Aurora County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		99	178	7	14	35	62	47	61	77	44	1,772	1.8	3.1
	County Average Crop Soil Map Unit Productivity Index =	64.23													
AaA	ALWILDA LOAM, 0 TO 2 PERCENT SLOPES	37	57	103	4	8	20	36	27	35	44	25	1,021	1.0	1.8
Ar	ARLO LOAM	30	46	83	3	6	16	29	22	29	36	21	828	0.8	1.5
BaA	BEADLE LOAM, 0 TO 3 PERCENT SLOPES	72	111	200	8	15	40	70	53	69	86	49	1,986	2.0	3.5
BaB	BEADLE LOAM, 3 TO 6 PERCENT SLOPES	65	100	180	7	14	36	63	48	62	78	45	1,793	1.8	3.1
BdA	BEADLE-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	57	88	158	6	12	31	55	42	54	68	39	1,573	1.6	2.8
BeE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	22	34	61	2	5	12	21	16	21	26	15	607	0.6	1.1
BnA	BLENDON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	66	102	183	7	14	36	64	48	63	79	45	1,821	1.8	3.2
BnB	BLENDON FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	62	96	172	7	13	34	60	45	59	74	42	1,711	1.7	3.0
Bo	BON LOAM	91	140	253	10	19	50	88	67	87	109	62	2,511	2.5	4.4
Bx	BON LOAM, CHANNELED	33	51	92	4	7	18	32	24	31	39	23	910	0.9	1.6
Ca	CLAMO SILTY CLAY LOAM	59	91	164	6	12	32	57	43	56	71	40	1,628	1.6	2.9
CbB	CLARNO LOAM, 3 TO 6 PERCENT SLOPES	78	120	217	8	16	43	75	57	74	93	53	2,152	2.2	3.8
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	60	93	167	6	13	33	58	44	57	72	41	1,655	1.7	2.9
CpA	CLARNO-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	81	125	225	9	17	44	78	59	77	97	55	2,235	2.3	3.9
DaA	DEGREY-JERAULD SILT LOAMS	38	59	105	4	8	21	37	28	36	45	26	1,048	1.1	1.8
DeA	DEGREY-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	63	97	175	7	13	35	61	46	60	75	43	1,738	1.8	3.0
DmA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	49	76	136	5	10	27	47	36	47	59	34	1,352	1.4	2.4
DmB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	44	68	122	5	9	24	43	32	42	53	30	1,214	1.2	2.1
DnC	DELMONT-TALMO COMPLEX, 6 TO 15 PERCENT SLOPES	28	43	78	3	6	15	27	20	27	34	19	772	0.8	1.4
Do	DIMO LOAM	70	108	194	8	15	38	68	51	67	84	48	1,931	1.9	3.4
DsA	DUDLEY-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	33	51	92	4	7	18	32	24	31	39	23	910	0.9	1.6
Du	DURRSTEIN SILT LOAM	16	25	44	2	3	9	15	12	15	19	11	441	0.4	0.8
EdA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	68	105	189	7	14	37	66	50	65	81	47	1,876	1.9	3.3
EeB	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	71	110	197	8	15	39	69	52	68	85	49	1,959	2.0	3.4
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	59	91	164	6	12	32	57	43	56	71	40	1,628	1.6	2.9
EtD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	32	49	89	3	7	18	31	23	31	38	22	883	0.9	1.5
HbA	HIGHMORE-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	83	128	230	9	18	46	80	61	79	99	57	2,290	2.3	4.0
HdA	HOUDEK-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	64	99	178	7	13	35	62	47	61	77	44	1,766	1.8	3.1
HdB	HOUDEK-DUDLEY COMPLEX, 3 TO 6 PERCENT SLOPES	59	91	164	6	12	32	57	43	56	71	40	1,628	1.6	2.9
HeB	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	71	110	197	8	15	39	69	52	68	85	49	1,959	2.0	3.4
HeC	HOUDEK-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	58	89	161	6	12	32	56	42	55	69	40	1,600	1.6	2.8
HhA	HOUDEK-HOVEN COMPLEX, 0 TO 3 PERCENT SLOPES	59	91	164	6	12	32	57	43	56	71	40	1,628	1.6	2.9
HhB	HOUDEK-HOVEN COMPLEX, 0 TO 6 PERCENT SLOPES	63	97	175	7	13	35	61	46	60	75	43	1,738	1.8	3.0
HoB	HOUDEK-PLANKINTON COMPLEX, 0 TO 6 PERCENT SLOPES	71	110	197	8	15	39	69	52	68	85	49	1,959	2.0	3.4
HpA	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	80	123	222	9	17	44	77	59	76	96	55	2,207	2.2	3.9
Hv	HOVEN SILT LOAM	18	28	50	2	4	10	17	13	17	22	12	497	0.5	0.9
Hw	HOVEN-PLANKINTON SILT LOAMS	36	56	100	4	8	20	35	26	34	43	25	993	1.0	1.7

Aurora County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
La	LANE SILTY CLAY LOAM	84	130	233	9	18	46	81	61	80	101	58	2,317	2.3	4.1
MaA	MILLBORO VARIANT SILTY CLAY, 0 TO 2 PERCENT SLOPES	92	142	255	10	19	50	89	67	88	110	63	2,538	2.6	4.5
MaB	MILLBORO VARIANT SILTY CLAY, 2 TO 6 PERCENT SLOPES	87	134	241	9	18	48	84	64	83	104	60	2,400	2.4	4.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Oa	ONITA SILT LOAM	92	142	255	10	19	50	89	67	88	110	63	2,538	2.6	4.5
Or	ORTHENTS, LOAMY	1	2	3	0	0	1	1	1	1	1	1	28	0.0	0.0
Pg	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pt	PLANKINTON-PROSPER COMPLEX	67	103	186	7	14	37	65	49	64	80	46	1,848	1.9	3.2
TaC	TALMO GRAVELLY LOAM, 2 TO 15 PERCENT SLOPES	5	8	14	1	1	3	5	4	5	6	3	138	0.1	0.2
TdE	TALMO-DELMONT COMPLEX, 15 TO 40 PERCENT SLOPES	11	17	31	1	2	6	11	8	10	13	8	303	0.3	0.5
Te	TETONKA SILT LOAM	56	86	155	6	12	31	54	41	53	67	38	1,545	1.6	2.7
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wo	WORTHING SILTY CLAY LOAM	31	48	86	3	7	17	30	23	30	37	21	855	0.9	1.5
Wp	WORTHING SILTY CLAY LOAM, PONDED	7	11	19	1	1	4	7	5	7	8	5	193	0.2	0.3

Beadle County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		123	182	11	15	35	66	48	63	83	44	1,670	1.9	3.0
	County Average Crop Soil Map Unit Productivity Index =	68.15													
Ao	WORTHING SILT LOAM, PONDED	5	9	13	1	1	3	5	4	5	6	3	123	0.1	0.2
BaA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES	71	128	190	11	16	36	68	50	66	86	46	1,740	2.0	3.1
BaB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	64	115	171	10	15	32	62	45	59	78	41	1,568	1.8	2.8
BaC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	51	92	136	8	12	26	49	36	47	62	33	1,250	1.4	2.2
BdA	BEADLE-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	57	103	152	9	13	29	55	40	53	69	37	1,397	1.6	2.5
BeD	BETTS STONY LOAM, 6 TO 40 PERCENT SLOPES	10	18	27	2	2	5	10	7	9	12	6	245	0.3	0.4
BfD	BETTS-ETHAN LOAMS, 9 TO 21 PERCENT SLOPES	30	54	80	5	7	15	29	21	28	36	19	735	0.8	1.3
BnA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	66	119	176	10	15	33	64	47	61	80	43	1,617	1.8	2.9
Bo	BON SILT LOAM	80	144	214	13	18	41	77	57	74	97	52	1,960	2.2	3.5
Bx	BON SILT LOAM, CHANNELED	28	51	75	4	6	14	27	20	26	34	18	686	0.8	1.2
CaA	CARTHAGE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	66	119	176	10	15	33	64	47	61	80	43	1,617	1.8	2.9
CaB	CARTHAGE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	62	112	166	10	14	31	60	44	58	75	40	1,519	1.7	2.7
CaC	CARTHAGE FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	53	96	142	8	12	27	51	38	49	64	34	1,299	1.5	2.3
CbA	CARTHAGE-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	66	119	176	10	15	33	64	47	61	80	43	1,617	1.8	2.9
CbB	CARTHAGE-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	62	112	166	10	14	31	60	44	58	75	40	1,519	1.7	2.7
DaB	DAVIS LOAM, 2 TO 9 PERCENT SLOPES	87	157	232	14	20	44	84	62	81	106	56	2,132	2.4	3.8
DeA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	43	78	115	7	10	22	41	30	40	52	28	1,054	1.2	1.9
DfB	DELMONT-TALMO COMPLEX, 2 TO 6 PERCENT SLOPES	37	67	99	6	8	19	36	26	34	45	24	907	1.0	1.6
Dg	DOGER LOAMY FINE SAND	37	67	99	6	8	19	36	26	34	45	24	907	1.0	1.6
DkA	DUDLEY-JERAULD SILT LOAMS, 0 TO 3 PERCENT SLOPES	28	51	75	4	6	14	27	20	26	34	18	686	0.8	1.2
DsA	DUDLEY-STICKNEY SILT LOAMS, 0 TO 3 PERCENT SLOPES	48	87	128	8	11	24	46	34	45	58	31	1,176	1.3	2.1
DtA	DUDLEY-TETONKA SILT LOAMS	43	78	115	7	10	22	41	30	40	52	28	1,054	1.2	1.9
Du	DURRSTEIN SILT LOAM	8	14	21	1	2	4	8	6	7	10	5	196	0.2	0.3
Eg	EGAS SILTY CLAY LOAM	8	14	21	1	2	4	8	6	7	10	5	196	0.2	0.3
Em	ELSMERE LOAMY FINE SAND, LOAMY SUBSTRATUM	67	121	179	11	15	34	64	47	62	81	43	1,642	1.9	2.9
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	60	108	160	9	14	30	58	42	56	73	39	1,470	1.7	2.6
EnB	ENET LOAM, 2 TO 6 PERCENT SLOPES	55	99	147	9	12	28	53	39	51	67	36	1,348	1.5	2.4
FoA	FORESTBURG LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	63	114	168	10	14	32	61	45	58	77	41	1,544	1.8	2.7
FoB	FORESTBURG LOAMY FINE SAND, 3 TO 6 PERCENT SLOPES	58	105	155	9	13	29	56	41	54	70	37	1,421	1.6	2.5
FrA	FORESTBURG-DOGER LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	52	94	139	8	12	26	50	37	48	63	34	1,274	1.5	2.3
FrB	FORESTBURG-DOGER LOAMY FINE SANDS, 3 TO 6 PERCENT SLOPES	50	90	134	8	11	25	48	35	46	61	32	1,225	1.4	2.2
Ga	GRAT LOAM	49	88	131	8	11	25	47	35	45	60	32	1,201	1.4	2.1
GbA	BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	90	162	240	14	20	46	87	64	84	109	58	2,205	2.5	3.9
GzB	BEND-EDWIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	78	141	208	12	18	40	75	55	72	95	50	1,911	2.2	3.4
HaA	HAND-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	85	153	227	13	19	43	82	60	79	103	55	2,083	2.4	3.7
HaB	HAND-BONILLA LOAMS, 3 TO 6 PERCENT SLOPES	79	143	211	13	18	40	76	56	73	96	51	1,936	2.2	3.4
HbC	HAND-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	56	101	150	9	13	28	54	40	52	68	36	1,372	1.6	2.4

Beadle County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HcB	HOUDEK STONY LOAM, 0 TO 9 PERCENT SLOPES	4	7	11	1	1	2	4	3	4	5	3	98	0.1	0.2
HdB	HOUDEK-DUDLEY COMPLEX, 3 TO 6 PERCENT SLOPES	55	99	147	9	12	28	53	39	51	67	36	1,348	1.5	2.4
HeB	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	68	123	182	11	15	34	65	48	63	83	44	1,666	1.9	3.0
HeC	HOUDEK-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	55	99	147	9	12	28	53	39	51	67	36	1,348	1.5	2.4
HoA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	85	153	227	13	19	43	82	60	79	103	55	2,083	2.4	3.7
HoB	HOUDEK-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES	79	143	211	13	18	40	76	56	73	96	51	1,936	2.2	3.4
Hv	HOVEN SILT LOAM	15	27	40	2	3	8	14	11	14	18	10	368	0.4	0.7
La	LADELLE SILT LOAM	82	148	219	13	19	42	79	58	76	100	53	2,009	2.3	3.6
Lm	LAMO SILT LOAM	64	115	171	10	15	32	62	45	59	78	41	1,568	1.8	2.8
LnA	LANE SILT LOAM, 0 TO 2 PERCENT SLOPES	85	153	227	13	19	43	82	60	79	103	55	2,083	2.4	3.7
Lo	LOUP LOAMY FINE SAND	32	58	85	5	7	16	31	23	30	39	21	784	0.9	1.4
Mo	MOBRIDGE SILT LOAM	99	179	264	16	22	50	95	70	92	120	64	2,426	2.8	4.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OkB	OKO CLAY LOAM, 3 TO 9 PERCENT SLOPES	42	76	112	7	10	21	40	30	39	51	27	1,029	1.2	1.8
OkD	OKO CLAY LOAM, 9 TO 21 PERCENT SLOPES	28	51	75	4	6	14	27	20	26	34	18	686	0.8	1.2
Pg	ORTHENTS, GRAVELLY	1	2	3	0	0	1	1	1	1	1	1	25	0.0	0.0
PrA	PROSPER-DAVISON LOAMS, 0 TO 3 PERCENT SLOPES	82	148	219	13	19	42	79	58	76	100	53	2,009	2.3	3.6
Sh	SHUE LOAMY FINE SAND	54	97	144	9	12	27	52	38	50	66	35	1,323	1.5	2.4
Sp	SPOTTSWOOD LOAM	71	128	190	11	16	36	68	50	66	86	46	1,740	2.0	3.1
St	STICKNEY-JERAULD SILT LOAM	51	92	136	8	12	26	49	36	47	62	33	1,250	1.4	2.2
Ta	TETONKA LOAMY FINE SAND, OVERBLOWN	57	103	152	9	13	29	55	40	53	69	37	1,397	1.6	2.5
Te	TETONKA-HOVEN SILT LOAMS	48	87	128	8	11	24	46	34	45	58	31	1,176	1.3	2.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ZeC	EDWIN SILT LOAM, 6 TO 12 PERCENT SLOPES	53	96	142	8	12	27	51	38	49	64	34	1,299	1.5	2.3

Bennett County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		74	173	9	15	37	46	29	31	37	37	1,795	1.5	1.7
	County Average Crop Soil Map Unit Productivity Index =	64.84													
Aa	LOHMILLER SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	34	39	91	5	8	19	24	15	16	20	19	941	0.8	0.9
AlB	ALTVAN LOAM, 0 TO 5 PERCENT SLOPES	57	65	152	8	13	33	40	25	27	33	33	1,578	1.3	1.5
AnB	ANSELMO FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES	55	63	147	8	13	31	39	25	26	32	31	1,523	1.2	1.4
AtE	ANSELMO-TASSEL FINE SANDY LOAMS, 9 TO 18 PERCENT SLOPES	23	26	61	3	5	13	16	10	11	13	13	637	0.5	0.6
Bo	BLOWN-OUT LAND	3	3	8	0	1	2	2	1	1	2	2	83	0.1	0.1
CnF	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	7	8	19	1	2	4	5	3	3	4	4	194	0.2	0.2
CoF	CANYON-OGLALA LOAMS, 18 TO 40 PERCENT SLOPES	13	15	35	2	3	7	9	6	6	7	7	360	0.3	0.3
Cr	CANYON-ROCK OUTCROP COMPLEX, 18 TO 40 PERCENT SLOPES	7	8	19	1	2	4	5	3	3	4	4	194	0.2	0.2
CyD2	CANYON-ROSEBUD LOAMS, 3 TO 12 PERCENT SLOPES	30	34	80	4	7	17	21	13	14	17	17	831	0.7	0.8
DkA	DAWES-KEITH SILT LOAMS, 0 TO 3 PERCENT SLOPES	70	80	187	10	16	40	50	31	33	40	40	1,938	1.6	1.8
DrB	DAWES-RICHFIELD SILT LOAMS, 0 TO 5 PERCENT SLOPES	63	72	168	9	14	36	45	28	30	36	36	1,744	1.4	1.7
DsB	DUNDAY LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	44	50	117	6	10	25	31	20	21	25	25	1,218	1.0	1.2
DtA	DUNDAY-ANSELMO COMPLEX, 0 TO 3 PERCENT SLOPES	52	59	139	7	12	30	37	23	24	30	30	1,440	1.2	1.4
DtC	DUNDAY-ANSELMO COMPLEX, 3 TO 9 PERCENT SLOPES	39	45	104	5	9	22	28	17	18	22	22	1,080	0.9	1.0
Du	DUNDAY-ELSMERE LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	57	65	152	8	13	33	40	25	27	33	33	1,578	1.3	1.5
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	37	42	99	5	8	21	26	17	17	21	21	1,024	0.8	1.0
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	25	29	67	3	6	14	18	11	12	14	14	692	0.6	0.7
Ga	GANNETT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	7	8	19	1	2	4	5	3	3	4	4	194	0.2	0.2
GoA	MOBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	97	111	259	13	22	55	69	43	46	56	55	2,685	2.2	2.5
GoB	MOBRIDGE SILT LOAM, 3 TO 6 PERCENT SLOPES	91	104	243	13	21	52	65	41	43	52	52	2,519	2.1	2.4
Gp	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Gr	NIHILL GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	4	5	11	1	1	2	3	2	2	2	2	111	0.1	0.1
HaA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES	77	88	205	11	18	44	55	34	36	44	44	2,132	1.7	2.0
HtB	HOLT-TUTHILL FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	51	58	136	7	12	29	36	23	24	29	29	1,412	1.2	1.3
HtC	HOLT-TUTHILL FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	42	48	112	6	10	24	30	19	20	24	24	1,163	1.0	1.1
Hv	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	11	13	29	2	3	6	8	5	5	6	6	305	0.2	0.3
Hw	HOVEN SILT LOAM, PONDED, 0 TO 1 PERCENT SLOPES	11	13	29	2	3	6	8	5	5	6	6	305	0.2	0.3
KaB	KADOKA SILT LOAM, 3 TO 5 PERCENT SLOPES	82	94	219	11	19	47	58	37	39	47	47	2,270	1.9	2.1
KeA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES	92	105	245	13	21	52	65	41	43	53	52	2,547	2.1	2.4
KeB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES	86	98	229	12	20	49	61	38	40	50	49	2,381	1.9	2.3
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	54	62	144	8	12	31	38	24	25	31	31	1,495	1.2	1.4
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	102	237	12	20	51	63	40	42	51	51	2,464	2.0	2.3
KrB	KEITH-ROSEBUD SILT LOAMS, 2 TO 6 PERCENT SLOPES	81	93	216	11	18	46	57	36	38	47	46	2,242	1.8	2.1
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	74	85	197	10	17	42	52	33	35	43	42	2,049	1.7	1.9
La	LAMO SILT LOAM, 0 TO 2 PERCENT SLOPES	50	57	133	7	11	29	35	22	24	29	29	1,384	1.1	1.3
Lo	LOUP FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	31	35	83	4	7	18	22	14	15	18	18	858	0.7	0.8
Ma	MARSH	7	8	19	1	2	4	5	3	3	4	4	194	0.2	0.2

Bennett County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Me	MINATARE LOAM, 0 TO 2 PERCENT SLOPES	15	17	40	2	3	9	11	7	7	9	9	415	0.3	0.4
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	24	27	64	3	5	14	17	11	11	14	14	664	0.5	0.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	23	26	61	3	5	13	16	10	11	13	13	637	0.5	0.6
OrA	OGLALA-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	76	87	203	11	17	43	54	34	36	44	43	2,104	1.7	2.0
OrB	OGLALA-ROSEBUD SILT LOAMS, 3 TO 6 PERCENT SLOPES	69	79	184	10	16	39	49	31	32	40	39	1,910	1.6	1.8
RkA	RICHFIELD-KEITH SILT LOAMS, 0 TO 2 PERCENT SLOPES	79	90	211	11	18	45	56	35	37	46	45	2,187	1.8	2.1
RkB	RICHFIELD-KEITH SILT LOAMS, 2 TO 6 PERCENT SLOPES	70	80	187	10	16	40	50	31	33	40	40	1,938	1.6	1.8
TaF	TASSEL-ANSELMO FINE SANDY LOAMS, 18 TO 40 PERCENT SLOPES	13	15	35	2	3	7	9	6	6	7	7	360	0.3	0.3
TnB	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	52	59	139	7	12	30	37	23	24	30	30	1,440	1.2	1.4
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	40	46	107	6	9	23	28	18	19	23	23	1,107	0.9	1.0
VaC	VALENTINE FINE SAND, ROLLING	9	10	24	1	2	5	6	4	4	5	5	249	0.2	0.2
VeD	VALENTINE-TASSEL COMPLEX, HILLY	8	9	21	1	2	5	6	4	4	5	5	221	0.2	0.2
VgA	VETAL-MOBRIDGE COMPLEX, 0 TO 3 PERCENT SLOPES	80	91	213	11	18	46	57	36	38	46	46	2,215	1.8	2.1
VhD	VETAL-HOLT FINE SANDY LOAMS, 6 TO 15 PERCENT SLOPES	38	43	101	5	9	22	27	17	18	22	22	1,052	0.9	1.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Bon Homme County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		112	175	10	13	34	87	42	58	64	59	1,906	1.8	3.5
	County Average Crop Soil Map Unit Productivity Index =	77.78													
AaA	ALCESTER SILT LOAM	95	137	214	12	15	41	107	51	71	79	72	2,328	2.2	4.2
AcA	ALCESTER-CHANCELLOR COMPLEX	89	128	201	11	14	39	100	48	67	74	68	2,181	2.0	4.0
Bn	BON LOAM	84	121	189	10	14	37	94	45	63	70	64	2,059	1.9	3.7
Bo	BON LOAM, CHANNELED	30	43	68	4	5	13	34	16	22	25	23	735	0.7	1.3
Br	BONILLA-CROSSPLAIN COMPLEX	87	126	196	11	14	38	98	47	65	72	66	2,132	2.0	3.9
BsE	BOYD-SANSARC CLAYS, 15 TO 40 PERCENT SLOPES	7	10	16	1	1	3	8	4	5	6	5	172	0.2	0.3
CmA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	87	126	196	11	14	38	98	47	65	72	66	2,132	2.0	3.9
CmB	CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	81	117	183	10	13	35	91	44	61	67	61	1,985	1.9	3.6
CnA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	82	118	185	10	13	36	92	44	61	68	62	2,010	1.9	3.7
CsB	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	76	110	171	9	12	33	85	41	57	63	58	1,863	1.7	3.4
DaB	DAVIS LOAM, 0 TO 6 PERCENT SLOPES	83	120	187	10	13	36	93	45	62	69	63	2,034	1.9	3.7
DaC	DAVIS LOAM, 6 TO 15 PERCENT SLOPES	73	105	165	9	12	32	82	39	55	60	55	1,789	1.7	3.2
DlC	DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES	28	40	63	3	5	12	31	15	21	23	21	686	0.6	1.2
EaA	ELTREE SILT LOAM, 0 TO 2 PERCENT SLOPES	92	133	207	11	15	40	103	50	69	76	70	2,255	2.1	4.1
EaB	ELTREE SILT LOAM, 2 TO 6 PERCENT SLOPES	85	123	192	11	14	37	96	46	64	70	64	2,083	2.0	3.8
EbC	ELTREE-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	65	94	147	8	11	28	73	35	49	54	49	1,593	1.5	2.9
EbE	ELTREE-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES	37	53	83	5	6	16	42	20	28	31	28	907	0.9	1.6
EcD	ELTREE-CROFTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	52	75	117	6	8	23	58	28	39	43	39	1,274	1.2	2.3
EdA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	55	79	124	7	9	24	62	30	41	46	42	1,348	1.3	2.4
EdB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	50	72	113	6	8	22	56	27	37	41	38	1,225	1.1	2.2
EhB	ETHAN-ALCESTER COMPLEX, 1 TO 6 PERCENT SLOPES	77	111	174	10	12	34	87	42	58	64	58	1,887	1.8	3.4
EhC	ETHAN-ALCESTER COMPLEX, 1 TO 9 PERCENT SLOPES	68	98	153	8	11	30	76	37	51	56	52	1,667	1.6	3.0
EmE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	18	26	41	2	3	8	20	10	13	15	14	441	0.4	0.8
EnC	ETHAN-BONILLA LOAMS, 1 TO 9 PERCENT SLOPES	65	94	147	8	11	28	73	35	49	54	49	1,593	1.5	2.9
EoD	ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES	42	61	95	5	7	18	47	23	31	35	32	1,029	1.0	1.9
EpC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	59	85	133	7	10	26	66	32	44	49	45	1,446	1.4	2.6
Fv	NORWAY LOAMY FINE SAND, FREQUENTLY FLOODED	5	7	11	1	1	2	6	3	4	4	4	123	0.1	0.2
GeE	GAVINS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	12	17	27	1	2	5	13	6	9	10	9	294	0.3	0.5
GrA	GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	84	121	189	10	14	37	94	45	63	70	64	2,059	1.9	3.7
HmA	HOMME-DAVISON-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	82	118	185	10	13	36	92	44	61	68	62	2,010	1.9	3.7
HnB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	78	113	176	10	13	34	88	42	58	65	59	1,912	1.8	3.5
HpB	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	76	110	171	9	12	33	85	41	57	63	58	1,863	1.7	3.4
HpC	HOMME-ETHAN-TETONKA COMPLEX, 0 TO 9 PERCENT SLOPES	64	92	144	8	10	28	72	34	48	53	49	1,569	1.5	2.8
HrA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	89	128	201	11	14	39	100	48	67	74	68	2,181	2.0	4.0
HrB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	84	121	189	10	14	37	94	45	63	70	64	2,059	1.9	3.7
HtA	HOMME-ONITA-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	85	123	192	11	14	37	96	46	64	70	64	2,083	2.0	3.8
La	LAMO SILT LOAM	64	92	144	8	10	28	72	34	48	53	49	1,569	1.5	2.8

Bon Homme County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OcA	ONITA-CHANCELLOR SILTY CLAY LOAMS	89	128	201	11	14	39	100	48	67	74	68	2,181	2.0	4.0
ReD	REDSTOE VARIANT-GAVINS COMPLEX, 6 TO 25 PERCENT SLOPES	22	32	50	3	4	10	25	12	16	18	17	539	0.5	1.0
Sa	SALMO SILTY CLAY LOAM	37	53	83	5	6	16	42	20	28	31	28	907	0.9	1.6
Sb	SARDAK-WAUBONSIE COMPLEX	46	66	104	6	7	20	52	25	34	38	35	1,127	1.1	2.0
TaE	TALMO-DELMONT LOAMS, 15 TO 40 PERCENT SLOPES	2	3	5	0	0	1	2	1	1	2	2	49	0.0	0.1
TbE	TALMO-ETHAN VERY STONY COMPLEX, 6 TO 40 PERCENT SLOPES	8	12	18	1	1	3	9	4	6	7	6	196	0.2	0.4
Te	TETONKA SILT LOAM	62	89	140	8	10	27	70	33	46	51	47	1,520	1.4	2.8
ThC	THURMAN LOAMY SAND, 6 TO 15 PERCENT SLOPES	36	52	81	4	6	16	40	19	27	30	27	882	0.8	1.6
ThE	THURMAN LOAMY SAND, 15 TO 40 PERCENT SLOPES	16	23	36	2	3	7	18	9	12	13	12	392	0.4	0.7
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wg	WORTHING SILTY CLAY LOAM	37	53	83	5	6	16	42	20	28	31	28	907	0.9	1.6
Wo	WORTHING SILTY CLAY LOAM, PONDED	6	9	14	1	1	3	7	3	4	5	5	147	0.1	0.3
YaA	YANKTON-ALCESTER SILT LOAMS, 0 TO 2 PERCENT SLOPES	95	137	214	12	15	41	107	51	71	79	72	2,328	2.2	4.2
YaB	YANKTON-ALCESTER SILT LOAMS, 1 TO 6 PERCENT SLOPES	90	130	203	11	15	39	101	49	67	75	68	2,206	2.1	4.0

Brookings County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		141	170	13	14	39		54	60	100	62		2.0	3.7
	County Average Crop Soil Map Unit Productivity Index =	71.52													
Aa	ALLIVAR SANDY LOAM, 0 TO 2 PERCENT SLOPES	27	53	64	5	5	15		20	23	38	23		0.7	1.4
Ar	ARLO LOAM, 0 TO 1 PERCENT SLOPES	49	97	116	9	9	27		37	41	68	42		1.3	2.5
AvB	ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	23	45	55	4	4	13		17	19	32	20		0.6	1.2
Ba	BADGER SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	79	156	187	14	15	44		60	66	110	68		2.2	4.1
BbA	BARNES CLAY LOAM, 0 TO 2 PERCENT SLOPES	88	174	209	16	17	49		67	74	123	76		2.4	4.5
BbB	BARNES CLAY LOAM, 2 TO 6 PERCENT SLOPES	82	162	194	15	16	45		62	69	114	71		2.2	4.2
BcB	BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	76	150	180	14	14	42		57	63	106	66		2.1	3.9
BeA	BRANDT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	86	170	204	16	16	47		65	72	120	75		2.3	4.4
BeB	BRANDT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	78	154	185	14	15	43		59	65	109	68		2.1	4.0
Bf	BROOKINGS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	95	188	225	17	18	52		72	79	132	82		2.6	4.9
BgC	BUSE-BARNES LOAMS, 6 TO 9 PERCENT SLOPES	58	115	137	11	11	32		44	48	81	50		1.6	3.0
BgD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	41	81	97	7	8	23		31	34	57	36		1.1	2.1
BhC	BUSE-BARNES LOAMS, 2 TO 9 PERCENT SLOPES, VERY STONY	6	12	14	1	1	3		5	5	8	5		0.2	0.3
BhE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	4	8	9	1	1	2		3	3	6	3		0.1	0.2
BkE	BUSE-LAMOURE, CHANNELED, COMPLEX, 0 TO 40 PERCENT SLOPES	15	30	36	3	3	8		11	13	21	13		0.4	0.8
BoE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	12	24	28	2	2	7		9	10	17	10		0.3	0.6
BpD	BUSE-POINSETT COMPLEX, 9 TO 15 PERCENT SLOPES	44	87	104	8	8	24		33	37	61	38		1.2	2.3
BrD	BUSE, VERY STONY-POINSETT COMPLEX, 9 TO 25 PERCENT SLOPES	30	59	71	5	6	17		23	25	42	26		0.8	1.5
BsC	BUSE-SINGSAAS COMPLEX, 6 TO 9 PERCENT SLOPES	61	121	145	11	12	34		46	51	85	53		1.7	3.1
BxE	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	11	22	26	2	2	6		8	9	15	10		0.3	0.6
Ca	CASTLEWOOD SILTY CLAY, 0 TO 1 PERCENT SLOPES	62	123	147	11	12	34		47	52	86	54		1.7	3.2
Ch	CHASKA LOAM, CHANNELED	34	67	81	6	6	19		26	28	47	29		0.9	1.7
Cm	CLAMO SILTY CLAY, 0 TO 1 PERCENT SLOPES	62	123	147	11	12	34		47	52	86	54		1.7	3.2
Co	CUBDEN-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	79	156	187	14	15	44		60	66	110	68		2.2	4.1
Ct	CUBDEN-TONKA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	69	136	164	13	13	38		52	58	96	60		1.9	3.5
DaB	DARNEN LOAM, 2 TO 6 PERCENT SLOPES	82	162	194	15	16	45		62	69	114	71		2.2	4.2
DcA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	90	178	213	16	17	50		68	75	125	78		2.5	4.6
DcB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	85	168	201	15	16	47		64	71	118	74		2.3	4.4
Dm	DIMO CLAY LOAM, 0 TO 2 PERCENT SLOPES	73	144	173	13	14	40		55	61	102	63		2.0	3.8
Dn	DIVIDE LOAM, 0 TO 2 PERCENT SLOPES	55	109	130	10	10	30		42	46	77	48		1.5	2.8
DoB	DOLAND LOAM, 2 TO 6 PERCENT SLOPES	82	162	194	15	16	45		62	69	114	71		2.2	4.2
DsA	DOLAND-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	88	174	209	16	17	49		67	74	123	76		2.4	4.5
EaB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	78	154	185	14	15	43		59	65	109	68		2.1	4.0
EeB	EGAN-WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	86	170	204	16	16	47		65	72	120	75		2.3	4.4
EgA	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	61	121	145	11	12	34		46	51	85	53		1.7	3.1
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	54	107	128	10	10	30		41	45	75	47		1.5	2.8
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	62	123	147	11	12	34		47	52	86	54		1.7	3.2

Brookings County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
EsA	ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	67	132	159	12	13	37		51	56	93	58		1.8	3.4
EsB	ESTELLINE SILT LOAM, 2 TO 6 PERCENT SLOPES	62	123	147	11	12	34		47	52	86	54		1.7	3.2
EtB	ESTELLINE-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	49	97	116	9	9	27		37	41	68	42		1.3	2.5
EvD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	40	79	95	7	8	22		30	33	56	35		1.1	2.1
EwC	ETHAN-EGAN COMPLEX, 6 TO 9 PERCENT SLOPES	62	123	147	11	12	34		47	52	86	54		1.7	3.2
Fa	FAIRDALE LOAM, CHANNELED	35	69	83	6	7	19		26	29	49	30		1.0	1.8
Fb	FORDTOWN LOAM, 0 TO 2 PERCENT SLOPES	59	117	140	11	11	33		45	49	82	51		1.6	3.0
Fc	FORDTOWN-SPOTTSWOOD LOAMS, 0 TO 2 PERCENT SLOPES	64	127	152	12	12	35		48	53	89	55		1.7	3.3
FdA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	58	115	137	11	11	32		44	48	81	50		1.6	3.0
FrB	FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	46	91	109	8	9	25		35	38	64	40		1.3	2.4
Gs	GOLDSMITH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	92	182	218	17	17	51		70	77	128	80		2.5	4.7
Hb	HAMERLY-BADGER COMPLEX, 0 TO 2 PERCENT SLOPES	78	154	185	14	15	43		59	65	109	68		2.1	4.0
Hc	HAMERLY-CAVOUR-BADGER COMPLEX, 0 TO 2 PERCENT SLOPES	64	127	152	12	12	35		48	53	89	55		1.7	3.3
HeA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	178	213	16	17	50		68	75	125	78		2.5	4.6
HeB	HETLAND SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	168	201	15	16	47		64	71	118	74		2.3	4.4
KrA	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	91	180	216	17	17	50		69	76	127	79		2.5	4.7
KrB	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	87	172	206	16	16	48		66	73	121	75		2.4	4.5
La	LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	84	166	199	15	16	46		64	70	117	73		2.3	4.3
Lc	LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	94	186	223	17	18	52		71	79	131	81		2.6	4.8
Ld	LADELLE SILT LOAM, 0 TO 2 PERCENT SLOPES	88	174	209	16	17	49		67	74	123	76		2.4	4.5
Le	LAMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	69	136	164	13	13	38		52	58	96	60		1.9	3.5
Lk	LAMOURE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	66	130	156	12	12	36		50	55	92	57		1.8	3.4
Lm	LAMOURE-RAUVILLE SILTY CLAY LOAMS, CHANNELED	31	61	73	6	6	17		23	26	43	27		0.8	1.6
LnB	LANONA-SWENODA SANDY LOAMS, 2 TO 6 PERCENT SLOPES	63	125	149	11	12	35		48	53	88	55		1.7	3.2
Lo	LOWE LOAM, 0 TO 1 PERCENT SLOPES	56	111	133	10	11	31		42	47	78	49		1.5	2.9
Lr	LOWE-LUDDEN COMPLEX, 0 TO 1 PERCENT SLOPES	57	113	135	10	11	31		43	48	79	49		1.6	2.9
Ls	LUDDEN SILTY CLAY, 0 TO 1 PERCENT SLOPES	57	113	135	10	11	31		43	48	79	49		1.6	2.9
Lu	LUDDEN, SALINE-LUDDEN SILTY CLAYS, 0 TO 1 PERCENT SLOPES	44	87	104	8	8	24		33	37	61	38		1.2	2.3
MaB	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	41	81	97	7	8	23		31	34	57	36		1.1	2.1
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 9 PERCENT SLOPES	31	61	73	6	6	17		23	26	43	27		0.8	1.6
MeA	MADDOCK-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	47	93	111	9	9	26		36	39	65	41		1.3	2.4
Mr	MARYSLAND LOAM, 0 TO 1 PERCENT SLOPES	47	93	111	9	9	26		36	39	65	41		1.3	2.4
Mt	MCINTOSH-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	81	160	192	15	15	45		61	68	113	70		2.2	4.2
Mu	MCINTOSH-LAMOURE SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	80	158	190	15	15	44		60	67	111	69		2.2	4.1
Mw	MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES	37	73	88	7	7	20		28	31	52	32		1.0	1.9
M-W	MISCELLANEOUS WATER AREAS	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Mz	MORITZ-LAMOURE COMPLEX, 0 TO 2 PERCENT SLOPES	54	107	128	10	10	30		41	45	75	47		1.5	2.8
Od	OLDHAM SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	35	69	83	6	7	19		26	29	49	30		1.0	1.8
Og	ORTHENTS, GRAVELLY	2	4	5	0	0	1		2	2	3	2		0.1	0.1
Or	ORTHENTS, LOAMY	5	10	12	1	1	3		4	4	7	4		0.1	0.3

Brookings County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Pa	PARNELL SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	32	63	76	6	6	18		24	27	45	28		0.9	1.6
PbB	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	79	156	187	14	15	44		60	66	110	68		2.2	4.1
PbC	POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	70	138	166	13	13	39		53	58	97	61		1.9	3.6
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	91	180	216	17	17	50		69	76	127	79		2.5	4.7
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	87	172	206	16	16	48		66	73	121	75		2.4	4.5
Ra	RAUVILLE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	32	63	76	6	6	18		24	27	45	28		0.9	1.6
Rp	RAUVILLE SILTY CLAY LOAM, PONDED	10	20	24	2	2	6		8	8	14	9		0.3	0.5
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	31	61	73	6	6	17		23	26	43	27		0.8	1.6
RsC	RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	24	47	57	4	5	13		18	20	33	21		0.7	1.2
Rw	RENWASH LOAM, 0 TO 2 PERCENT SLOPES	45	89	107	8	9	25		34	38	63	39		1.2	2.3
SbB	SINGSAAS-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES	78	154	185	14	15	43		59	65	109	68		2.1	4.0
ScA	SINGSAAS-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	91	180	216	17	17	50		69	76	127	79		2.5	4.7
ScB	SINGSAAS-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	86	170	204	16	16	47		65	72	120	75		2.3	4.4
ShD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	17	34	40	3	3	9		13	14	24	15		0.5	0.9
ShE	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	4	8	9	1	1	2		3	3	6	3		0.1	0.2
So	SOUTHAM SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	12	24	28	2	2	7		9	10	17	10		0.3	0.6
Sp	SPOTTSWOOD LOAM, 0 TO 2 PERCENT SLOPES	73	144	173	13	14	40		55	61	102	63		2.0	3.8
SrA	STRAYHOSS LOAM, 0 TO 2 PERCENT SLOPES	77	152	183	14	15	42		58	64	107	67		2.1	4.0
SrB	STRAYHOSS LOAM, 2 TO 6 PERCENT SLOPES	67	132	159	12	13	37		51	56	93	58		1.8	3.4
StB	STRAYHOSS-MADDOCK COMPLEX, 2 TO 6 PERCENT SLOPES	60	119	142	11	11	33		45	50	84	52		1.6	3.1
SvA	SVEA LOAM, 0 TO 2 PERCENT SLOPES	94	186	223	17	18	52		71	79	131	81		2.6	4.8
SwA	SWENODA-LANONA SANDY LOAMS, 0 TO 2 PERCENT SLOPES	67	132	159	12	13	37		51	56	93	58		1.8	3.4
To	TONKA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	57	113	135	10	11	31		43	48	79	49		1.6	2.9
Tr	TRENT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	99	196	235	18	19	55		75	83	138	86		2.7	5.1
VaA	VENAGRO-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	89	176	211	16	17	49		67	74	124	77		2.4	4.6
VaB	VENAGRO-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	84	166	199	15	16	46		64	70	117	73		2.3	4.3
VbA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	90	178	213	16	17	50		68	75	125	78		2.5	4.6
VbB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	85	168	201	15	16	47		64	71	118	74		2.3	4.4
VnB	VIENNA-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES	79	156	187	14	15	44		60	66	110	68		2.2	4.1
VnC	VIENNA-BUSE COMPLEX, 6 TO 9 PERCENT SLOPES	65	128	154	12	12	36		49	54	91	56		1.8	3.3
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAKONDA-CHANCELLOR SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	82	162	194	15	16	45		62	69	114	71		2.2	4.2
Wb	WAUBAY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	98	194	232	18	19	54		74	82	136	85		2.7	5.0
WeA	WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	186	223	17	18	52		71	79	131	81		2.6	4.8
Wo	WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	35	69	83	6	7	19		26	29	49	30		1.0	1.8

Brown County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		146	201	12	18	36	52	49	51	62	47	1,674	1.5	2.8
	County Average Crop Soil Map Unit Productivity Index =	71.47													
Ab	ABERDEEN-NAHON SILTY CLAY LOAMS	61	124	171	10	15	31	44	42	43	53	40	1,428	1.3	2.4
Ac	ABERDEEN-NAHON SILTY CLAY LOAMS, SANDY SUBSTRATUM	57	116	160	9	14	29	41	39	40	50	37	1,335	1.2	2.2
Ad	ABERDEEN-URBAN LAND COMPLEX	50	102	140	8	12	25	36	34	35	44	33	1,171	1.0	1.9
Ar	ARVESON FINE SANDY LOAM	56	114	157	9	14	28	41	39	40	49	36	1,311	1.2	2.2
BaD	BARNES-BUSE LOAMS, 6 TO 15 PERCENT SLOPES	46	94	129	7	11	23	33	32	33	40	30	1,077	1.0	1.8
BbC	BARNES-BUSE-SVEA LOAMS, 1 TO 9 PERCENT SLOPES	65	132	182	11	16	33	47	45	46	57	42	1,522	1.4	2.5
BcA	BARNES-CAVOUR LOAMS, 0 TO 3 PERCENT SLOPES	72	147	202	12	18	36	52	50	51	63	47	1,686	1.5	2.8
BcB	BARNES-CAVOUR LOAMS, 3 TO 6 PERCENT SLOPES	66	134	185	11	16	33	48	45	47	58	43	1,546	1.4	2.6
BdA	BARNES-CRESBARD-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	75	153	210	12	19	38	55	52	53	65	49	1,756	1.6	2.9
BdB	BARNES-CRESBARD-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	72	147	202	12	18	36	52	50	51	63	47	1,686	1.5	2.8
BeA	BARNES-FERNEY-TONKA COMPLEX, 0 TO 4 PERCENT SLOPES	62	126	174	10	15	31	45	43	44	54	40	1,452	1.3	2.4
BfA	BARNES-HAMERLY-TONKA COMPLEX	79	161	222	13	20	40	57	54	56	69	51	1,850	1.6	3.1
BgC	BARNES-KRANZBURG-BUSE COMPLEX, 5 TO 9 PERCENT SLOPES	69	141	194	11	17	35	50	48	49	60	45	1,616	1.4	2.7
BhA	BARNES-SVEA LOAMS, 0 TO 3 PERCENT SLOPES	86	175	241	14	21	43	63	59	61	75	56	2,014	1.8	3.3
BhB	BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	82	167	230	13	20	41	60	56	58	72	53	1,920	1.7	3.2
BkA	BARNES-SVEA-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	80	163	225	13	20	40	58	55	57	70	52	1,873	1.7	3.1
BkB	BARNES-SVEA-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
BmB	BARNES-TALLY COMPLEX, 2 TO 6 PERCENT SLOPES	69	141	194	11	17	35	50	48	49	60	45	1,616	1.4	2.7
BnA	BARNES-URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES	59	120	166	10	15	30	43	41	42	52	38	1,382	1.2	2.3
Bo	BEARDEN SILT LOAM	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
Bp	BEARDEN SILT LOAM, SALINE	66	134	185	11	16	33	48	45	47	58	43	1,546	1.4	2.6
BrB	BEARDEN-HUFFTON SILT LOAMS, 1 TO 6 PERCENT SLOPES	73	149	205	12	18	37	53	50	52	64	48	1,709	1.5	2.8
BsB	BEARDEN-HUFFTON-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	70	143	196	11	17	35	51	48	49	61	46	1,639	1.5	2.7
Bt	BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	97	198	272	16	24	49	71	67	69	85	63	2,271	2.0	3.8
Bv	BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	91	185	255	15	23	46	66	63	64	79	59	2,131	1.9	3.5
Bw	BEOTIA-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	62	126	174	10	15	31	45	43	44	54	40	1,452	1.3	2.4
Bx	BEOTIA-WINSHIP SILT LOAMS	94	191	264	15	23	47	68	65	66	82	61	2,201	2.0	3.6
By	BORUP SILT LOAM	56	114	157	9	14	28	41	39	40	49	36	1,311	1.2	2.2
Bz	BORUP SILT LOAM, SALINE	38	77	107	6	9	19	28	26	27	33	25	890	0.8	1.5
BzGA	BRANTFORD VARIANT LOAM, 0 TO 2 PERCENT SLOPES	39	79	109	6	10	20	28	27	28	34	25	913	0.8	1.5
BzHB	BRANTFORD VARIANT-VANG LOAMS, 2 TO 6 PERCENT SLOPES	41	84	115	7	10	21	30	28	29	36	27	960	0.9	1.6
BzVE	BUSE-BARNES LOAMS, 9 TO 25 PERCENT SLOPES	24	49	67	4	6	12	17	17	17	21	16	562	0.5	0.9
Ca	CAMTOWN-TURTON FINE SANDY LOAMS, SOMEWHAT POORLY DRAINED	62	126	174	10	15	31	45	43	44	54	40	1,452	1.3	2.4
Cb	CAMTOWN-TURTON LOAMS	61	124	171	10	15	31	44	42	43	53	40	1,428	1.3	2.4
Cd	CAVOUR-CRESBARD LOAMS	40	81	112	6	10	20	29	28	28	35	26	937	0.8	1.5
Cf	CAVOUR-FERNEY COMPLEX	27	55	76	4	7	14	20	19	19	24	18	632	0.6	1.0
Cm	COLVIN FINE SANDY LOAM, SALINE	34	69	95	6	8	17	25	23	24	30	22	796	0.7	1.3

Brown County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Cn	COLVIN SILTY CLAY LOAM	60	122	168	10	15	30	44	41	42	52	39	1,405	1.2	2.3
Cp	COLVIN SILTY CLAY LOAM, PONDED	37	75	104	6	9	19	27	25	26	32	24	866	0.8	1.4
Cs	COLVIN SILTY CLAY LOAM, SALINE	35	71	98	6	9	18	25	24	25	31	23	820	0.7	1.4
Cv	CRESBARD-CAVOUR LOAMS	49	100	138	8	12	25	36	34	35	43	32	1,147	1.0	1.9
DaA	DAGLUM-RHOADES LOAMS, 0 TO 4 PERCENT SLOPES	29	59	81	5	7	15	21	20	20	25	19	679	0.6	1.1
Do	DOVRAY SILTY CLAY	29	59	81	5	7	15	21	20	20	25	19	679	0.6	1.1
Dv	DOVRAY VARIANT SILTY CLAY	76	155	213	12	19	38	55	52	54	66	50	1,780	1.6	2.9
EcA	ECKMAN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	88	179	247	14	22	44	64	61	62	77	57	2,061	1.8	3.4
EdB	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	84	171	236	14	21	42	61	58	59	73	55	1,967	1.7	3.3
EeB	ECKMAN-ZELL VERY FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
EgB	EDGELEY-KLOTEN COMPLEX, 1 TO 6 PERCENT SLOPES	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
EhA	EGELAND FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	60	122	168	10	15	30	44	41	42	52	39	1,405	1.2	2.3
EkB	EGELAND-EMBDEN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	60	122	168	10	15	30	44	41	42	52	39	1,405	1.2	2.3
Em	EMBDEN FINE SANDY LOAM	66	134	185	11	16	33	48	45	47	58	43	1,546	1.4	2.6
Et	EMBDEN-TIFFANY FINE SANDY LOAMS	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
Ex	EXLINE-ABERDEEN-NAHON SILT LOAMS	39	79	109	6	10	20	28	27	28	34	25	913	0.8	1.5
EyA	EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	46	94	129	7	11	23	33	32	33	40	30	1,077	1.0	1.8
Fe	FERNEY-HEIL COMPLEX	15	31	42	2	4	8	11	10	11	13	10	351	0.3	0.6
Fo	FORDVILLE LOAM	58	118	163	9	14	29	42	40	41	51	38	1,358	1.2	2.2
FsA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	86	175	241	14	21	43	63	59	61	75	56	2,014	1.8	3.3
FsB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	81	165	227	13	20	41	59	56	57	71	53	1,897	1.7	3.1
FtC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	65	132	182	11	16	33	47	45	46	57	42	1,522	1.4	2.5
Fy	FOSSUM FINE SANDY LOAM	31	63	87	5	8	16	23	21	22	27	20	726	0.6	1.2
Ga	GARDENA VERY FINE SANDY LOAM	91	185	255	15	23	46	66	63	64	79	59	2,131	1.9	3.5
Gc	GARDENA-GLYNDON SILT LOAMS	83	169	233	13	21	42	60	57	59	72	54	1,944	1.7	3.2
Gh	GARDENA-TURTON VERY FINE SANDY LOAMS	68	139	191	11	17	34	49	47	48	59	44	1,592	1.4	2.6
Gm	GLYNDON SILT LOAM	76	155	213	12	19	38	55	52	54	66	50	1,780	1.6	2.9
Gn	GLYNDON SILT LOAM, SALINE	63	128	177	10	16	32	46	43	45	55	41	1,475	1.3	2.4
GrA	GREAT BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	93	189	261	15	23	47	68	64	66	81	61	2,178	1.9	3.6
GsB	GREAT BEND-BEOTIA SILT LOAMS, 2 TO 6 PERCENT SLOPES	89	181	250	14	22	45	65	61	63	78	58	2,084	1.9	3.4
GtA	GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	181	250	14	22	45	65	61	63	78	58	2,084	1.9	3.4
GyB	GREAT BEND-ZELL SILT LOAMS, 2 TO 6 PERCENT SLOPES	79	161	222	13	20	40	57	54	56	69	51	1,850	1.6	3.1
GyC	GREAT BEND-ZELL SILT LOAMS, 4 TO 9 PERCENT SLOPES	69	141	194	11	17	35	50	48	49	60	45	1,616	1.4	2.7
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	64	130	180	10	16	32	47	44	45	56	42	1,499	1.3	2.5
Ha	HAMAR LOAMY FINE SAND	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
Hc	HAMERLY LOAM	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
Hd	HAMERLY LOAM, SALINE	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
Hf	HAMERLY-TONKA COMPLEX	70	143	196	11	17	35	51	48	49	61	46	1,639	1.5	2.7
Hh	HAMERLY-VALLERS LOAMS	60	122	168	10	15	30	44	41	42	52	39	1,405	1.2	2.3
Hm	HARMONY VARIANT CLAY LOAM	81	165	227	13	20	41	59	56	57	71	53	1,897	1.7	3.1

Brown County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Hn	HARMONY-ABERDEEN SILTY CLAY LOAMS	79	161	222	13	20	40	57	54	56	69	51	1,850	1.6	3.1
Hp	HARMONY-BEOTIA SILT LOAMS	91	185	255	15	23	46	66	63	64	79	59	2,131	1.9	3.5
Hr	HARRIET LOAM	7	14	20	1	2	4	5	5	5	6	5	164	0.1	0.3
HtB	HECLA-HAMAR LOAMY FINE SANDS, 0 TO 6 PERCENT SLOPES	63	128	177	10	16	32	46	43	45	55	41	1,475	1.3	2.4
Hx	HEIL SILT LOAM	11	22	31	2	3	6	8	8	8	10	7	258	0.2	0.4
Ka	KOTO LOAM	57	116	160	9	14	29	41	39	40	50	37	1,335	1.2	2.2
Kh	KOTO-HARRIET LOAMS	39	79	109	6	10	20	28	27	28	34	25	913	0.8	1.5
KkA	KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	187	258	15	23	46	67	63	65	80	60	2,154	1.9	3.6
KrB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	83	169	233	13	21	42	60	57	59	72	54	1,944	1.7	3.2
Kt	KRATKA LOAMY FINE SAND	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
La	LADELLE SILT LOAM	93	189	261	15	23	47	68	64	66	81	61	2,178	1.9	3.6
Lc	LADELLE SILT LOAM, CHANNELED	29	59	81	5	7	15	21	20	20	25	19	679	0.6	1.1
Le	LAMOURE SILTY CLAY LOAM	69	141	194	11	17	35	50	48	49	60	45	1,616	1.4	2.7
Lg	LA PRAIRIE LOAM	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
Lh	LA PRAIRIE-HARRIET LOAMS	58	118	163	9	14	29	42	40	41	51	38	1,358	1.2	2.2
Lm	LETCHER-EMBDEN-MIRANDA COMPLEX	44	90	123	7	11	22	32	30	31	38	29	1,030	0.9	1.7
Lu	LUDDEN SILTY CLAY	56	114	157	9	14	28	41	39	40	49	36	1,311	1.2	2.2
Lw	LUDDEN SILTY CLAY, PONDED	9	18	25	1	2	5	7	6	6	8	6	211	0.2	0.3
Lx	LUDDEN-LUDDEN, SALINE SILTY CLAYS	41	84	115	7	10	21	30	28	29	36	27	960	0.9	1.6
Lz	LUDDEN SILTY CLAY, PONDED-WATER COMPLEX	7	14	20	1	2	4	5	5	5	6	5	164	0.1	0.3
MaB	MADDOCK-HECLA-HAMAR LOAMY FINE SANDS, 2 TO 8 PERCENT SLOPES	45	92	126	7	11	23	33	31	32	39	29	1,054	0.9	1.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS	47	96	132	8	12	24	34	32	33	41	31	1,101	1.0	1.8
Nc	NAHON-ABERDEEN-EXLINE SILTY CLAY LOAMS, SANDY SUBSTRATUM	45	92	126	7	11	23	33	31	32	39	29	1,054	0.9	1.7
NeA	NIOBELL-NOONAN-WILLIAMS LOAMS, 1 TO 4 PERCENT SLOPES	57	116	160	9	14	29	41	39	40	50	37	1,335	1.2	2.2
Ng	NISHON SILT LOAM	47	96	132	8	12	24	34	32	33	41	31	1,101	1.0	1.8
Nh	NISHON-HEIL SILT LOAMS	32	65	90	5	8	16	23	22	23	28	21	749	0.7	1.2
No	NOONAN-NIOBELL-MIRANDA LOAMS	42	86	118	7	10	21	31	29	30	37	27	984	0.9	1.6
Og	ORTHENTS, GRAVELLY	1	2	3	0	0	1	1	1	1	1	1	23	0.0	0.0
Ot	ORTHENTS, LOAMY	1	2	3	0	0	1	1	1	1	1	1	23	0.0	0.0
Pa	PARNELL SILTY CLAY LOAM	31	63	87	5	8	16	23	21	22	27	20	726	0.6	1.2
Pc	PARNELL SILTY CLAY LOAM, PONDED	9	18	25	1	2	5	7	6	6	8	6	211	0.2	0.3
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	74	151	208	12	18	37	54	51	52	65	48	1,733	1.5	2.9
PfB	PEEVER-BUSE CLAY LOAMS, 1 TO 4 PERCENT SLOPES	61	124	171	10	15	31	44	42	43	53	40	1,428	1.3	2.4
Pg	PITS, GRAVEL	1	2	3	0	0	1	1	1	1	1	1	23	0.0	0.0
Pm	PLAYMOOR SILTY CLAY LOAM	34	69	95	6	8	17	25	23	24	30	22	796	0.7	1.3
Pr	PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	32	65	90	5	8	16	23	22	23	28	21	749	0.7	1.2
Ra	RANSLO SILTY CLAY LOAM	30	61	84	5	7	15	22	21	21	26	20	703	0.6	1.2
Rc	RANSLO-HARRIET LOAMS	17	35	48	3	4	9	12	12	12	15	11	398	0.4	0.7
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	49	100	138	8	12	25	36	34	35	43	32	1,147	1.0	1.9

Brown County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	46	94	129	7	11	23	33	32	33	40	30	1,077	1.0	1.8
Ry	RYAN-LUDDEN COMPLEX	27	55	76	4	7	14	20	19	19	24	18	632	0.6	1.0
SaD	SERDEN FINE SAND, 6 TO 15 PERCENT SLOPES	12	24	34	2	3	6	9	8	8	10	8	281	0.2	0.5
ScB	SERDEN-HAMAR-VENLO LOAMY FINE SANDS, 0 TO 6 PERCENT SLOPES	33	67	93	5	8	17	24	23	23	29	21	773	0.7	1.3
Sd	SLICKSPOTS	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Sf	SPOTTSWOOD-DIVIDE LOAMS, 0 TO 2 PERCENT SLOPES	67	136	188	11	17	34	49	46	47	58	44	1,569	1.4	2.6
Sh	STIRUM FINE SANDY LOAM	31	63	87	5	8	16	23	21	22	27	20	726	0.6	1.2
Sn	STIRUM-STIRUM VARIANT LOAMS	26	53	73	4	6	13	19	18	18	23	17	609	0.5	1.0
SoA	SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	68	139	191	11	17	34	49	47	48	59	44	1,592	1.4	2.6
StB	SWENODA-EMBDEN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	62	126	174	10	15	31	45	43	44	54	40	1,452	1.3	2.4
SvA	SWENODA-TIFFANY VARIANT FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	66	134	185	11	16	33	48	45	47	58	43	1,546	1.4	2.6
SwA	SWENODA-TURTON COMPLEX, 0 TO 3 PERCENT SLOPES	54	110	152	9	13	27	39	37	38	47	35	1,265	1.1	2.1
SxA	SWENODA-TURTON VARIANT COMPLEX, 0 TO 3 PERCENT SLOPES	56	114	157	9	14	28	41	39	40	49	36	1,311	1.2	2.2
TaB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	54	110	152	9	13	27	39	37	38	47	35	1,265	1.1	2.1
TeB	TALLY-LETCHER FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	51	104	143	8	13	26	37	35	36	45	33	1,194	1.1	2.0
Tk	TONKA SILT LOAM	58	118	163	9	14	29	42	40	41	51	38	1,358	1.2	2.2
Tn	TONKA-NISHON SILT LOAMS	54	110	152	9	13	27	39	37	38	47	35	1,265	1.1	2.1
Tr	TOWNER-HECLA LOAMY FINE SANDS	63	128	177	10	16	32	46	43	45	55	41	1,475	1.3	2.4
Tv	TURTON-TURTON VARIANT COMPLEX	39	79	109	6	10	20	28	27	28	34	25	913	0.8	1.5
Un	ULEN FINE SANDY LOAM	71	145	199	12	18	36	52	49	50	62	46	1,663	1.5	2.7
Us	ULEN-STIRUM FINE SANDY LOAMS	60	122	168	10	15	30	44	41	42	52	39	1,405	1.2	2.3
Va	VALLERS CLAY LOAM	50	102	140	8	12	25	36	34	35	44	33	1,171	1.0	1.9
Vs	VALLERS LOAM, SALINE	31	63	87	5	8	16	23	21	22	27	20	726	0.6	1.2
VzC	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	41	84	115	7	10	21	30	28	29	36	27	960	0.9	1.6
VzE	VIDA-ZAHL LOAMS, 9 TO 25 PERCENT SLOPES	27	55	76	4	7	14	20	19	19	24	18	632	0.6	1.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaB	WILLIAMS LOAM, 2 TO 6 PERCENT SLOPES	80	163	225	13	20	40	58	55	57	70	52	1,873	1.7	3.1
WbA	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	83	169	233	13	21	42	60	57	59	72	54	1,944	1.7	3.2
WbB	WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	80	163	225	13	20	40	58	55	57	70	52	1,873	1.7	3.1
WdA	WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	78	159	219	13	19	39	57	54	55	68	51	1,827	1.6	3.0
WdB	WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	75	153	210	12	19	38	55	52	53	65	49	1,756	1.6	2.9
WfA	WILLIAMS-CAVOUR LOAMS, 0 TO 3 PERCENT SLOPES	71	145	199	12	18	36	52	49	50	62	46	1,663	1.5	2.7
WfB	WILLIAMS-CAVOUR LOAMS, 3 TO 6 PERCENT SLOPES	66	134	185	11	16	33	48	45	47	58	43	1,546	1.4	2.6
WhA	WILLIAMS-CRESBARD-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	75	153	210	12	19	38	55	52	53	65	49	1,756	1.6	2.9
WhB	WILLIAMS-CRESBARD-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	72	147	202	12	18	36	52	50	51	63	47	1,686	1.5	2.8
WnB	WILLIAMS-NIOBELL LOAMS, 1 TO 6 PERCENT SLOPES	73	149	205	12	18	37	53	50	52	64	48	1,709	1.5	2.8
WrD	WILLIAMS-VIDA LOAMS, 6 TO 15 PERCENT SLOPES	53	108	149	9	13	27	39	37	37	46	35	1,241	1.1	2.1
WsC	WILLIAMS-ZAHL-BOWBELLS LOAMS, 1 TO 9 PERCENT SLOPES	65	132	182	11	16	33	47	45	46	57	42	1,522	1.4	2.5
Wt	WINSHIP-TONKA SILT LOAMS	76	155	213	12	19	38	55	52	54	66	50	1,780	1.6	2.9
Wy	WYNDMERE FINE SANDY LOAM	75	153	210	12	19	38	55	52	53	65	49	1,756	1.6	2.9

Brown County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wz	WYNDMERE-STIRUM FINE SANDY LOAMS	54	110	152	9	13	27	39	37	38	47	35	1,265	1.1	2.1
ZaD	ZAHL-EMBDEN-WABEK VARIANT COMPLEX, 3 TO 15 PERCENT SLOPES	33	67	93	5	8	17	24	23	23	29	21	773	0.7	1.3
ZdE	ZAHL-KLOTEN-EDGELEY COMPLEX, 9 TO 35 PERCENT SLOPES	19	39	53	3	5	10	14	13	13	17	12	445	0.4	0.7
ZeA	ZELL SILT LOAM, 0 TO 2 PERCENT SLOPES	72	147	202	12	18	36	52	50	51	63	47	1,686	1.5	2.8
ZgD	ZELL-GREAT BEND SILT LOAMS, 6 TO 25 PERCENT SLOPES	51	104	143	8	13	26	37	35	36	45	33	1,194	1.1	2.0

Brule County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		115	186	9	14	40	67	40	62	70	44	1,822	1.7	3.0
	County Average Crop Soil Map Unit Productivity Index =	75.69													
Ar	ARTESIAN SILTY CLAY LOAM	82	125	201	10	15	43	73	44	67	75	48	1,974	1.8	3.2
BeB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	67	102	164	8	13	35	59	36	55	62	39	1,613	1.5	2.7
BeC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	55	84	135	7	10	29	49	29	45	51	32	1,324	1.2	2.2
BgB	BEADLE-JERAULD COMPLEX, 1 TO 5 PERCENT SLOPES	54	82	132	7	10	28	48	29	44	50	31	1,300	1.2	2.1
BmF	BETTS-JAVA LOAMS, 20 TO 40 PERCENT SLOPES	11	17	27	1	2	6	10	6	9	10	6	265	0.2	0.4
Bn	BON LOAM	87	132	213	11	16	45	77	46	71	80	51	2,095	1.9	3.4
Bo	BON LOAM, CHANNELED	35	53	86	4	7	18	31	19	29	32	20	843	0.8	1.4
Bu	BULLCREEK CLAY	12	18	29	1	2	6	11	6	10	11	7	289	0.3	0.5
Ca	CARTER SILT LOAM	40	61	98	5	8	21	35	21	33	37	23	963	0.9	1.6
Cp	CARTER-PROMISE COMPLEX	44	67	108	5	8	23	39	23	36	40	26	1,059	1.0	1.7
Cr	CAVO-JERAULD SILT LOAMS	39	59	96	5	7	20	35	21	32	36	23	939	0.9	1.5
CsD	CHANTIER-SANSARC CLAYS, 2 TO 15 PERCENT SLOPES	7	11	17	1	1	4	6	4	6	6	4	169	0.2	0.3
DaA	DEGREY-EAKIN-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	58	88	142	7	11	30	51	31	48	53	34	1,396	1.3	2.3
DeD	DELMONT LOAM, 6 TO 15 PERCENT SLOPES	14	21	34	2	3	7	12	7	11	13	8	337	0.3	0.6
Do	DORNA SILT LOAM	89	135	218	11	17	47	79	47	73	82	52	2,143	1.9	3.5
Du	DURRSTEIN SILT LOAM	9	14	22	1	2	5	8	5	7	8	5	217	0.2	0.4
EaA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	69	105	169	8	13	36	61	37	57	63	40	1,661	1.5	2.7
Eg	EGAS SILTY CLAY LOAM	9	14	22	1	2	5	8	5	7	8	5	217	0.2	0.4
Ew	EGAS VARIANT SILTY CLAY LOAM	5	8	12	1	1	3	4	3	4	5	3	120	0.1	0.2
Fa	FARMSWORTH SILT LOAM	34	52	83	4	6	18	30	18	28	31	20	819	0.7	1.3
GeE	GETTYS CLAY LOAM, 9 TO 25 PERCENT SLOPES	18	27	44	2	3	9	16	10	15	17	10	433	0.4	0.7
GeF	GETTYS CLAY LOAM, 25 TO 40 PERCENT SLOPES	4	6	10	0	1	2	4	2	3	4	2	96	0.1	0.2
GhA	GLENHAM LOAM, 0 TO 3 PERCENT SLOPES	80	122	196	10	15	42	71	43	66	73	47	1,926	1.7	3.2
GkB	GLENHAM-JAVA LOAMS, 3 TO 6 PERCENT SLOPES	70	106	172	9	13	37	62	37	57	64	41	1,685	1.5	2.8
HgB	HIGHMORE-JAVA COMPLEX, 1 TO 5 PERCENT SLOPES	76	116	186	9	14	40	67	40	62	70	44	1,830	1.7	3.0
HgC	HIGHMORE-JAVA COMPLEX, 5 TO 9 PERCENT SLOPES	64	97	157	8	12	33	57	34	52	59	37	1,541	1.4	2.5
HmA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 4 PERCENT SLOPES	87	132	213	11	16	45	77	46	71	80	51	2,095	1.9	3.4
HoB	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES	12	18	29	1	2	6	11	6	10	11	7	289	0.3	0.5
HsA	HURLEY-SLICKSPOTS COMPLEX, 1 TO 4 PERCENT SLOPES	10	15	25	1	2	5	9	5	8	9	6	241	0.2	0.4
JbE	JAVA-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	17	26	42	2	3	9	15	9	14	16	10	409	0.4	0.7
JgC	JAVA-GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	57	87	140	7	11	30	51	30	47	52	33	1,372	1.2	2.3
Ko	KOLLS SILTY CLAY	31	47	76	4	6	16	27	16	25	28	18	746	0.7	1.2
La	LANE SILTY CLAY LOAM	78	119	191	10	15	41	69	41	64	72	45	1,878	1.7	3.1
Lf	LANE-FARMSWORTH COMPLEX	61	93	150	7	12	32	54	32	50	56	35	1,469	1.3	2.4
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	138	223	11	17	48	81	48	75	84	53	2,191	2.0	3.6
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	85	129	208	10	16	44	75	45	70	78	49	2,046	1.9	3.4
LvA	LOWRY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	91	138	223	11	17	48	81	48	75	84	53	2,191	2.0	3.6

Brule County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LvB	LOWRY VARIANT SILT LOAM, 2 TO 6 PERCENT SLOPES	85	129	208	10	16	44	75	45	70	78	49	2,046	1.9	3.4
MaB	MCCLURE SILT LOAM, 2 TO 6 PERCENT SLOPES	83	126	203	10	16	43	74	44	68	76	48	1,998	1.8	3.3
MaC	MCCLURE SILT LOAM, 6 TO 11 PERCENT SLOPES	65	99	159	8	12	34	58	35	53	60	38	1,565	1.4	2.6
MbA	MILLBORO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	135	218	11	17	47	79	47	73	82	52	2,143	1.9	3.5
MbB	MILLBORO SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	129	208	10	16	44	75	45	70	78	49	2,046	1.9	3.4
MbC	MILLBORO SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	62	94	152	8	12	32	55	33	51	57	36	1,493	1.4	2.5
MoA	MOBRIDGE SILT LOAM	94	143	230	12	18	49	83	50	77	86	55	2,263	2.0	3.7
Mp	MOBRIDGE-PLANKINTON SILT LOAMS	86	131	211	11	16	45	76	46	70	79	50	2,071	1.9	3.4
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Oa	OAHE LOAM, 0 TO 2 PERCENT SLOPES	61	93	150	7	12	32	54	32	50	56	35	1,469	1.3	2.4
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	52	79	127	6	10	27	46	28	43	48	30	1,252	1.1	2.1
OeF	OKATON BOULDERY SILTY CLAY, 15 TO 40 PERCENT SLOPES	2	3	5	0	0	1	2	1	2	2	1	48	0.0	0.1
OkB	OKO LOAM, 2 TO 7 PERCENT SLOPES	49	75	120	6	9	26	43	26	40	45	28	1,180	1.1	1.9
OmB	OPAL SILTY CLAY, 2 TO 6 PERCENT SLOPES	56	85	137	7	11	29	50	30	46	51	33	1,348	1.2	2.2
OmC	OPAL SILTY CLAY, 6 TO 11 PERCENT SLOPES	41	62	100	5	8	21	36	22	34	38	24	987	0.9	1.6
OpB	OPAL CLAY, SALINE, 1 TO 6 PERCENT SLOPES	27	41	66	3	5	14	24	14	22	25	16	650	0.6	1.1
Or	ORTHENTS, LOAMY	10	15	25	1	2	5	9	5	8	9	6	241	0.2	0.4
OtA	ORTON LOAM, 0 TO 2 PERCENT SLOPES	55	84	135	7	10	29	49	29	45	51	32	1,324	1.2	2.2
OtB	ORTON LOAM, 2 TO 6 PERCENT SLOPES	49	75	120	6	9	26	43	26	40	45	28	1,180	1.1	1.9
OwE	ORTON-SCHAMBER LOAMS, 9 TO 25 PERCENT SLOPES	16	24	39	2	3	8	14	9	13	15	9	385	0.3	0.6
Pa	PLANKINTON SILT LOAM	54	82	132	7	10	28	48	29	44	50	31	1,300	1.2	2.1
PrA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	67	102	164	8	13	35	59	36	55	62	39	1,613	1.5	2.7
PrB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	63	96	154	8	12	33	56	34	52	58	37	1,517	1.4	2.5
ReA	REE LOAM, 0 TO 3 PERCENT SLOPES	86	131	211	11	16	45	76	46	70	79	50	2,071	1.9	3.4
ReB	REE LOAM, 3 TO 7 PERCENT SLOPES	74	113	181	9	14	39	66	39	61	68	43	1,782	1.6	2.9
RsF	ROCK OUTCROP-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	3	5	7	0	1	2	3	2	2	3	2	72	0.1	0.1
SaE	SANSARC-OPAL CLAYS, 12 TO 20 PERCENT SLOPES	7	11	17	1	1	4	6	4	6	6	4	169	0.2	0.3
SaF	SANSARC-OPAL CLAYS, 20 TO 40 PERCENT SLOPES	5	8	12	1	1	3	4	3	4	5	3	120	0.1	0.2
ScE	SCHAMBER LOAM, 9 TO 30 PERCENT SLOPES	10	15	25	1	2	5	9	5	8	9	6	241	0.2	0.4
SdF	SULLY SILT LOAM, 25 TO 40 PERCENT SLOPES	5	8	12	1	1	3	4	3	4	5	3	120	0.1	0.2
SoC	SULLY-LOWRY SILT LOAMS, 6 TO 9 PERCENT SLOPES	44	67	108	5	8	23	39	23	36	40	26	1,059	1.0	1.7
SoE	SULLY-LOWRY SILT LOAMS, 9 TO 25 PERCENT SLOPES	21	32	51	3	4	11	19	11	17	19	12	506	0.5	0.8
SsE	SULLY-SCHAMBER COMPLEX, 9 TO 25 PERCENT SLOPES	9	14	22	1	2	5	8	5	7	8	5	217	0.2	0.4
UaA	ULY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	138	223	11	17	48	81	48	75	84	53	2,191	2.0	3.6
UaB	ULY SILT LOAM, 2 TO 6 PERCENT SLOPES	84	128	206	10	16	44	74	45	69	77	49	2,022	1.8	3.3
UaC	ULY SILT LOAM, 6 TO 9 PERCENT SLOPES	75	114	184	9	14	39	66	40	61	69	44	1,806	1.6	3.0
Us	USTORTHENTS, LOAMY	1	2	2	0	0	1	1	1	1	1	1	24	0.0	0.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wd	WENDTE SILTY CLAY	69	105	169	8	13	36	61	37	57	63	40	1,661	1.5	2.7
We	WENDTE SILTY CLAY, CHANNELED	32	49	78	4	6	17	28	17	26	29	19	770	0.7	1.3

Brule County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wo	WORTHING SILTY CLAY LOAM	29	44	71	4	5	15	26	15	24	27	17	698	0.6	1.1
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	8	12	1	1	3	4	3	4	5	3	120	0.1	0.2

Buffalo County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		98	168	7	12	35	66	43	46	76	46	1,670	1.6	2.0
	County Average Crop Soil Map Unit Productivity Index =	67.03													
Ar	ARTESIAN SILTY CLAY LOAM	82	120	206	8	14	43	80	52	56	93	56	2,043	2.0	2.5
BeB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	67	98	168	7	12	35	66	43	46	76	46	1,669	1.6	2.0
BeC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	55	81	138	6	10	29	54	35	38	62	38	1,370	1.3	1.7
BgB	BEADLE-JERAULD COMPLEX, 1 TO 5 PERCENT SLOPES	54	79	135	5	10	28	53	34	37	61	37	1,345	1.3	1.6
BmF	BETTS-JAVA LOAMS, 20 TO 40 PERCENT SLOPES	11	16	28	1	2	6	11	7	8	12	8	274	0.3	0.3
Bn	BON LOAM	87	128	218	9	15	45	85	55	59	98	60	2,168	2.1	2.7
Bo	BON LOAM, CHANNELED	35	51	88	4	6	18	34	22	24	40	24	872	0.9	1.1
Bu	BULLCREEK CLAY	12	18	30	1	2	6	12	8	8	14	8	299	0.3	0.4
Ca	CARTER SILT LOAM	40	59	100	4	7	21	39	25	27	45	27	997	1.0	1.2
Cp	CARTER-PROMISE COMPLEX	44	65	110	4	8	23	43	28	30	50	30	1,096	1.1	1.3
Cr	CAVO-JERAULD SILT LOAMS	39	57	98	4	7	20	38	25	27	44	27	972	1.0	1.2
CsD	CHANTIER-SANSARC CLAYS, 2 TO 15 PERCENT SLOPES	7	10	18	1	1	4	7	4	5	8	5	174	0.2	0.2
DaA	DEGREY-EAKIN-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	58	85	145	6	10	30	57	37	40	66	40	1,445	1.4	1.8
DeD	DELMONT LOAM, 6 TO 15 PERCENT SLOPES	14	21	35	1	2	7	14	9	10	16	10	349	0.3	0.4
Do	DORNA SILT LOAM	89	131	223	9	16	46	87	57	61	101	61	2,217	2.2	2.7
Du	DURRSTEIN SILT LOAM	9	13	23	1	2	5	9	6	6	10	6	224	0.2	0.3
EaA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	69	101	173	7	12	36	68	44	47	78	47	1,719	1.7	2.1
Eg	EGAS SILTY CLAY LOAM	9	13	23	1	2	5	9	6	6	10	6	224	0.2	0.3
Ew	EGAS VARIANT SILTY CLAY LOAM	5	7	13	1	1	3	5	3	3	6	3	125	0.1	0.2
Fa	FARMSWORTH SILT LOAM	34	50	85	3	6	18	33	22	23	38	23	847	0.8	1.0
GeE	GETTYS CLAY LOAM, 9 TO 25 PERCENT SLOPES	18	26	45	2	3	9	18	11	12	20	12	448	0.4	0.5
GeF	GETTYS CLAY LOAM, 25 TO 40 PERCENT SLOPES	4	6	10	0	1	2	4	3	3	5	3	100	0.1	0.1
GhA	GLENHAM LOAM, 0 TO 3 PERCENT SLOPES	80	118	201	8	14	41	78	51	55	90	55	1,993	2.0	2.4
GkB	GLENHAM-JAVA LOAMS, 3 TO 6 PERCENT SLOPES	70	103	175	7	12	36	68	45	48	79	48	1,744	1.7	2.1
HgB	HIGHMORE-JAVA COMPLEX, 1 TO 5 PERCENT SLOPES	76	112	191	8	13	39	74	48	52	86	52	1,894	1.9	2.3
HgC	HIGHMORE-JAVA COMPLEX, 5 TO 9 PERCENT SLOPES	64	94	160	7	11	33	63	41	44	72	44	1,595	1.6	2.0
HmA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 4 PERCENT SLOPES	87	128	218	9	15	45	85	55	59	98	60	2,168	2.1	2.7
HoB	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES	12	18	30	1	2	6	12	8	8	14	8	299	0.3	0.4
HsA	HURLEY-SLICKSPOTS COMPLEX, 1 TO 4 PERCENT SLOPES	10	15	25	1	2	5	10	6	7	11	7	249	0.2	0.3
JbE	JAVA-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	17	25	43	2	3	9	17	11	12	19	12	424	0.4	0.5
JgC	JAVA-GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	57	84	143	6	10	30	56	36	39	64	39	1,420	1.4	1.7
Ko	KOLLS SILTY CLAY	31	46	78	3	5	16	30	20	21	35	21	772	0.8	0.9
La	LANE SILTY CLAY LOAM	78	115	196	8	14	40	76	50	53	88	54	1,943	1.9	2.4
Lf	LANE-FARMSWORTH COMPLEX	61	90	153	6	11	32	60	39	42	69	42	1,520	1.5	1.9
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	134	228	9	16	47	89	58	62	103	62	2,267	2.2	2.8
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	85	125	213	9	15	44	83	54	58	96	58	2,118	2.1	2.6
LvA	LOWRY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	91	134	228	9	16	47	89	58	62	103	62	2,267	2.2	2.8

Buffalo County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LvB	LOWRY VARIANT SILT LOAM, 2 TO 6 PERCENT SLOPES	85	125	213	9	15	44	83	54	58	96	58	2,118	2.1	2.6
MaB	MCCLURE SILT LOAM, 2 TO 6 PERCENT SLOPES	83	122	208	8	15	43	81	53	57	94	57	2,068	2.0	2.5
MaC	MCCLURE SILT LOAM, 6 TO 11 PERCENT SLOPES	65	96	163	7	11	34	64	41	44	73	45	1,619	1.6	2.0
MbA	MILLBORO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	131	223	9	16	46	87	57	61	101	61	2,217	2.2	2.7
MbB	MILLBORO SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	125	213	9	15	44	83	54	58	96	58	2,118	2.1	2.6
MbC	MILLBORO SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	62	91	155	6	11	32	61	39	42	70	43	1,545	1.5	1.9
MoA	MOBRIDGE SILT LOAM	94	138	236	10	17	49	92	60	64	106	65	2,342	2.3	2.9
Mp	MOBRIDGE-PLANKINTON SILT LOAMS	86	126	216	9	15	45	84	55	59	97	59	2,143	2.1	2.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Oa	OAHE LOAM, 0 TO 2 PERCENT SLOPES	61	90	153	6	11	32	60	39	42	69	42	1,520	1.5	1.9
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	52	76	130	5	9	27	51	33	35	59	36	1,296	1.3	1.6
OeF	OKATON BOULDERY SILTY CLAY, 15 TO 40 PERCENT SLOPES	2	3	5	0	0	1	2	1	1	2	1	50	0.0	0.1
OkB	OKO LOAM, 2 TO 7 PERCENT SLOPES	49	72	123	5	9	25	48	31	33	55	34	1,221	1.2	1.5
OmB	OPAL SILTY CLAY, 2 TO 6 PERCENT SLOPES	56	82	140	6	10	29	55	36	38	63	38	1,395	1.4	1.7
OmC	OPAL SILTY CLAY, 6 TO 11 PERCENT SLOPES	41	60	103	4	7	21	40	26	28	46	28	1,022	1.0	1.3
OpB	OPAL CLAY, SALINE, 1 TO 6 PERCENT SLOPES	27	40	68	3	5	14	26	17	18	31	19	673	0.7	0.8
Or	ORTHENTS, LOAMY	10	15	25	1	2	5	10	6	7	11	7	249	0.2	0.3
OtA	ORTON LOAM, 0 TO 2 PERCENT SLOPES	55	81	138	6	10	29	54	35	38	62	38	1,370	1.3	1.7
OtB	ORTON LOAM, 2 TO 6 PERCENT SLOPES	49	72	123	5	9	25	48	31	33	55	34	1,221	1.2	1.5
OwE	ORTON-SCHAMBER LOAMS, 9 TO 25 PERCENT SLOPES	16	24	40	2	3	8	16	10	11	18	11	399	0.4	0.5
Pa	PLANKINTON SILT LOAM	54	79	135	5	10	28	53	34	37	61	37	1,345	1.3	1.6
PrA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	67	98	168	7	12	35	66	43	46	76	46	1,669	1.6	2.0
PrB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	63	93	158	6	11	33	62	40	43	71	43	1,570	1.5	1.9
ReA	REE LOAM, 0 TO 3 PERCENT SLOPES	86	126	216	9	15	45	84	55	59	97	59	2,143	2.1	2.6
ReB	REE LOAM, 3 TO 7 PERCENT SLOPES	74	109	186	8	13	38	72	47	51	84	51	1,844	1.8	2.3
RsF	ROCK OUTCROP-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	3	4	8	0	1	2	3	2	2	3	2	75	0.1	0.1
SaE	SANSARC-OPAL CLAYS, 12 TO 20 PERCENT SLOPES	7	10	18	1	1	4	7	4	5	8	5	174	0.2	0.2
SaF	SANSARC-OPAL CLAYS, 20 TO 40 PERCENT SLOPES	5	7	13	1	1	3	5	3	3	6	3	125	0.1	0.2
ScE	SCHAMBER LOAM, 9 TO 30 PERCENT SLOPES	10	15	25	1	2	5	10	6	7	11	7	249	0.2	0.3
SdF	SULLY SILT LOAM, 25 TO 40 PERCENT SLOPES	5	7	13	1	1	3	5	3	3	6	3	125	0.1	0.2
SoC	SULLY-LOWRY SILT LOAMS, 6 TO 9 PERCENT SLOPES	44	65	110	4	8	23	43	28	30	50	30	1,096	1.1	1.3
SoE	SULLY-LOWRY SILT LOAMS, 9 TO 25 PERCENT SLOPES	21	31	53	2	4	11	21	13	14	24	14	523	0.5	0.6
SsE	SULLY-SCHAMBER COMPLEX, 9 TO 25 PERCENT SLOPES	9	13	23	1	2	5	9	6	6	10	6	224	0.2	0.3
UaA	ULY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	134	228	9	16	47	89	58	62	103	62	2,267	2.2	2.8
UaB	ULY SILT LOAM, 2 TO 6 PERCENT SLOPES	84	123	211	9	15	44	82	53	57	95	58	2,093	2.1	2.6
UaC	ULY SILT LOAM, 6 TO 9 PERCENT SLOPES	75	110	188	8	13	39	73	48	51	85	51	1,869	1.8	2.3
Us	USTORTHENTS, LOAMY	1	1	3	0	0	1	1	1	1	1	1	25	0.0	0.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wd	WENDTE SILTY CLAY	69	101	173	7	12	36	68	44	47	78	47	1,719	1.7	2.1
We	WENDTE SILTY CLAY, CHANNELED	32	47	80	3	6	17	31	20	22	36	22	797	0.8	1.0

Buffalo County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wo	WORTHING SILTY CLAY LOAM	29	43	73	3	5	15	28	18	20	33	20	723	0.7	0.9
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	7	13	1	1	3	5	3	3	6	3	125	0.1	0.2

Butte County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		65	127	5	12	22	38	28	33	45	51	1,561	1.2	2.4
	County Average Crop Soil Map Unit Productivity Index =	45.06													
AbA	ABSHER-LOBURN FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	24	35	67	2	6	12	20	15	18	24	27	831	0.7	1.3
AbB	ABSHER-LOBURN FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	20	29	56	2	5	10	17	12	15	20	23	693	0.5	1.1
AeB	ABSHER-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	13	19	37	1	3	6	11	8	10	13	15	450	0.4	0.7
AfB	ALICE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	54	78	152	5	14	26	46	33	40	54	61	1,870	1.5	2.8
AfC	ALICE FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	45	65	126	5	12	22	38	28	33	45	51	1,558	1.2	2.4
AlA	ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	57	82	160	6	15	28	48	35	42	57	64	1,974	1.6	3.0
AlB	ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	51	73	143	5	13	25	43	31	37	51	58	1,766	1.4	2.7
AnA	ARCHIN-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	24	35	67	2	6	12	20	15	18	24	27	831	0.7	1.3
ArA	ARVADA SILT LOAM, 0 TO 3 PERCENT SLOPES	10	14	28	1	3	5	8	6	7	10	11	346	0.3	0.5
AsA	ARVADA-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	9	13	25	1	2	4	8	6	7	9	10	312	0.2	0.5
AtA	ASSINNIBOINE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	83	119	233	8	21	40	70	51	61	83	94	2,874	2.3	4.4
BaA	BACA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	50	72	140	5	13	24	42	31	37	50	56	1,732	1.4	2.6
BaB	BACA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	43	62	121	4	11	21	36	26	31	43	49	1,489	1.2	2.3
Bd	BADLAND	7	10	20	1	2	3	6	4	5	7	8	242	0.2	0.4
Be	BARNUM SILT LOAM	78	112	219	8	20	38	66	48	57	78	88	2,701	2.1	4.1
Bh	BARNUM SILT LOAM, CHANNELED	31	45	87	3	8	15	26	19	23	31	35	1,074	0.9	1.6
BlA	BELFIELD-LOBURN SILT LOAMS, 0 TO 3 PERCENT SLOPES	56	81	157	6	14	27	47	34	41	56	63	1,939	1.5	2.9
BlB	BELFIELD-LOBURN SILT LOAMS, 3 TO 6 PERCENT SLOPES	51	73	143	5	13	25	43	31	37	51	58	1,766	1.4	2.7
BmA	BIDMAN LOAM, 0 TO 3 PERCENT SLOPES	62	89	174	6	16	30	52	38	45	62	70	2,147	1.7	3.3
BmB	BIDMAN LOAM, 3 TO 6 PERCENT SLOPES	54	78	152	5	14	26	46	33	40	54	61	1,870	1.5	2.8
Bo	BLOWOUT LAND	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
BrB	BIDMAN-REDIG COMPLEX, 2 TO 9 PERCENT SLOPES	42	60	118	4	11	20	36	26	31	42	47	1,455	1.2	2.2
BsB	BONEEK SILT LOAM, 2 TO 6 PERCENT SLOPES	62	89	174	6	16	30	52	38	45	62	70	2,147	1.7	3.3
BsC	BONEEK SILT LOAM, 6 TO 9 PERCENT SLOPES	52	75	146	5	13	25	44	32	38	52	59	1,801	1.4	2.7
BtB	BROADHURST CLAY, 0 TO 6 PERCENT SLOPES	44	63	124	4	11	21	37	27	32	44	50	1,524	1.2	2.3
BuD	BUTCHE-BONEEK COMPLEX, 6 TO 25 PERCENT SLOPES	22	32	62	2	6	11	19	13	16	22	25	762	0.6	1.2
BvF	BUTCHE-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	1	1	3	0	0	0	1	1	1	1	1	35	0.0	0.1
CaF	CABBART LOAM, 25 TO 40 PERCENT SLOPES	3	4	8	0	1	1	3	2	2	3	3	104	0.1	0.2
CbD	CABBART-LISMAS COMPLEX, 6 TO 18 PERCENT SLOPES	14	20	39	1	4	7	12	9	10	14	16	485	0.4	0.7
CcF	CABBART-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	2	3	6	0	1	1	2	1	1	2	2	69	0.1	0.1
CgD	CABBART-SCROGGIN LOAMS, 6 TO 25 PERCENT SLOPES	13	19	37	1	3	6	11	8	10	13	15	450	0.4	0.7
ClF	CANYON-COLBY SILT LOAMS, 25 TO 50 PERCENT SLOPES	9	13	25	1	2	4	8	6	7	9	10	312	0.2	0.5
CmA	NUNN LOAM, 0 TO 2 PERCENT SLOPES	88	127	247	9	23	43	75	54	64	88	99	3,048	2.4	4.6
CmB	NUNN LOAM, 2 TO 6 PERCENT SLOPES	83	119	233	8	21	40	70	51	61	83	94	2,874	2.3	4.4
CmC	NUNN LOAM, 6 TO 9 PERCENT SLOPES	61	88	171	6	16	30	52	37	45	61	69	2,113	1.7	3.2
CnA	CHINOOK FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	59	85	166	6	15	29	50	36	43	59	67	2,043	1.6	3.1
CoD	COLBY-CANYON SILT LOAMS, 6 TO 25 PERCENT SLOPES	32	46	90	3	8	16	27	20	23	32	36	1,108	0.9	1.7

Butte County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
DsA	DIX SANDY LOAM, 0 TO 3 PERCENT SLOPES	27	39	76	3	7	13	23	17	20	27	30	935	0.7	1.4
EpD	EPSIE CLAY, 3 TO 25 PERCENT SLOPES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
EsE	EPSIE-SHALE LAND COMPLEX, 9 TO 45 PERCENT SLOPES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
GgA	GLENBERG FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	44	63	124	4	11	21	37	27	32	44	50	1,524	1.2	2.3
GgB	GLENBERG FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	43	62	121	4	11	21	36	26	31	43	49	1,489	1.2	2.3
Gh	GLENBERG AND HAVERSON SOILS	34	49	96	3	9	17	29	21	25	34	38	1,177	0.9	1.8
GnC	GRANER CLAY, 3 TO 25 PERCENT SLOPES	15	22	42	2	4	7	13	9	11	15	17	519	0.4	0.8
GrE	GRUMMIT CLAY, 3 TO 25 PERCENT SLOPES	11	16	31	1	3	5	9	7	8	11	12	381	0.3	0.6
Ha	HANLY LOAMY FINE SAND,	25	36	70	3	6	12	21	15	18	25	28	866	0.7	1.3
HeA	HAVERSON LOAM, 0 TO 2 PERCENT SLOPES	76	109	214	8	20	37	64	46	56	76	86	2,632	2.1	4.0
HeB	HAVERSON LOAM, 2 TO 6 PERCENT SLOPES	76	109	214	8	20	37	64	46	56	76	86	2,632	2.1	4.0
HlB	HISLE LOAM, 0 TO 9 PERCENT SLOPES	10	14	28	1	3	5	8	6	7	10	11	346	0.3	0.5
HsB	HISLE-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	7	10	20	1	2	3	6	4	5	7	8	242	0.2	0.4
KeA	KEITH SILT LOAM, 0 TO 2 PERCENT SLOPES	89	128	250	9	23	43	75	54	65	89	101	3,082	2.4	4.7
KeB	KEITH SILT LOAM, 2 TO 6 PERCENT SLOPES	83	119	233	8	21	40	70	51	61	83	94	2,874	2.3	4.4
KeC	KEITH SILT LOAM, 6 TO 9 PERCENT SLOPES	72	104	202	7	19	35	61	44	53	72	81	2,493	2.0	3.8
KlA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	64	92	180	6	17	31	54	39	47	64	72	2,216	1.8	3.4
KlB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	56	81	157	6	14	27	47	34	41	56	63	1,939	1.5	2.9
KlC	KYLE CLAY, 6 TO 9 PERCENT SLOPES	48	69	135	5	12	23	41	29	35	48	54	1,662	1.3	2.5
Kt	KYLE CLAY, TERRACE	65	93	183	7	17	32	55	40	48	65	73	2,251	1.8	3.4
KuB	KYLE-PIERRE CLAYS, 0 TO 6 PERCENT SLOPES	48	69	135	5	12	23	41	29	35	48	54	1,662	1.3	2.5
LaF	LAKOA-COLBY ASSOCIATION, 9 TO 50 PERCENT SLOPES	6	9	17	1	2	3	5	4	4	6	7	208	0.2	0.3
LcE	LISMAS CLAY, 3 TO 25 PERCENT SLOPES	11	16	31	1	3	5	9	7	8	11	12	381	0.3	0.6
LeD	LISMAS-PIERRE CLAYS, 3 TO 18 PERCENT SLOPES	23	33	65	2	6	11	19	14	17	23	26	797	0.6	1.2
Lm	HAVERSON LOAM, CHANNELED, 0 TO 3 PERCENT SLOPES	32	46	90	3	8	16	27	20	23	32	36	1,108	0.9	1.7
LnA	LOHMILLER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	68	98	191	7	18	33	58	42	50	68	77	2,355	1.9	3.6
LnB	LOHMILLER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	60	86	169	6	15	29	51	37	44	60	68	2,078	1.6	3.2
Lo	SAGE SILTY CLAY LOAM, 0 TO 6 PERCENT SLOPES	3	4	8	0	1	1	3	2	2	3	3	104	0.1	0.2
Ls	LOHMILLER SILTY CLAY LOAM, ACID VARIANT	28	40	79	3	7	14	24	17	21	28	32	970	0.8	1.5
MaA	MANTER FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	59	85	166	6	15	29	50	36	43	59	67	2,043	1.6	3.1
MaB	MANTER FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	54	78	152	5	14	26	46	33	40	54	61	1,870	1.5	2.8
McA	MANVEL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	68	98	191	7	18	33	58	42	50	68	77	2,355	1.9	3.6
McB	MANVEL SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	58	83	163	6	15	28	49	35	42	58	66	2,009	1.6	3.1
Mh	AQUOLLS	5	7	14	1	1	2	4	3	4	5	6	173	0.1	0.3
MlA	MAWER FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	59	85	166	6	15	29	50	36	43	59	67	2,043	1.6	3.1
MlB	MAWER FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	51	73	143	5	13	25	43	31	37	51	58	1,766	1.4	2.7
Mn	MCKENZIE CLAY	13	19	37	1	3	6	11	8	10	13	15	450	0.4	0.7
MoE	MIDWAY SILTY CLAY LOAM, 6 TO 25 PERCENT SLOPES	8	12	22	1	2	4	7	5	6	8	9	277	0.2	0.4
MrD	MIDWAY-RAZOR SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES	29	42	81	3	7	14	25	18	21	29	33	1,004	0.8	1.5
Ms	MINATARE-WHITELAKE FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	23	33	65	2	6	11	19	14	17	23	26	797	0.6	1.2

Butte County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Mt	MINE PITS AND DUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
MuB	MINNEQUA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	57	82	160	6	15	28	48	35	42	57	64	1,974	1.6	3.0
MuC	MINNEQUA SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	44	63	124	4	11	21	37	27	32	44	50	1,524	1.2	2.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NeB	NEVEE SILT LOAM, 2 TO 6 PERCENT SLOPES	63	91	177	6	16	31	53	39	46	63	71	2,182	1.7	3.3
NsD	NEVEE-SPEARFISH SILT LOAMS, 6 TO 25 PERCENT SLOPES	13	19	37	1	3	6	11	8	10	13	15	450	0.4	0.7
ObA	LOBURN LOAM, 0 TO 3 PERCENT SLOPES	36	52	101	4	9	18	30	22	26	36	41	1,247	1.0	1.9
Og	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Or	ORTHENTS, CLAYEY	1	1	3	0	0	0	1	1	1	1	1	35	0.0	0.1
PaA	PARSHALL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	63	91	177	6	16	31	53	39	46	63	71	2,182	1.7	3.3
PeE	ENNING SILTY CLAY LOAM, 6 TO 25 PERCENT SLOPES	14	20	39	1	4	7	12	9	10	14	16	485	0.4	0.7
PmD	ENNING-MINNEQUA SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES	24	35	67	2	6	12	20	15	18	24	27	831	0.7	1.3
PrA	PIERRE CLAY, 0 TO 2 PERCENT SLOPES	57	82	160	6	15	28	48	35	42	57	64	1,974	1.6	3.0
PrB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	47	68	132	5	12	23	40	29	34	47	53	1,628	1.3	2.5
PrD	PIERRE CLAY, 6 TO 21 PERCENT SLOPES	14	20	39	1	4	7	12	9	10	14	16	485	0.4	0.7
RaB	RALPH LOAM, 3 TO 6 PERCENT SLOPES	50	72	140	5	13	24	42	31	37	50	56	1,732	1.4	2.6
RcA	RAZOR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	62	89	174	6	16	30	52	38	45	62	70	2,147	1.7	3.3
RcB	RAZOR SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	57	82	160	6	15	28	48	35	42	57	64	1,974	1.6	3.0
RcC	RAZOR SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	46	66	129	5	12	22	39	28	34	46	52	1,593	1.3	2.4
RdE	REDIG CLAY LOAM, 9 TO 25 PERCENT SLOPES	14	20	39	1	4	7	12	9	10	14	16	485	0.4	0.7
Rh	RIVERWASH	1	1	3	0	0	0	1	1	1	1	1	35	0.0	0.1
RsF	ROCK OUTCROP-SPEARFISH COMPLEX, 25 TO 50 PERCENT SLOPES	5	7	14	1	1	2	4	3	4	5	6	173	0.1	0.3
Sa	SAGE-SLICKSPOTS COMPLEX, 0 TO 15 PERCENT SLOPES	4	6	11	0	1	2	3	2	3	4	5	139	0.1	0.2
Sb	SAGE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	7	10	20	1	2	3	6	4	5	7	8	242	0.2	0.4
ScA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	82	118	230	8	21	40	69	50	60	82	93	2,840	2.3	4.3
ScB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	78	112	219	8	20	38	66	48	57	78	88	2,701	2.1	4.1
ScC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	62	89	174	6	16	30	52	38	45	62	70	2,147	1.7	3.3
SdA	SAVO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	87	125	244	9	22	42	74	53	64	87	98	3,013	2.4	4.6
SdB	SAVO SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	115	225	8	21	39	68	49	59	80	90	2,771	2.2	4.2
SeE	SCHAMBER LOAM, 6 TO 25 PERCENT SLOPES	11	16	31	1	3	5	9	7	8	11	12	381	0.3	0.6
Sg	SHALE LAND	3	4	8	0	1	1	3	2	2	3	3	104	0.1	0.2
ShF	SHALE LAND-GRUMMIT COMPLEX, 15 TO 45 PERCENT SLOPES	2	3	6	0	1	1	2	1	1	2	2	69	0.1	0.1
SkB	SLICKSPOTS-DEMAR COMPLEX, 0 TO 6 PERCENT SLOPES	15	22	42	2	4	7	13	9	11	15	17	519	0.4	0.8
SlB	SLICKSPOTS-WASA COMPLEX, 0 TO 6 PERCENT SLOPES	4	6	11	0	1	2	3	2	3	4	5	139	0.1	0.2
SmE	SNOMO-SHALE LAND COMPLEX, 3 TO 25 PERCENT SLOPES	6	9	17	1	2	3	5	4	4	6	7	208	0.2	0.3
SnB	SORUM FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	34	49	96	3	9	17	29	21	25	34	38	1,177	0.9	1.8
Sr	STETTER CLAY	40	58	112	4	10	19	34	24	29	40	45	1,385	1.1	2.1
Ss	STETTER CLAY, CHANNELED	29	42	81	3	7	14	25	18	21	29	33	1,004	0.8	1.5
St	LISMAS CLAY, 12 TO 45 PERCENT SLOPES, STONY	3	4	8	0	1	1	3	2	2	3	3	104	0.1	0.2
SuA	SWANBOY CLAY, 0 TO 3 PERCENT SLOPES	9	13	25	1	2	4	8	6	7	9	10	312	0.2	0.5

Butte County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Sv	SWANBOY-SLICKSPOTS COMPLEX	8	12	22	1	2	4	7	5	6	8	9	277	0.2	0.4
Te	LISMAS-SHALE OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	8	12	22	1	2	4	7	5	6	8	9	277	0.2	0.4
TfD	TWILIGHT FINE SANDY LOAM, 3 TO 25 PERCENT SLOPES	15	22	42	2	4	7	13	9	11	15	17	519	0.4	0.8
TgC	TWILIGHT-ASSINNIBOINE FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	39	56	110	4	10	19	33	24	29	39	44	1,351	1.1	2.1
ThD	TWILIGHT-BLACKHALL FINE SANDY LOAMS, 6 TO 18 PERCENT SLOPES	12	17	34	1	3	6	10	7	9	12	14	416	0.3	0.6
ToB	TWOTOP CLAY, 0 TO 9 PERCENT SLOPES	33	47	93	3	9	16	28	20	24	33	37	1,143	0.9	1.7
VaA	VALE SILT LOAM, 0 TO 2 PERCENT SLOPES	92	132	258	9	24	45	78	56	67	92	104	3,186	2.5	4.8
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaB	WASA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	7	10	20	1	2	3	6	4	5	7	8	242	0.2	0.4
WhA	WHITELAKE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	43	62	121	4	11	21	36	26	31	43	49	1,489	1.2	2.3
WnB	WINLER CLAY, 0 TO 9 PERCENT SLOPES	12	17	34	1	3	6	10	7	9	12	14	416	0.3	0.6
ZeB	ZEONA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	29	42	81	3	7	14	25	18	21	29	33	1,004	0.8	1.5

Campbell County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		99	153	8	17	33	52	40	51	72	45	1,775	1.8	1.9
	County Average Crop Soil Map Unit Productivity Index =	68.6													
10	CAPA SILT LOAM, 0 TO 6 PERCENT SLOPES	18	26	40	2	5	9	14	10	13	19	12	466	0.5	0.5
11	CAPA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	15	22	34	2	4	7	11	9	11	16	10	388	0.4	0.4
13A	TALLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	58	84	130	7	15	28	44	34	43	61	38	1,501	1.5	1.6
13B	TALLY FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	54	78	121	6	14	26	41	31	40	57	35	1,397	1.4	1.5
13C	TALLY FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	45	65	101	5	11	21	34	26	33	48	29	1,164	1.2	1.3
15	HARRIET SILT LOAM	7	10	16	1	2	3	5	4	5	7	5	181	0.2	0.2
16	EGAS SILTY CLAY LOAM	7	10	16	1	2	3	5	4	5	7	5	181	0.2	0.2
17	HECLA LOAMY SAND	65	94	145	8	16	31	49	38	48	69	42	1,682	1.7	1.8
18	PARSHALL FINE SANDY LOAM	62	90	139	7	16	30	47	36	46	65	40	1,604	1.6	1.7
19	HEIL SILT LOAM	13	19	29	2	3	6	10	8	10	14	8	336	0.3	0.4
1A	BOWBELLS LOAM	92	133	206	11	23	44	70	53	68	97	60	2,380	2.4	2.6
2	GRAIL SILTY CLAY LOAM	88	127	197	10	22	42	67	51	65	93	57	2,277	2.3	2.5
20D	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES	21	30	47	2	5	10	16	12	15	22	14	543	0.5	0.6
21A	LINTON-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	87	126	194	10	22	41	66	51	64	92	57	2,251	2.3	2.4
21B	LINTON SILT LOAM, 3 TO 6 PERCENT SLOPES	82	118	183	10	21	39	62	48	60	87	53	2,122	2.1	2.3
21C	LINTON-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	67	97	150	8	17	32	51	39	49	71	44	1,734	1.7	1.9
21D	SULLY-ZAHL COMPLEX, 9 TO 40 PERCENT SLOPES	16	23	36	2	4	8	12	9	12	17	10	414	0.4	0.4
22B	LINTON-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	78	113	174	9	20	37	59	45	57	82	51	2,018	2.0	2.2
22C	LINTON SILT LOAM, 6 TO 9 PERCENT SLOPES	70	101	156	8	18	33	53	41	52	74	46	1,811	1.8	2.0
24A	YECROSS LOAMY SAND, 0 TO 6 PERCENT SLOPES	36	52	80	4	9	17	27	21	27	38	23	931	0.9	1.0
24C	YECROSS LOAMY SAND, 6 TO 15 PERCENT SLOPES	25	36	56	3	6	12	19	15	18	26	16	647	0.6	0.7
27B	MADDOCK LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	33	48	74	4	8	16	25	19	24	35	21	854	0.9	0.9
27C	MADDOCK LOAMY FINE SAND, 6 TO 12 PERCENT SLOPES	17	25	38	2	4	8	13	10	13	18	11	440	0.4	0.5
28	WYNDMERE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	65	94	145	8	16	31	49	38	48	69	42	1,682	1.7	1.8
29	VALLERS LOAM	47	68	105	6	12	22	36	27	35	50	31	1,216	1.2	1.3
30	PARNELL SILTY CLAY LOAM, PONDED	7	10	16	1	2	3	5	4	5	7	5	181	0.2	0.2
31E	LIHEN LOAMY FINE SAND, 9 TO 20 PERCENT SLOPES	6	9	13	1	2	3	5	3	4	6	4	155	0.2	0.2
32F	FLASHER LOAMY FINE SAND, 25 TO 50 PERCENT SLOPES	3	4	7	0	1	1	2	2	2	3	2	78	0.1	0.1
34A	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES	63	91	141	7	16	30	48	37	46	67	41	1,630	1.6	1.8
34B	BOWDLE LOAM, 3 TO 6 PERCENT SLOPES	55	79	123	6	14	26	42	32	40	58	36	1,423	1.4	1.5
36B	LEHR-WABEK LOAMS, 2 TO 6 PERCENT SLOPES	34	49	76	4	9	16	26	20	25	36	22	880	0.9	0.9
38	PARNELL SILTY CLAY LOAM	32	46	72	4	8	15	24	19	24	34	21	828	0.8	0.9
39E	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	7	10	16	1	2	3	5	4	5	7	5	181	0.2	0.2
4	GRASSNA SILT LOAM	97	140	217	11	24	46	74	56	71	102	63	2,510	2.5	2.7
40B	OPAL CLAY, 3 TO 6 PERCENT SLOPES	56	81	125	7	14	27	42	33	41	59	36	1,449	1.4	1.6
40C	OPAL CLAY, 6 TO 9 PERCENT SLOPES	46	66	103	5	12	22	35	27	34	49	30	1,190	1.2	1.3
40D	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	28	40	63	3	7	13	21	16	21	30	18	724	0.7	0.8

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
41A	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	71	103	159	8	18	34	54	41	52	75	46	1,837	1.8	2.0
41B	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	67	97	150	8	17	32	51	39	49	71	44	1,734	1.7	1.9
41C	PROMISE-OPAL CLAYS, 6 TO 9 PERCENT SLOPES	53	77	118	6	13	25	40	31	39	56	34	1,371	1.4	1.5
5	WILLIAMS-NOONAN LOAMS, 0 TO 4 PERCENT SLOPES	69	100	154	8	17	33	52	40	51	73	45	1,785	1.8	1.9
51	TONKA SILT LOAM	58	84	130	7	15	28	44	34	43	61	38	1,501	1.5	1.6
52A	LEHR LOAM, 0 TO 3 PERCENT SLOPES	41	59	92	5	10	20	31	24	30	43	27	1,061	1.1	1.1
52B	LEHR LOAM, 3 TO 6 PERCENT SLOPES	40	58	89	5	10	19	30	23	29	42	26	1,035	1.0	1.1
53D	WABEK-LEHR LOAMS, 6 TO 15 PERCENT SLOPES	22	32	49	3	6	10	17	13	16	23	14	569	0.6	0.6
53E	WABEK LOAM, 9 TO 25 PERCENT SLOPES	6	9	13	1	2	3	5	3	4	6	4	155	0.2	0.2
54	DIVIDE LOAM, 0 TO 4 PERCENT SLOPES	55	79	123	6	14	26	42	32	40	58	36	1,423	1.4	1.5
56	REGAN SILT LOAM	29	42	65	3	7	14	22	17	21	31	19	750	0.8	0.8
57A	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	87	126	194	10	22	41	66	51	64	92	57	2,251	2.3	2.4
57B	WILLIAMS-BOWBELLS LOAMS, 3 TO 6 PERCENT SLOPES	82	118	183	10	21	39	62	48	60	87	53	2,122	2.1	2.3
57C	WILLIAMS-VIDA LOAMS, 6 TO 9 PERCENT SLOPES	62	90	139	7	16	30	47	36	46	65	40	1,604	1.6	1.7
58B	WILLIAMS-VIDA LOAMS, 3 TO 6 PERCENT SLOPES	76	110	170	9	19	36	58	44	56	80	49	1,966	2.0	2.1
59D	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	39	56	87	5	10	19	30	23	29	41	25	1,009	1.0	1.1
61E	ZAHL-VIDA LOAMS, 9 TO 30 PERCENT SLOPES	26	38	58	3	7	12	20	15	19	27	17	673	0.7	0.7
62	VIDA VERY STONY LOAM, 3 TO 15 PERCENT SLOPES	6	9	13	1	2	3	5	3	4	6	4	155	0.2	0.2
65B	BRYANT-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	79	114	177	9	20	38	60	46	58	83	51	2,044	2.0	2.2
65C	BRYANT-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	66	95	147	8	17	31	50	38	49	70	43	1,708	1.7	1.8
65D	SUTLEY-LINTON SILT LOAMS, 9 TO 15 PERCENT SLOPES	48	69	107	6	12	23	36	28	35	51	31	1,242	1.2	1.3
66	ARVESON FINE SANDY LOAM	53	77	118	6	13	25	40	31	39	56	34	1,371	1.4	1.5
67A	FARNUF LOAM, 0 TO 3 PERCENT SLOPES	84	121	188	10	21	40	64	49	62	89	55	2,173	2.2	2.3
67B	FARNUF LOAM, 3 TO 6 PERCENT SLOPES	80	116	179	9	20	38	61	46	59	84	52	2,070	2.1	2.2
68A	BRYANT-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	90	130	201	11	23	43	68	52	66	95	59	2,329	2.3	2.5
68B	BRYANT SILT LOAM, 3 TO 6 PERCENT SLOPES	85	123	190	10	21	40	64	49	63	90	55	2,199	2.2	2.4
68C	BRYANT SILT LOAM, 6 TO 9 PERCENT SLOPES	75	108	168	9	19	36	57	44	55	79	49	1,941	1.9	2.1
71	RANSLO-HARRIET SILT LOAMS	25	36	56	3	6	12	19	15	18	26	16	647	0.6	0.7
72	STRAW LOAM, CHANNELED	30	43	67	4	8	14	23	17	22	32	20	776	0.8	0.8
74A	SAVAGE SILT LOAM, 0 TO 3 PERCENT SLOPES	88	127	197	10	22	42	67	51	65	93	57	2,277	2.3	2.5
74B	SAVAGE SILT LOAM, 3 TO 6 PERCENT SLOPES	82	118	183	10	21	39	62	48	60	87	53	2,122	2.1	2.3
77	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
7A	HAMERLY SILT LOAM, 0 TO 3 PERCENT SLOPES	78	113	174	9	20	37	59	45	57	82	51	2,018	2.0	2.2
7B	HAMERLY SILT LOAM, 3 TO 6 PERCENT SLOPES	70	101	156	8	18	33	53	41	52	74	46	1,811	1.8	2.0
80	RANSLO SILT LOAM	29	42	65	3	7	14	22	17	21	31	19	750	0.8	0.8
9C	SEROCO LOAMY FINE SAND, 2 TO 15 PERCENT SLOPES	16	23	36	2	4	8	12	9	12	17	10	414	0.4	0.4
9E	SEROCO-DUNE LAND COMPLEX	9	13	20	1	2	4	7	5	7	10	6	233	0.2	0.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Charles Mix County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		115	180	9	14	39	87	41	61	77	59	2,034	2.0	3.3
	County Average Crop Soil Map Unit Productivity Index =	77.5													
AaA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	94	140	218	10	17	47	106	50	74	93	72	2,467	2.4	4.0
AaB	AGAR SILT LOAM, 2 TO 6 PERCENT SLOPES	87	130	202	10	16	43	98	46	68	86	66	2,284	2.2	3.7
AaC	AGAR SILT LOAM, 6 TO 9 PERCENT SLOPES	76	113	176	8	14	38	86	41	60	75	58	1,995	2.0	3.2
Ab	ALBATON SILTY CLAY	61	91	141	7	11	30	69	33	48	60	46	1,601	1.6	2.6
An	ALBATON SILTY CLAY, DEPRESSIONAL	32	48	74	4	6	16	36	17	25	32	24	840	0.8	1.4
Ao	AOWA SILTY CLAY LOAM	95	141	220	11	17	47	107	51	74	94	72	2,493	2.5	4.1
Ar	ARLO SILT LOAM, WET	26	39	60	3	5	13	29	14	20	26	20	682	0.7	1.1
AsA	ARLO-ENET LOAMS, 0 TO 2 PERCENT SLOPES	54	80	125	6	10	27	61	29	42	54	41	1,417	1.4	2.3
BbC	BEADLE-EAKIN COMPLEX, 6 TO 9 PERCENT SLOPES	58	86	135	6	11	29	65	31	45	58	44	1,522	1.5	2.5
BcA	BEADLE-JERAULD COMPLEX, 0 TO 4 PERCENT SLOPES	55	82	128	6	10	27	62	29	43	55	42	1,444	1.4	2.3
BdF	BETTS LOAM, 25 TO 40 PERCENT SLOPES	6	9	14	1	1	3	7	3	5	6	5	157	0.2	0.3
BeE	BETTS-ETHAN LOAMS, 9 TO 25 PERCENT SLOPES	22	33	51	2	4	11	25	12	17	22	17	577	0.6	0.9
Bn	BON SILT LOAM	93	139	216	10	17	46	105	50	73	92	71	2,441	2.4	4.0
Bo	BON SILT LOAM, CHANNELED	35	52	81	4	6	17	39	19	27	35	27	919	0.9	1.5
BsD	BOYD-SANSARC COMPLEX, 6 TO 15 PERCENT SLOPES	32	48	74	4	6	16	36	17	25	32	24	840	0.8	1.4
CeB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	75	112	174	8	14	37	85	40	59	74	57	1,969	1.9	3.2
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	62	92	144	7	11	31	70	33	49	61	47	1,627	1.6	2.6
Da	DEGREY-JERAULD SILT LOAMS	34	51	79	4	6	17	38	18	27	34	26	892	0.9	1.4
Db	DEGREY-WALKE SILT LOAMS	57	85	132	6	10	28	64	30	45	57	43	1,496	1.5	2.4
DmC	DELMONT-TALMO COMPLEX, 2 TO 9 PERCENT SLOPES	28	42	65	3	5	14	32	15	22	28	21	735	0.7	1.2
DnA	DORNA SILT LOAM, 0 TO 4 PERCENT SLOPES	89	133	206	10	16	44	100	47	70	88	68	2,336	2.3	3.8
Du	DURRSTEIN SILT LOAM	11	16	26	1	2	5	12	6	9	11	8	289	0.3	0.5
EaA	EAKIN SILT LOAM, 0 TO 2 PERCENT SLOPES	88	131	204	10	16	44	99	47	69	87	67	2,310	2.3	3.8
EbB	EAKIN-BEADLE COMPLEX, 2 TO 6 PERCENT SLOPES	70	104	162	8	13	35	79	37	55	69	53	1,837	1.8	3.0
EdA	EAKIN-DEGREY SILT LOAMS, 0 TO 4 PERCENT SLOPES	71	106	165	8	13	35	80	38	56	70	54	1,864	1.8	3.0
EeB	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	74	110	172	8	13	37	84	39	58	73	56	1,942	1.9	3.2
EeC	EAKIN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	67	100	155	7	12	33	76	36	53	66	51	1,759	1.7	2.9
EmA	ENET LOAM, 0 TO 2 PERCENT SLOPES	60	89	139	7	11	30	68	32	47	59	46	1,575	1.6	2.6
EnC	ENET-DELMONT LOAMS, 2 TO 9 PERCENT SLOPES	46	69	107	5	8	23	52	25	36	46	35	1,207	1.2	2.0
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	46	69	107	5	8	23	52	25	36	46	35	1,207	1.2	2.0
EuC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	57	85	132	6	10	28	64	30	45	57	43	1,496	1.5	2.4
GsE	GAVINS-SANSARC COMPLEX, 15 TO 25 PERCENT SLOPES	6	9	14	1	1	3	7	3	5	6	5	157	0.2	0.3
Gv	GRACEVILLE SILT LOAM	84	125	195	9	15	42	95	45	66	83	64	2,205	2.2	3.6
HaA	HAND LOAM, 0 TO 2 PERCENT SLOPES	85	127	197	9	15	42	96	45	67	84	65	2,231	2.2	3.6
Hb	HAYNIE SILT LOAM	88	131	204	10	16	44	99	47	69	87	67	2,310	2.3	3.8
Hc	HAYNIE VARIANT SILT LOAM	86	128	199	10	16	43	97	46	67	85	65	2,257	2.2	3.7
HeB	HENKIN LOAM, 2 TO 6 PERCENT SLOPES	57	85	132	6	10	28	64	30	45	57	43	1,496	1.5	2.4

Charles Mix County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HgA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	90	134	209	10	16	45	102	48	71	89	69	2,362	2.3	3.8
HhB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	83	124	192	9	15	41	94	44	65	82	63	2,179	2.1	3.5
HlA	HIGHMORE-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	87	130	202	10	16	43	98	46	68	86	66	2,284	2.2	3.7
HmB	HOMME-ETHAN-ONITA COMPLEX, 1 TO 6 PERCENT SLOPES	77	115	179	9	14	38	87	41	60	76	59	2,021	2.0	3.3
HoA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	90	134	209	10	16	45	102	48	71	89	69	2,362	2.3	3.8
HoB	HOMME-ONITA SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	84	125	195	9	15	42	95	45	66	83	64	2,205	2.2	3.6
HuA	HOUDEK LOAM, 0 TO 2 PERCENT SLOPES	86	128	199	10	16	43	97	46	67	85	65	2,257	2.2	3.7
HuB	HOUDEK LOAM, 2 TO 6 PERCENT SLOPES	81	121	188	9	15	40	91	43	63	80	62	2,126	2.1	3.5
Hv	HOVEN SILT LOAM	20	30	46	2	4	10	23	11	16	20	15	525	0.5	0.9
InB	INAVALE FINE SAND, 2 TO 6 PERCENT SLOPES	26	39	60	3	5	13	29	14	20	26	20	682	0.7	1.1
IvA	INAVALE LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	42	63	97	5	8	21	47	22	33	42	32	1,102	1.1	1.8
Ix	NORWAY LOAMY FINE SAND	7	10	16	1	1	3	8	4	5	7	5	184	0.2	0.3
LaA	LANE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	133	206	10	16	44	100	47	70	88	68	2,336	2.3	3.8
LaB	LANE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	127	197	9	15	42	96	45	67	84	65	2,231	2.2	3.6
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	92	137	213	10	17	46	104	49	72	91	70	2,415	2.4	3.9
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	86	128	199	10	16	43	97	46	67	85	65	2,257	2.2	3.7
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	74	110	172	8	13	37	84	39	58	73	56	1,942	1.9	3.2
LrF	LOWRY-GAVINS SILT LOAMS, 6 TO 40 PERCENT SLOPES	35	52	81	4	6	17	39	19	27	35	27	919	0.9	1.5
LsD	LOWRY-SULLY SILT LOAMS, 9 TO 15 PERCENT SLOPES	48	71	111	5	9	24	54	26	38	48	37	1,260	1.2	2.0
MeE	MEADIN LOAM, 15 TO 30 PERCENT SLOPES	2	3	5	0	0	1	2	1	2	2	2	52	0.1	0.1
Mo	MOBRIDGE SILT LOAM	98	146	227	11	18	49	111	52	77	97	75	2,572	2.5	4.2
Mu	MUNJOR FINE SANDY LOAM	44	66	102	5	8	22	50	23	34	44	33	1,155	1.1	1.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OeF	OKATON SILTY CLAY, 15 TO 40 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	3	2	79	0.1	0.1
Oh	ONAWA FINE SANDY LOAM, OVERWASH	85	127	197	9	15	42	96	45	67	84	65	2,231	2.2	3.6
Om	ONAWA SILTY CLAY	78	116	181	9	14	39	88	42	61	77	59	2,047	2.0	3.3
On	ONITA SILT LOAM, 0 TO 2 PERCENT SLOPES	94	140	218	10	17	47	106	50	74	93	72	2,467	2.4	4.0
Oo	ONITA-DAVISON COMPLEX	87	130	202	10	16	43	98	46	68	86	66	2,284	2.2	3.7
Or	ORTHENTS, LOAMY	1	1	2	0	0	0	1	1	1	1	1	26	0.0	0.0
Os	ONITA-HOVEN SILT LOAMS	73	109	169	8	13	36	82	39	57	72	56	1,916	1.9	3.1
Ot	ONITA-TETONKA SILT LOAMS	85	127	197	9	15	42	96	45	67	84	65	2,231	2.2	3.6
Pg	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PoA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	77	115	179	9	14	38	87	41	60	76	59	2,021	2.0	3.3
PoB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	68	101	158	8	12	34	77	36	53	67	52	1,785	1.8	2.9
Pr	PROSPER LOAM	94	140	218	10	17	47	106	50	74	93	72	2,467	2.4	4.0
Sa	SALMO SILTY CLAY LOAM	34	51	79	4	6	17	38	18	27	34	26	892	0.9	1.4
Sm	SALMO-NAPA COMPLEX	37	55	86	4	7	18	42	20	29	37	28	971	1.0	1.6
SnF	SANSARC CLAY, 25 TO 70 PERCENT SLOPES	6	9	14	1	1	3	7	3	5	6	5	157	0.2	0.3
SoF	SANSARC-BOYD COMPLEX, 15 TO 40 PERCENT SLOPES	6	9	14	1	1	3	7	3	5	6	5	157	0.2	0.3
SrF	SANSARC-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	7	10	16	1	1	3	8	4	5	7	5	184	0.2	0.3

Charles Mix County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SuE	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES	10	15	23	1	2	5	11	5	8	10	8	262	0.3	0.4
TaC	TALMO GRAVELLY SANDY LOAM, 2 TO 9 PERCENT SLOPES	10	15	23	1	2	5	11	5	8	10	8	262	0.3	0.4
TbE	TALMO-BETTS COMPLEX, 9 TO 25 PERCENT SLOPES	6	9	14	1	1	3	7	3	5	6	5	157	0.2	0.3
Te	TETONKA SILT LOAM	56	83	130	6	10	28	63	30	44	56	43	1,470	1.4	2.4
Tn	TETONKA-CHANCELLOR SILTY CLAY LOAMS	66	98	153	7	12	33	74	35	52	65	50	1,732	1.7	2.8
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wd	WENDTE VARIANT SILTY CLAY	76	113	176	8	14	38	86	41	60	75	58	1,995	2.0	3.2
Wo	WORTHING SILTY CLAY LOAM	32	48	74	4	6	16	36	17	25	32	24	840	0.8	1.4
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	7	12	1	1	2	6	3	4	5	4	131	0.1	0.2

Clark County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		132	152	12	12	34		47	59	75	58		1.9	3.0
	County Average Crop Soil Map Unit Productivity Index =	72.4													
Aa	AASTAD LOAM	94	171	198	16	15	44		61	77	98	75		2.4	3.9
At	AASTAD-TONKA COMPLEX	83	151	175	14	14	39		54	68	86	66		2.1	3.4
Ba	BADGER-TONKA SILTY CLAY LOAMS	74	135	156	13	12	34		48	60	77	59		1.9	3.0
BbB	BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	75	136	158	13	12	35		49	61	78	60		1.9	3.1
BbC	BARNES-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	60	109	126	10	10	28		39	49	62	48		1.6	2.5
BcB	BARNES-BUSE-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	74	135	156	13	12	34		48	60	77	59		1.9	3.0
BcC	BARNES-BUSE-SVEA LOAMS, 2 TO 9 PERCENT SLOPES	62	113	130	10	10	29		40	51	64	50		1.6	2.5
BdA	BARNES-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	88	160	185	15	14	41		57	72	91	70		2.3	3.6
BdB	BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	83	151	175	14	14	39		54	68	86	66		2.1	3.4
BeA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES	74	135	156	13	12	34		48	60	77	59		1.9	3.0
BeB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	65	118	137	11	11	30		42	53	68	52		1.7	2.7
BeC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	53	96	112	9	9	25		34	43	55	42		1.4	2.2
BfA	BEADLE-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	61	111	128	10	10	28		40	50	63	49		1.6	2.5
BkD	BETTS-ETHAN LOAMS, 9 TO 20 PERCENT SLOPES	34	62	72	6	6	16		22	28	35	27		0.9	1.4
BmA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	64	116	135	11	10	30		42	52	66	51		1.7	2.6
Bn	BON LOAM	92	167	194	16	15	43		60	75	96	74		2.4	3.8
Bo	BON LOAM, CHANNELED	34	62	72	6	6	16		22	28	35	27		0.9	1.4
BrD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	37	67	78	6	6	17		24	30	38	30		1.0	1.5
BsE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	5	9	11	1	1	2		3	4	5	4		0.1	0.2
BuE	BUSE-LA PRAIRIE, CHANNELED-BARNES LOAMS, 0 TO 40 PERCENT SLOPES	21	38	44	4	3	10		14	17	22	17		0.5	0.9
ByE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	8	15	17	1	1	4		5	7	8	6		0.2	0.3
BzE	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	7	13	15	1	1	3		5	6	7	6		0.2	0.3
Ca	CAVOUR-FERNEY LOAMS	30	55	63	5	5	14		19	24	31	24		0.8	1.2
CbA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	88	160	185	15	14	41		57	72	91	70		2.3	3.6
CbB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	84	153	177	14	14	39		55	68	87	67		2.2	3.4
CeB	CLARNO-ETHAN-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	80	145	168	14	13	37		52	65	83	64		2.1	3.3
CeC	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 9 PERCENT SLOPES	66	120	139	11	11	31		43	54	69	53		1.7	2.7
Co	COLVIN SILTY CLAY LOAM	53	96	112	9	9	25		34	43	55	42		1.4	2.2
Cr	CRESBARD-CAVOUR LOAMS	55	100	116	9	9	26		36	45	57	44		1.4	2.3
Ct	CROSSPLAIN-TETONKA COMPLEX	74	135	156	13	12	34		48	60	77	59		1.9	3.0
Cu	CUBDEN SILTY CLAY LOAM	80	145	168	14	13	37		52	65	83	64		2.1	3.3
Cv	CUBDEN-BADGER SILTY CLAY LOAMS	80	145	168	14	13	37		52	65	83	64		2.1	3.3
Cw	CUBDEN-TONKA SILTY CLAY LOAMS	75	136	158	13	12	35		49	61	78	60		1.9	3.1
Da	DAVISON-CROSSPLAIN COMPLEX	79	144	166	13	13	37		51	64	82	63		2.0	3.2
DeA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	50	91	105	8	8	23		32	41	52	40		1.3	2.0
DeB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	46	84	97	8	8	21		30	37	48	37		1.2	1.9
Dm	DIMO LOAM	74	135	156	13	12	34		48	60	77	59		1.9	3.0

Clark County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Dv	DIVIDE LOAM	55	100	116	9	9	26		36	45	57	44		1.4	2.3
Dx	DUDLEY-JERAULD SILT LOAMS	30	55	63	5	5	14		19	24	31	24		0.8	1.2
Dy	DURRSTEIN SILT LOAM	11	20	23	2	2	5		7	9	11	9		0.3	0.5
EgA	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	63	115	133	11	10	29		41	51	65	50		1.6	2.6
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	57	104	120	10	9	26		37	46	59	46		1.5	2.3
EoD	ETHAN-BON, CHANNELED, LOAMS, 0 TO 20 PERCENT SLOPES	38	69	80	6	6	18		25	31	39	30		1.0	1.6
Fa	FARMSWORTH-DURRSTEIN SILT LOAMS	25	45	53	4	4	12		16	20	26	20		0.6	1.0
FdA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	59	107	124	10	10	27		38	48	61	47		1.5	2.4
FmA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	87	158	183	15	14	40		56	71	90	70		2.3	3.6
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	83	151	175	14	14	39		54	68	86	66		2.1	3.4
FnB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	76	138	160	13	12	35		49	62	79	61		2.0	3.1
FnC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	63	115	133	11	10	29		41	51	65	50		1.6	2.6
FoA	FORMAN-CRESBARD LOAMS, 0 TO 2 PERCENT SLOPES	63	115	133	11	10	29		41	51	65	50		1.6	2.6
FoB	FORMAN-CRESBARD LOAMS, 2 TO 6 PERCENT SLOPES	74	135	156	13	12	34		48	60	77	59		1.9	3.0
Ft	FORMAN-CRESBARD-TONKA COMPLEX	75	136	158	13	12	35		49	61	78	60		1.9	3.1
HaA	HAMERLY LOAM, 0 TO 2 PERCENT SLOPES	76	138	160	13	12	35		49	62	79	61		2.0	3.1
Hb	HAMERLY-TONKA COMPLEX	71	129	149	12	12	33		46	58	74	57		1.8	2.9
Hd	HARRIET LOAM	8	15	17	1	1	4		5	7	8	6		0.2	0.3
He	HEIL SILT LOAM	13	24	27	2	2	6		8	11	14	10		0.3	0.5
HkB	HENKIN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	57	104	120	10	9	26		37	46	59	46		1.5	2.3
HmA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	162	187	15	15	41		58	73	92	71		2.3	3.6
HmB	HETLAND SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	84	153	177	14	14	39		55	68	87	67		2.2	3.4
HnB	HOUDEK-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	78	142	164	13	13	36		51	64	81	62		2.0	3.2
HnC	HOUDEK-ETHAN-PROSPER LOAMS, 2 TO 9 PERCENT SLOPES	62	113	130	10	10	29		40	51	64	50		1.6	2.5
HpA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	87	158	183	15	14	40		56	71	90	70		2.3	3.6
HpB	HOUDEK-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	83	151	175	14	14	39		54	68	86	66		2.1	3.4
HsA	HOUDEK-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	78	142	164	13	13	36		51	64	81	62		2.0	3.2
HsB	HOUDEK-STICKNEY COMPLEX, 2 TO 6 PERCENT SLOPES	76	138	160	13	12	35		49	62	79	61		2.0	3.1
Ht	HOUDEK-STICKNEY-TETONKA COMPLEX	75	136	158	13	12	35		49	61	78	60		1.9	3.1
Hv	HOVEN SILT LOAM	12	22	25	2	2	6		8	10	12	10		0.3	0.5
KrB	KRANZBURG-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	83	151	175	14	14	39		54	68	86	66		2.1	3.4
La	LA PRAIRIE LOAM	92	167	194	16	15	43		60	75	96	74		2.4	3.8
Lf	LA PRAIRIE-FAIRDALE LOAMS, CHANNELED	34	62	72	6	6	16		22	28	35	27		0.9	1.4
Lh	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	32	58	67	5	5	15		21	26	33	26		0.8	1.3
Lk	LADELLE SILT LOAM	93	169	196	16	15	43		60	76	97	75		2.4	3.8
Lm	LAMO SILTY CLAY LOAM	64	116	135	11	10	30		42	52	66	51		1.7	2.6
Lo	LOWE LOAM	57	104	120	10	9	26		37	46	59	46		1.5	2.3
Lw	LUDDEN SILTY CLAY, SALINE	25	45	53	4	4	12		16	20	26	20		0.6	1.0
MaB	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	40	73	84	7	7	19		26	33	42	32		1.0	1.6
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 9 PERCENT SLOPES	31	56	65	5	5	14		20	25	32	25		0.8	1.3

Clark County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Md	MARYSLAND-DIVIDE LOAMS	51	93	107	9	8	24		33	42	53	41		1.3	2.1
MsA	MAUVAIS CLAY LOAM, 0 TO 2 PERCENT SLOPES	39	71	82	7	6	18		25	32	41	31		1.0	1.6
MtA	MINNEWASTA SANDY LOAM, 0 TO 2 PERCENT SLOPES	38	69	80	6	6	18		25	31	39	30		1.0	1.6
MtB	MINNEWASTA SANDY LOAM, 2 TO 6 PERCENT SLOPES	38	69	80	6	6	18		25	31	39	30		1.0	1.6
Mw	MINNEWAUKAN LOAMY SAND	39	71	82	7	6	18		25	32	41	31		1.0	1.6
Mz	MORITZ-LOWE LOAMS	70	127	147	12	11	32		45	57	73	56		1.8	2.9
Od	OLDHAM SILTY CLAY LOAM	31	56	65	5	5	14		20	25	32	25		0.8	1.3
Og	ORTHENTS, GRAVELLY	5	9	11	1	1	2		3	4	5	4		0.1	0.2
Pa	PARNELL SILTY CLAY LOAM	31	56	65	5	5	14		20	25	32	25		0.8	1.3
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	75	136	158	13	12	35		49	61	78	60		1.9	3.1
PeB	PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	66	120	139	11	11	31		43	54	69	53		1.7	2.7
Pf	PEEVER-CAVOUR COMPLEX	64	116	135	11	10	30		42	52	66	51		1.7	2.6
Pk	PEEVER-CRESBARD-TONKA COMPLEX	66	120	139	11	11	31		43	54	69	53		1.7	2.7
Pm	PLAYMOOR SILTY CLAY LOAM	32	58	67	5	5	15		21	26	33	26		0.8	1.3
PnB	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	81	147	170	14	13	38		53	66	84	65		2.1	3.3
PnC	POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	69	125	145	12	11	32		45	56	72	55		1.8	2.8
PoC	POINSETT-RUSKLYN SILTY CLAY LOAMS, 6 TO 9 PERCENT SLOPES	68	124	143	11	11	32		44	55	71	54		1.8	2.8
PrB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	83	151	175	14	14	39		54	68	86	66		2.1	3.4
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	171	198	16	15	44		61	77	98	75		2.4	3.9
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	89	162	187	15	15	41		58	73	92	71		2.3	3.6
Ra	RANSLO SILTY CLAY LOAM	26	47	55	4	4	12		17	21	27	21		0.7	1.1
Re	RAUVILLE SILTY CLAY LOAM	29	53	61	5	5	13		19	24	30	23		0.8	1.2
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	50	91	105	8	8	23		32	41	52	40		1.3	2.0
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	44	80	93	7	7	20		29	36	46	35		1.1	1.8
RsA	RENSHAW-SIOUX COMPLEX, 0 TO 2 PERCENT SLOPES	37	67	78	6	6	17		24	30	38	30		1.0	1.5
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	32	58	67	5	5	15		21	26	33	26		0.8	1.3
RsC	RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	24	44	51	4	4	11		16	20	25	19		0.6	1.0
Sa	SALMO SILTY CLAY LOAM	34	62	72	6	6	16		22	28	35	27		0.9	1.4
SnA	SINAI SILTY CLAY, 0 TO 2 PERCENT SLOPES	81	147	170	14	13	38		53	66	84	65		2.1	3.3
SnB	SINAI SILTY CLAY, 2 TO 6 PERCENT SLOPES	72	131	152	12	12	33		47	59	75	58		1.9	3.0
SrD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	19	35	40	3	3	9		12	15	20	15		0.5	0.8
Ss	SOUTHAM SILTY CLAY LOAM	9	16	19	2	1	4		6	7	9	7		0.2	0.4
Sw	SPOTTSWOOD CLAY LOAM	73	133	154	12	12	34		47	59	76	58		1.9	3.0
Sy	STICKNEY-DUDLEY SILT LOAMS	56	102	118	9	9	26		36	46	58	45		1.5	2.3
Te	TETONKA SILT LOAM	57	104	120	10	9	26		37	46	59	46		1.5	2.3
To	TONKA SILTY CLAY LOAM	57	104	120	10	9	26		37	46	59	46		1.5	2.3
Va	VALLERS-HAMERLY LOAMS	62	113	130	10	10	29		40	51	64	50		1.6	2.5
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAUBAY SILTY CLAY LOAM	98	178	206	17	16	45		64	80	102	79		2.5	4.0
Wg	WORTHING SILTY CLAY LOAM	32	58	67	5	5	15		21	26	33	26		0.8	1.3

Clark County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wm	WYNDMERE FINE SANDY LOAM	74	135	156	13	12	34		48	60	77	59		1.9	3.0
Wp	WYNDMERE-PARNELL COMPLEX	60	109	126	10	10	28		39	49	62	48		1.6	2.5

Clay County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		139	166	10	11	39	87	42	62	71	59	1,906	2.1	4.3
	County Average Crop Soil Map Unit Productivity Index =	77.31													
Ac	ALBATON SILTY CLAY, 0 TO 2 PERCENT SLOPES	58	104	124	8	8	29	66	31	46	53	44	1,430	1.5	3.2
Ad	ALBATON SILTY CLAY, DEPRESSIONAL	34	61	73	4	5	17	38	18	27	31	26	838	0.9	1.9
AeA	ALCESTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	92	165	197	12	13	46	104	50	73	84	70	2,268	2.5	5.1
Ba	BALTIC SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	61	109	131	8	9	31	69	33	49	56	47	1,504	1.6	3.4
Bb	BLAKE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	161	193	12	13	45	102	49	72	82	69	2,219	2.4	5.0
Bf	BLENCOE SILTY CLAY, 0 TO 2 PERCENT SLOPES, CLAYEY SUBSTRATUM	86	154	184	11	13	43	97	47	69	79	66	2,121	2.3	4.7
Bg	BLYBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	91	163	195	12	13	46	103	49	73	83	69	2,244	2.4	5.0
Bk	BLYBURG-GAYVILLE SILT LOAMS, 0 TO 2 PERCENT SLOPES	64	115	137	8	9	32	72	35	51	59	49	1,578	1.7	3.5
Bm	BON LOAM, 0 TO 2 PERCENT SLOPES	85	152	182	11	12	43	96	46	68	78	65	2,096	2.3	4.7
Bn	BON LOAM, CHANNELED	35	63	75	5	5	18	40	19	28	32	27	863	0.9	1.9
Ca	CHANCELLOR-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	75	135	161	10	11	38	85	41	60	69	57	1,849	2.0	4.1
Cc	CHASKA SILT LOAM, CHANNELED	38	68	82	5	6	19	43	21	30	35	29	937	1.0	2.1
Cd	CLAMO SILTY CLAY, 0 TO 1 PERCENT SLOPES	60	108	129	8	9	30	68	33	48	55	46	1,479	1.6	3.3
DaA	DALESBURG LOAM, 0 TO 2 PERCENT SLOPES	66	118	142	9	10	33	75	36	53	60	50	1,627	1.8	3.6
DbB	DALESBURG-DIMO COMPLEX, 1 TO 4 PERCENT SLOPES	68	122	146	9	10	34	77	37	54	62	52	1,677	1.8	3.7
DcA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	90	161	193	12	13	45	102	49	72	82	69	2,219	2.4	5.0
DcB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	87	156	187	11	13	44	98	47	69	80	66	2,145	2.3	4.8
DhA	DAVISON-CHANCELLOR COMPLEX, 0 TO 3 PERCENT SLOPES	80	143	172	10	12	40	90	43	64	73	61	1,973	2.1	4.4
DkA	DAVISON-TETONKA-EGAN COMPLEX, 0 TO 3 PERCENT SLOPES	75	135	161	10	11	38	85	41	60	69	57	1,849	2.0	4.1
DmB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	44	79	94	6	6	22	50	24	35	40	34	1,085	1.2	2.4
DnD	DELMONT-TALMO COMPLEX, 6 TO 15 PERCENT SLOPES	25	45	54	3	4	13	28	14	20	23	19	616	0.7	1.4
Do	DIMO CLAY LOAM, 0 TO 2 PERCENT SLOPES	74	133	159	10	11	37	84	40	59	68	56	1,825	2.0	4.1
EaA	EGAN-CHANCELLOR-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	84	151	180	11	12	42	95	46	67	77	64	2,071	2.2	4.6
EbA	EGAN-CLARNO-CHANCELLOR COMPLEX, 0 TO 3 PERCENT SLOPES	88	158	189	11	13	44	100	48	70	81	67	2,170	2.3	4.8
EcA	EGAN-CLARNO-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	82	147	176	11	12	41	93	44	65	75	63	2,022	2.2	4.5
EdA	EGAN-CLARNO-TRENT COMPLEX, 0 TO 2 PERCENT SLOPES	90	161	193	12	13	45	102	49	72	82	69	2,219	2.4	5.0
EdB	EGAN-CLARNO-TRENT COMPLEX, 1 TO 6 PERCENT SLOPES	86	154	184	11	13	43	97	47	69	79	66	2,121	2.3	4.7
EeB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	78	140	167	10	11	39	88	42	62	71	60	1,923	2.1	4.3
EfB	EGAN-ETHAN-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	73	131	157	10	11	37	83	40	58	67	56	1,800	1.9	4.0
EgB	EGAN-ETHAN-TRENT COMPLEX, 1 TO 6 PERCENT SLOPES	80	143	172	10	12	40	90	43	64	73	61	1,973	2.1	4.4
EhA	EGAN-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	167	199	12	14	47	105	50	74	85	71	2,293	2.5	5.1
EhB	EGAN-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	88	158	189	11	13	44	100	48	70	81	67	2,170	2.3	4.8
Ek	EGAN-TRENT-CHANCELLOR SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	89	160	191	12	13	45	101	48	71	81	68	2,194	2.4	4.9
Em	ENET LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	66	118	142	9	10	33	75	36	53	60	50	1,627	1.8	3.6
EnB	ENET-STORLA-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	56	100	120	7	8	28	63	30	45	51	43	1,381	1.5	3.1
EoD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	33	59	71	4	5	17	37	18	26	30	25	814	0.9	1.8
EoE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	10	18	21	1	1	5	11	5	8	9	8	247	0.3	0.6

Clay County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
EpD	ETHAN-BON, CHANNELED, LOAMS, 0 TO 20 PERCENT SLOPES	34	61	73	4	5	17	38	18	27	31	26	838	0.9	1.9
EpE	ETHAN-BON, CHANNELED, LOAMS, 0 TO 40 PERCENT SLOPES	13	23	28	2	2	7	15	7	10	12	10	321	0.3	0.7
ErC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	59	106	127	8	9	30	67	32	47	54	45	1,455	1.6	3.2
ErD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	38	68	82	5	6	19	43	21	30	35	29	937	1.0	2.1
EsB	ETHAN-CLARNO-BON LOAMS 0 TO 6 PERCENT SLOPES	74	133	159	10	11	37	84	40	59	68	56	1,825	2.0	4.1
EtC	ETHAN-CLARNO-BON, CHANNELED, LOAMS, 0 TO 9 PERCENT SLOPES	51	91	109	7	7	26	58	28	41	47	39	1,258	1.4	2.8
EuB	ETHAN-DAVISON-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	68	122	146	9	10	34	77	37	54	62	52	1,677	1.8	3.7
EvC	ETHAN-EGAN COMPLEX, 6 TO 9 PERCENT SLOPES	63	113	135	8	9	32	71	34	50	58	48	1,553	1.7	3.5
EzE	ETHAN-TALMO COMPLEX, 15 TO 40 PERCENT SLOPES	7	13	15	1	1	4	8	4	6	6	5	173	0.2	0.4
Fo	FORNEY SILTY CLAY, 0 TO 2 PERCENT SLOPES	68	122	146	9	10	34	77	37	54	62	52	1,677	1.8	3.7
Ga	GRABLE SILT LOAM, 0 TO 2 PERCENT SLOPES	57	102	122	7	8	29	64	31	46	52	44	1,405	1.5	3.1
Gt	GRABLE-TICONIC-VORE COMPLEX, 0 TO 2 PERCENT SLOPES	60	108	129	8	9	30	68	33	48	55	46	1,479	1.6	3.3
Gv	GRABLE-VORE-HAYNIE COMPLEX, 0 TO 3 PERCENT SLOPES	75	135	161	10	11	38	85	41	60	69	57	1,849	2.0	4.1
Ha	HAYNIE SILT LOAM, 0 TO 2 PERCENT SLOPES	89	160	191	12	13	45	101	48	71	81	68	2,194	2.4	4.9
Hg	HAYNIE-GRABLE SILT LOAMS, 0 TO 2 PERCENT SLOPES	76	136	163	10	11	38	86	41	61	70	58	1,874	2.0	4.2
Hn	HAYNIE-LOSSING-GRABLE COMPLEX, 0 TO 2 PERCENT SLOPES	83	149	178	11	12	42	94	45	66	76	63	2,047	2.2	4.6
Ho	HAYNIE-ONAWA-BLAKE COMPLEX, 0 TO 2 PERCENT SLOPES	88	158	189	11	13	44	100	48	70	81	67	2,170	2.3	4.8
Ja	JAMES SILTY CLAY, 0 TO 1 PERCENT SLOPES	30	54	64	4	4	15	34	16	24	27	23	740	0.8	1.7
La	LAKEPORT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	95	170	204	12	14	48	107	52	76	87	73	2,342	2.5	5.2
Lb	LAMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	66	118	142	9	10	33	75	36	53	60	50	1,627	1.8	3.6
Lc	LAMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, SANDY SUBSTRATUM	69	124	148	9	10	35	78	37	55	63	53	1,701	1.8	3.8
Ld	LAMO-BALTIC SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	64	115	137	8	9	32	72	35	51	59	49	1,578	1.7	3.5
Le	LEX CLAY LOAM, 0 TO 2 PERCENT SLOPES	70	126	150	9	10	35	79	38	56	64	53	1,726	1.9	3.9
Lg	LOSSING SILTY CLAY, 0 TO 2 PERCENT SLOPES	91	163	195	12	13	46	103	49	73	83	69	2,244	2.4	5.0
Lo	LOSSING-OWEGO SILTY CLAYS, 0 TO 2 PERCENT SLOPES	88	158	189	11	13	44	100	48	70	81	67	2,170	2.3	4.8
Lr	LOSSING-VORE SILTY CLAYS, 0 TO 2 PERCENT SLOPES	86	154	184	11	13	43	97	47	69	79	66	2,121	2.3	4.7
Lt	LUTON SILTY CLAY, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	60	108	129	8	9	30	68	33	48	55	46	1,479	1.6	3.3
Lu	LUTON SILTY CLAY, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	60	108	129	8	9	30	68	33	48	55	46	1,479	1.6	3.3
McA	MECKLING LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	28	50	60	4	4	14	32	15	22	26	21	690	0.7	1.5
Mo	MODALE SILT LOAM, 0 TO 2 PERCENT SLOPES	91	163	195	12	13	46	103	49	73	83	69	2,244	2.4	5.0
Na	NAPA-LUTON COMPLEX, 0 TO 2 PERCENT SLOPES	43	77	92	6	6	22	49	23	34	39	33	1,060	1.1	2.4
Nb	NORWAY LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	9	16	19	1	1	5	10	5	7	8	7	222	0.2	0.5
NcA	NORWAY-MECKLING LOAMY FINE SANDS, 0 TO 4 PERCENT SLOPES	30	54	64	4	4	15	34	16	24	27	23	740	0.8	1.7
Oa	ONAWA SILTY CLAY, 0 TO 2 PERCENT SLOPES	85	152	182	11	12	43	96	46	68	78	65	2,096	2.3	4.7
Ob	ONAWA-OWEGO SILTY CLAYS, 0 TO 2 PERCENT SLOPES	84	151	180	11	12	42	95	46	67	77	64	2,071	2.2	4.6
Oc	ORTHENTS, CHANNELIZED	8	14	17	1	1	4	9	4	6	7	6	197	0.2	0.4
Og	ORTHENTS, GRAVELLY	1	2	2	0	0	1	1	1	1	1	1	25	0.0	0.1
Om	ORTHENTS, LOAMY	4	7	9	1	1	2	5	2	3	4	3	99	0.1	0.2
Os	ORTHENTS, SANDY	2	4	4	0	0	1	2	1	2	2	2	49	0.1	0.1
Ow	OWEGO SILTY CLAY, 0 TO 2 PERCENT SLOPES	81	145	174	11	12	41	92	44	65	74	62	1,997	2.2	4.5

Clay County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Pe	PERCIVAL SILTY CLAY, 0 TO 2 PERCENT SLOPES	76	136	163	10	11	38	86	41	61	70	58	1,874	2.0	4.2
Ro	ROXBURY SILT LOAM, CHANNELED	35	63	75	5	5	18	40	19	28	32	27	863	0.9	1.9
Sa	SALIX SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	98	176	210	13	14	49	111	53	78	90	75	2,416	2.6	5.4
Sd	SALMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	32	57	69	4	5	16	36	17	26	29	24	789	0.9	1.8
SeB	SARDAK LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	25	45	54	3	4	13	28	14	20	23	19	616	0.7	1.4
SkB	SARDAK-SCROLL COMPLEX, 0 TO 6 PERCENT SLOPES	40	72	86	5	6	20	45	22	32	37	31	986	1.1	2.2
SpA	SCROLL-PERCIVAL SILTY CLAYS, 0 TO 2 PERCENT SLOPES	62	111	133	8	9	31	70	34	50	57	47	1,529	1.7	3.4
SpB	SCROLL-PERCIVAL SILTY CLAYS, 2 TO 6 PERCENT SLOPES	62	111	133	8	9	31	70	34	50	57	47	1,529	1.7	3.4
TaE	TALMO-THURMAN COMPLEX, 15 TO 40 PERCENT SLOPES	10	18	21	1	1	5	11	5	8	9	8	247	0.3	0.6
Te	TETONKA SILT LOAM, 0 TO 1 PERCENT SLOPES	59	106	127	8	9	30	67	32	47	54	45	1,455	1.6	3.2
ThA	THURMAN LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	54	97	116	7	8	27	61	29	43	49	41	1,331	1.4	3.0
ThB	THURMAN LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	48	86	103	6	7	24	54	26	38	44	37	1,184	1.3	2.6
ThC	THURMAN LOAMY FINE SAND, 6 TO 9 PERCENT SLOPES	38	68	82	5	6	19	43	21	30	35	29	937	1.0	2.1
Tr	TICONIC-GRABLE COMPLEX, 0 TO 2 PERCENT SLOPES	54	97	116	7	8	27	61	29	43	49	41	1,331	1.4	3.0
TtA	TRENT-TETONKA-WAKONDA COMPLEX, 0 TO 3 PERCENT SLOPES	82	147	176	11	12	41	93	44	65	75	63	2,022	2.2	4.5
TwA	TRENT-WENTWORTH SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	169	202	12	14	47	106	51	75	86	72	2,318	2.5	5.2
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WAKONDA-TETONKA SILT LOAMS, 0 TO 2 PERCENT SLOPES	75	135	161	10	11	38	85	41	60	69	57	1,849	2.0	4.1
Wc	WAKONDA-WENTWORTH-WHITEWOOD COMPLEX, 0 TO 2 PERCENT SLOPES	86	154	184	11	13	43	97	47	69	79	66	2,121	2.3	4.7
Wd	WAKONDA-WHITEWOOD COMPLEX, 0 TO 2 PERCENT SLOPES	82	147	176	11	12	41	93	44	65	75	63	2,022	2.2	4.5
WkB	WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	90	161	193	12	13	45	102	49	72	82	69	2,219	2.4	5.0
Wm	WHITEWOOD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	83	149	178	11	12	42	94	45	66	76	63	2,047	2.2	4.6
Wo	WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	33	59	71	4	5	17	37	18	26	30	25	814	0.9	1.8
Wp	WORTHING SILTY CLAY LOAM, PONDED	8	14	17	1	1	4	9	4	6	7	6	197	0.2	0.4

Codington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		133	158	13	14	34		52	63	86	58		1.9	3.3
	County Average Crop Soil Map Unit Productivity Index =	73.5													
J108A	BADGER-TONKA SILTY CLAY LOAMS, 0 TO 1 PERCENT SLOPES	71	129	153	12	13	33		50	60	83	56		1.8	3.2
J109A	BARNES CLAY LOAM, 0 TO 2 PERCENT SLOPES	85	154	183	15	16	40		60	72	99	67		2.1	3.8
J109B	BARNES CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	145	172	14	15	37		57	68	93	63		2.0	3.6
J110C	BARNES-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	60	109	129	11	11	28		42	51	70	47		1.5	2.7
J111B	BARNES-BUSE-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	77	140	166	14	14	36		54	65	90	61		1.9	3.4
J111C	BARNES-BUSE-SVEA LOAMS, 2 TO 9 PERCENT SLOPES	63	114	136	11	12	29		45	54	73	50		1.6	2.8
J112A	BARNES-SVEA LOAMS, 0 TO 2 PERCENT LOAMS	87	158	188	15	16	41		62	74	101	69		2.2	3.9
J112B	BARNES-SVEA LOAMS, 1 TO 6 PERCENT LOAMS	83	151	179	15	15	39		59	71	97	65		2.1	3.7
J113A	BROOKINGS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPTES	96	174	207	17	18	45		68	82	112	76		2.4	4.3
J114C	BUSE-BARNES LOAMS, 2 TO 15 PERCENT SLOPES, VERY STONY	9	16	19	2	2	4		6	8	10	7		0.2	0.4
J114E	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	5	9	11	1	1	2		4	4	6	4		0.1	0.2
J115D	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	41	74	88	7	8	19		29	35	48	32		1.0	1.8
J116E	BUSE-LAMOUR, CHANNELED, FREQUENTLY FLOODED, COMPLEX, 0 TO 40 P	10	18	22	2	2	5		7	9	12	8		0.3	0.4
J117E	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	11	20	24	2	2	5		8	9	13	9		0.3	0.5
J118C	BUSE-POINSETT COMPLEX, 6 TO 9 PERCENT SLOPES	66	120	142	12	12	31		47	56	77	52		1.7	2.9
J119E	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	10	18	22	2	2	5		7	9	12	8		0.3	0.4
J120A	CAVOUR-FERNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	33	60	71	6	6	15		23	28	38	26		0.8	1.5
J121A	COLVIN SILTY CLAY LOAM, TILL SUBSTRATUM, 0 TO 1 PERCENT SLOPES	46	84	99	8	8	22		33	39	54	36		1.2	2.0
J122A	CUBDEN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	68	123	147	12	13	32		48	58	79	54		1.7	3.0
J123A	CUBDEN-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	74	134	160	13	14	35		52	63	86	58		1.9	3.3
J124A	CUBDEN-TONKA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	65	118	140	11	12	30		46	55	76	51		1.6	2.9
J125A	DIVIDE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	54	98	116	9	10	25		38	46	63	43		1.4	2.4
J126A	DOBURG-FORESTVILLE LOAMS, 0 TO 2 PERCENT SLOPES	88	160	190	15	16	41		62	75	103	69		2.2	3.9
J126B	DOBURG-FORESTVILLE LOAMS, 2 TO 6 PERCENT SLOPES	84	152	181	15	15	39		59	71	98	66		2.1	3.7
J127A	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	59	107	127	10	11	28		42	50	69	47		1.5	2.6
J127B	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	54	98	116	9	10	25		38	46	63	43		1.4	2.4
J128A	ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	65	118	140	11	12	30		46	55	76	51		1.6	2.9
J128B	ESTELLINE SILT LOAM, 2 TO 6 PERCENT SLOPES	58	105	125	10	11	27		41	49	68	46		1.5	2.6
J129B	ESTELLINE-KAMPESKA SILT LOAMS, 2 TO 6 PERCENT SLOPES	54	98	116	9	10	25		38	46	63	43		1.4	2.4
J130B	ESTELLINE-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	45	82	97	8	8	21		32	38	52	36		1.1	2.0
J131A	FAIRDALE LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLO	20	36	43	4	4	9		14	17	23	16		0.5	0.9
J132A	FORDTOWN LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	60	109	129	11	11	28		42	51	70	47		1.5	2.7
J133A	FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	88	160	190	15	16	41		62	75	103	69		2.2	3.9
J133B	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	83	151	179	15	15	39		59	71	97	65		2.1	3.7
J134C	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	64	116	138	11	12	30		45	54	75	51		1.6	2.8
J135A	GOLDSMITH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	163	194	16	17	42		64	77	105	71		2.3	4.0
J136A	GREAT BEND-BEOTIA SILT LOAMS, 0 TO 2 PERCENT SLOPES	95	172	205	17	17	44		67	81	111	75		2.4	4.2

Codington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
J137B	GREAT BEND-ZELL SILT LOAMS, 2 TO 6 PERCENT SLOPES	77	140	166	14	14	36		54	65	90	61		1.9	3.4
J137C	GREAT BEND-ZELL SILT LOAMS, 6 TO 9 PERCENT SLOPES	65	118	140	11	12	30		46	55	76	51		1.6	2.9
J138A	HAMERLY-BADGER COMPLEX, 0 TO 2 PERCENT SLOPES	72	131	155	13	13	34		51	61	84	57		1.8	3.2
J139A	HAMERLY-BALATON LOAMS, 0 TO 4 PERCENT SLOPES	69	125	149	12	13	32		49	59	80	54		1.7	3.1
J140A	HAMERLY-TONKA COMPLEX, 0 TO 2 PERCENT SLOPES	66	120	142	12	12	31		47	56	77	52		1.7	2.9
J141A	HETLAND SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	89	162	192	16	16	42		63	76	104	70		2.2	4.0
J141B	HETLAND SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	84	152	181	15	15	39		59	71	98	66		2.1	3.7
J142A	HIDEWOOD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLO	54	98	116	9	10	25		38	46	63	43		1.4	2.4
J143A	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	169	201	16	17	44		66	79	108	73		2.3	4.1
J143B	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	89	162	192	16	16	42		63	76	104	70		2.2	4.0
J144B	KINGS LAKE-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	81	147	175	14	15	38		57	69	94	64		2.0	3.6
J145A	KRANZBURG-CRESBARD COMPLEX, 0 TO 2 PERCENT SLOPES	78	142	168	14	14	37		55	66	91	62		2.0	3.5
J146A	LAMOURE-RAUVILLE SILTY CLAY LOAMS, CHANNELED, 0 TO 2 PERCENT SLO	13	24	28	2	2	6		9	11	15	10		0.3	0.6
J147A	LOWE LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED	43	78	93	8	8	20		30	37	50	34		1.1	1.9
J148E	MADDOCK LOAMY FINE SAND, 9 TO 25 PERCENT SLOPES	10	18	22	2	2	5		7	9	12	8		0.3	0.4
J149B	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	42	76	91	7	8	20		30	36	49	33		1.1	1.9
J149C	MADDOCK-EGELAND SANDY LOAMS, 6 TO 9 PERCENT SLOPES	32	58	69	6	6	15		23	27	37	25		0.8	1.4
J150A	MAHONEY SILT LOAM, 0 TO 2 PERCENT SLOPES	59	107	127	10	11	28		42	50	69	47		1.5	2.6
J151A	MARYSLAND LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED	32	58	69	6	6	15		23	27	37	25		0.8	1.4
J152A	MAUVAIS CLAY LOAM, OCCASIONALLY PONDED, 0 TO 2 PERCENT SLOPES	24	44	52	4	4	11		17	20	28	19		0.6	1.1
J153B	MAUVAIS CLAY LOAM, OCCASIONALLY PONDED, 2 TO 6 PERCENT SLOPES, E	4	7	9	1	1	2		3	3	5	3		0.1	0.2
J154A	MCKRANZ SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	75	136	162	13	14	35		53	64	87	59		1.9	3.3
J155A	MCKRANZ SILTY CLAY LOAM, MODERATELY SALINE, 0 TO 1 PERCENT SLOPE	36	65	78	6	7	17		25	31	42	28		0.9	1.6
J156A	MCKRANZ-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	73	133	157	13	13	34		52	62	85	58		1.8	3.2
J157A	MCKRANZ-HIDEWOOD, FREQUENTLY FLOODED, SILTY CLAY LOAMS, 0 TO 2	67	122	144	12	12	31		47	57	78	53		1.7	3.0
J158A	MINNEWASTA SANDY LOAM, OCCASIONALLY PONDED, 0 TO 2 PERCENT SLO	23	42	50	4	4	11		16	20	27	18		0.6	1.0
J158B	MINNEWASTA SANDY LOAM, OCCASIONALLY PONDED, 2 TO 6 PERCENT SLO	23	42	50	4	4	11		16	20	27	18		0.6	1.0
J159A	MINNEWAUKAN LOAMY SAND, OCCASIONALLY PONDED, 0 TO 3 PERCENT SL	20	36	43	4	4	9		14	17	23	16		0.5	0.9
J160A	MORITZ, OCCASIONALLY FLOODED-LAMOURE, FREQUENTLY FLOODED, CO	65	118	140	11	12	30		46	55	76	51		1.6	2.9
J161A	PARNELL SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	32	58	69	6	6	15		23	27	37	25		0.8	1.4
J162B	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	81	147	175	14	15	38		57	69	94	64		2.0	3.6
J162C	POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	72	131	155	13	13	34		51	61	84	57		1.8	3.2
J163B	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	84	152	181	15	15	39		59	71	98	66		2.1	3.7
J164A	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	169	201	16	17	44		66	79	108	73		2.3	4.1
J164B	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	89	162	192	16	16	42		63	76	104	70		2.2	4.0
J165A	RAUVILLE MUCKY SILTY CLAY LOAM, PONDED, 0 TO 1 PERCENT SLOPES, FR	11	20	24	2	2	5		8	9	13	9		0.3	0.5
J166A	RAUVILLE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOO	23	42	50	4	4	11		16	20	27	18		0.6	1.0
J167A	RENSHAW LOAM, 0 TO 2 PERCENT SLOPES	41	74	88	7	8	19		29	35	48	32		1.0	1.8
J167B	RENSHAW LOAM, 2 TO 6 PERCENT SLOPES	38	69	82	7	7	18		27	32	44	30		1.0	1.7
J168A	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	47	85	101	8	9	22		33	40	55	37		1.2	2.1

Codington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
J168B	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	43	78	93	8	8	20		30	37	50	34		1.1	1.9
J169B	RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	35	64	75	6	6	16		25	30	41	28		0.9	1.6
J169C	RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	28	51	60	5	5	13		20	24	33	22		0.7	1.2
J170A	RENTILL LOAM, 0 TO 2 PERCENT SLOPES	54	98	116	9	10	25		38	46	63	43		1.4	2.4
J171A	RENWASH LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	47	85	101	8	9	22		33	40	55	37		1.2	2.1
J172A	SEDGEVILLE SANDY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOOD	32	58	69	6	6	15		23	27	37	25		0.8	1.4
J173D	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	21	38	45	4	4	10		15	18	24	17		0.5	0.9
J173E	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	10	18	22	2	2	5		7	9	12	8		0.3	0.4
J174E	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES, VERY STONY	5	9	11	1	1	2		4	4	6	4		0.1	0.2
J175A	SOUTHAM SILTY CLAY LOAMS, 0 TO 1 PERCENT SLOPES	8	15	17	1	1	4		6	7	9	6		0.2	0.4
J176A	SPOTTSWOOD LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	75	136	162	13	14	35		53	64	87	59		1.9	3.3
J177A	STILL LAKE-GRACELAND SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	171	203	17	17	44		66	80	110	74		2.4	4.2
J177B	STILL LAKE-GRACELAND SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	90	163	194	16	17	42		64	77	105	71		2.3	4.0
J178A	SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	75	136	162	13	14	35		53	64	87	59		1.9	3.3
J179A	TONKA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	57	103	123	10	10	27		40	48	66	45		1.4	2.5
J180	UDORTHENTS (GRAVEL PITS)	2	4	4	0	0	1		1	2	2	2		0.1	0.1
J181	UDORTHENTS, LOAMY (CUT AND FILL LAND)	41	74	88	7	8	19		29	35	48	32		1.0	1.8
J182A	VALLERS LOAM, 0 TO 1 PERCENT SLOPES	42	76	91	7	8	20		30	36	49	33		1.1	1.9
J183A	VALLERS-HAMERLY LOAMS, 0 TO 2 PERCENT SLOPES	51	93	110	9	9	24		36	43	59	40		1.3	2.3
J184A	VALLERS-PARNELL COMPLEX, 0 TO 2 PERCENT SLOPES	42	76	91	7	8	20		30	36	49	33		1.1	1.9
J185B	VIENNA-BARNES-FORESTVILLE LOAMS, 2 TO 6 PERCENT SLOPES	81	147	175	14	15	38		57	69	94	64		2.0	3.6
J186A	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	89	162	192	16	16	42		63	76	104	70		2.2	4.0
J186B	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	85	154	183	15	16	40		60	72	99	67		2.1	3.8
J187C	VIENNA-BUSE COMPLEX, 6 TO 9 PERCENT SLOPES	64	116	138	11	12	30		45	54	75	51		1.6	2.8
J188A	VIENNA-FORESTVILLE LOAMS, 0 TO 2 PERCENT SLOPES	88	160	190	15	16	41		62	75	103	69		2.2	3.9
J189B	WAMDUSKA GRAVELLY LOAMY COARSE SAND, OCCASIONALLY PONDED, 2	11	20	24	2	2	5		8	9	13	9		0.3	0.5
J190B	WAMDUSKA GRAVELLY LOAMY COARSE SAND, OCCASIONALLY PONDED, 2	4	7	9	1	1	2		3	3	5	3		0.1	0.2
J191A	WAUBAY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	98	178	211	17	18	46		69	83	114	77		2.5	4.4
J192A	WAUBAY-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	90	163	194	16	17	42		64	77	105	71		2.3	4.0
J193D	ZELL-GREAT BEND SILT LOAMS, 9 TO 15 PERCENT SLOPES	46	84	99	8	8	22		33	39	54	36		1.2	2.0
J194A	OLDHAM SILTY CLAY LOAMS, 0 TO 1 PERCENT SLOPES	30	54	65	5	6	14		21	26	35	24		0.8	1.3
J239A	LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	93	169	201	16	17	44		66	79	108	73		2.3	4.1
J241A	BRANDT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	86	156	185	15	16	40		61	73	100	68		2.2	3.8
J241B	BRANDT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	77	140	166	14	14	36		54	65	90	61		1.9	3.4
J244A	LAMOURE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLO	67	122	144	12	12	31		47	57	78	53		1.7	3.0
J245A	DARNEN LOAM, STRATIFIED SUBSTRATUM, 0 TO 2 PERCENT SLOPES	91	165	196	16	17	43		64	77	106	72		2.3	4.0
J246A	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	59	107	127	10	11	28		42	50	69	47		1.5	2.6
J247B	LANONA-SWENODA FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	64	116	138	11	12	30		45	54	75	51		1.6	2.8
J257A	GRACELAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	98	178	211	17	18	46		69	83	114	77		2.5	4.4
J258B	DARNEN LOAM, 2 TO 6 PERCENT SLOPES	85	154	183	15	16	40		60	72	99	67		2.1	3.8

Codington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0

Corson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		70	137	9	12	24	38	30	39	51	31	1,670	1.4	1.5
	County Average Crop Soil Map Unit Productivity Index =	57.3													
An	ARNEGARD LOAM	94	115	225	14	20	39	63	49	64	84	50	2,740	2.2	2.5
Bb	BADLAND	1	1	2	0	0	0	1	1	1	1	1	29	0.0	0.0
Bd	BANKS FINE SAND	25	30	60	4	5	10	17	13	17	22	13	729	0.6	0.7
BeA	BELFIELD-DAGLUM COMPLEX, 0 TO 3 PERCENT SLOPES	62	76	148	9	14	26	41	32	42	55	33	1,807	1.5	1.6
BfA	BRYANT SILT LOAM, 0 TO 2 PERCENT SLOPES	93	113	222	14	20	38	62	48	63	83	50	2,711	2.2	2.5
BfB	BRYANT SILT LOAM, 2 TO 6 PERCENT SLOPES	86	105	206	13	19	36	57	45	59	77	46	2,507	2.0	2.3
BgB	BRYANT-SUTLEY SILT LOAMS, 2 TO 6 PERCENT SLOPES	77	94	184	12	17	32	51	40	52	69	41	2,245	1.8	2.0
BgC	BRYANT-SUTLEY SILT LOAMS, 6 TO 9 PERCENT SLOPES	67	82	160	10	15	28	45	35	46	60	36	1,953	1.6	1.8
BlA	BULLCREEK CLAY, 0 TO 4 PERCENT SLOPES	8	10	19	1	2	3	5	4	5	7	4	233	0.2	0.2
BmA	BULLCREEK-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	7	9	17	1	2	3	5	4	5	6	4	204	0.2	0.2
BnA	BULLOCK FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	10	12	24	2	2	4	7	5	7	9	5	292	0.2	0.3
BrB	BULLOCK-PARCHIN FINE SANDY LOAMS, 0 TO 9 PERCENT SLOPES	20	24	48	3	4	8	13	10	14	18	11	583	0.5	0.5
BsB	BULLOCK-PARCHIN-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	18	22	43	3	4	7	12	9	12	16	10	525	0.4	0.5
BuB	BULLOCK-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	8	10	19	1	2	3	5	4	5	7	4	233	0.2	0.2
BvE	BULLOCK-SLICKSPOTS-ROCK OUTCROP COMPLEX, 0 TO 40 PERCENT SLOP	5	6	12	1	1	2	3	3	3	4	3	146	0.1	0.1
BzB	BULLOCK-TELFER-PARCHIN COMPLEX, 0 TO 9 PERCENT SLOPES	19	23	45	3	4	8	13	10	13	17	10	554	0.5	0.5
CaF	CABBA-AMOR LOAMS, 15 TO 60 PERCENT SLOPES	17	21	41	3	4	7	11	9	12	15	9	496	0.4	0.5
CbD	CABBA-REEDER LOAMS, 6 TO 25 PERCENT SLOPES	22	27	53	3	5	9	15	11	15	20	12	641	0.5	0.6
CeE	CABBA-SHAMBO LOAMS, 6 TO 40 PERCENT SLOPES	13	16	31	2	3	5	9	7	9	12	7	379	0.3	0.3
CgF	COHAGEN-CABBA-ROCK OUTCROP COMPLEX, 6 TO 70 PERCENT SLOPES	7	9	17	1	2	3	5	4	5	6	4	204	0.2	0.2
CvD	COHAGEN-VEBAR FINE SANDY LOAMS, 6 TO 25 PERCENT SLOPES	24	29	57	4	5	10	16	12	16	21	13	700	0.6	0.6
DaA	DAGLUM LOAM, 0 TO 3 PERCENT SLOPES	39	48	93	6	9	16	26	20	27	35	21	1,137	0.9	1.0
DuD	DUPREE-ROCK OUTCROP COMPLEX, 6 TO 30 PERCENT SLOPES	4	5	10	1	1	2	3	2	3	4	2	117	0.1	0.1
EkA	EKALAKA VERY FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	31	38	74	5	7	13	21	16	21	28	17	904	0.7	0.8
EpB	EKALAKA-PARSHALL COMPLEX, 0 TO 6 PERCENT SLOPES	36	44	86	5	8	15	24	19	25	32	19	1,049	0.9	1.0
EvB	EVRIDGE FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	27	33	65	4	6	11	18	14	18	24	14	787	0.6	0.7
EwB	EVRIDGE-BULLOCK FINE SANDY LOAMS, 0 TO 6 PERCENT SLOPES	20	24	48	3	4	8	13	10	14	18	11	583	0.5	0.5
ExB	EVRIDGE-PARCHIN FINE SANDY LOAMS, 0 TO 6 PERCENT SLOPES	26	32	62	4	6	11	17	13	18	23	14	758	0.6	0.7
FaA	FARNUF LOAM, 0 TO 2 PERCENT SLOPES	84	102	201	13	18	35	56	44	57	75	45	2,449	2.0	2.2
FaB	FARNUF LOAM, 2 TO 6 PERCENT SLOPES	79	96	189	12	17	33	53	41	54	70	42	2,303	1.9	2.1
FrF	FLASHER-ROCK OUTCROP COMPLEX, 30 TO 60 PERCENT SLOPES	2	2	5	0	0	1	1	1	1	2	1	58	0.0	0.1
FtF	FLASHER-TELFER COMPLEX, 15 TO 40 PERCENT SLOPES	5	6	12	1	1	2	3	3	3	4	3	146	0.1	0.1
Ge	GLENROSS FINE SANDY LOAM	30	37	72	5	7	12	20	16	20	27	16	875	0.7	0.8
Gk	GLENROSS-EKALAKA FINE SANDY LOAMS	33	40	79	5	7	14	22	17	22	29	18	962	0.8	0.9
Gr	GRAIL SILTY CLAY LOAM	92	112	220	14	20	38	61	48	63	82	49	2,682	2.2	2.4
Gs	GRASSNA SILT LOAM	97	118	232	15	21	40	65	50	66	86	52	2,828	2.3	2.6
Hd	HARRIET LOAM	7	9	17	1	2	3	5	4	5	6	4	204	0.2	0.2

Corson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Hf	HAVRELON LOAM	73	89	174	11	16	30	49	38	50	65	39	2,128	1.7	1.9
Hg	HAVRELON LOAM, CHANNELED	29	35	69	4	6	12	19	15	20	26	15	845	0.7	0.8
Hn	HAVRELON LOAM, TERRACE	76	93	182	12	17	31	51	39	52	68	40	2,215	1.8	2.0
HrA	HAVRELON-RHOADES LOAMS, 0 TO 4 PERCENT SLOPES	49	60	117	7	11	20	33	25	33	44	26	1,428	1.2	1.3
Hs	HEIL SILT LOAM	15	18	36	2	3	6	10	8	10	13	8	437	0.4	0.4
HuB	HURLEY SILT LOAM, 0 TO 9 PERCENT SLOPES	10	12	24	2	2	4	7	5	7	9	5	292	0.2	0.3
HwA	HURLEY-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	15	18	36	2	3	6	10	8	10	13	8	437	0.4	0.4
JrF	JANESBURG-REGENT-CABBA COMPLEX, 9 TO 35 PERCENT SLOPES	26	32	62	4	6	11	17	13	18	23	14	758	0.6	0.7
Ka	KORCHEA LOAM	73	89	174	11	16	30	49	38	50	65	39	2,128	1.7	1.9
Kc	KORCHEA LOAM, CHANNELED	30	37	72	5	7	12	20	16	20	27	16	875	0.7	0.8
La	LALLIE SILTY CLAY LOAM	23	28	55	4	5	9	15	12	16	20	12	670	0.5	0.6
LeA	LEHR LOAM, 0 TO 2 PERCENT SLOPES	43	52	103	7	9	18	29	22	29	38	23	1,253	1.0	1.1
LeB	LEHR LOAM, 2 TO 6 PERCENT SLOPES	40	49	96	6	9	17	27	21	27	36	21	1,166	1.0	1.1
Mc	MCKENZIE CLAY	27	33	65	4	6	11	18	14	18	24	14	787	0.6	0.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaB	OPAL CLAY, 2 TO 6 PERCENT SLOPES	56	68	134	9	12	23	37	29	38	50	30	1,632	1.3	1.5
OaC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	48	59	115	7	10	20	32	25	33	43	26	1,399	1.1	1.3
OdC	OPAL-DUPREE CLAYS, 2 TO 9 PERCENT SLOPES	32	39	76	5	7	13	21	17	22	28	17	933	0.8	0.8
OhB	OPAL-HURLEY COMPLEX, 0 TO 9 PERCENT SLOPES	39	48	93	6	9	16	26	20	27	35	21	1,137	0.9	1.0
OsC	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	27	33	65	4	6	11	18	14	18	24	14	787	0.6	0.7
PaB	PARCHIN FINE SANDY LOAM, 0 TO 9 PERCENT SLOPES	28	34	67	4	6	12	19	15	19	25	15	816	0.7	0.7
PdD	PARCHIN-BULLOCK-CABBA COMPLEX, 6 TO 30 PERCENT SLOPES	10	12	24	2	2	4	7	5	7	9	5	292	0.2	0.3
PeA	PARSHALL FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	61	74	146	9	13	25	41	32	42	54	32	1,778	1.5	1.6
Pg	PITS, GRAVEL	1	1	2	0	0	0	1	1	1	1	1	29	0.0	0.0
PrA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	72	88	172	11	16	30	48	37	49	64	38	2,099	1.7	1.9
PrB	PROMISE CLAY, 2 TO 6 PERCENT SLOPES	64	78	153	10	14	26	43	33	44	57	34	1,866	1.5	1.7
RaA	REEDER LOAM, 0 TO 2 PERCENT SLOPES	84	102	201	13	18	35	56	44	57	75	45	2,449	2.0	2.2
RaB	REEDER LOAM, 2 TO 6 PERCENT SLOPES	79	96	189	12	17	33	53	41	54	70	42	2,303	1.9	2.1
RaC	REEDER LOAM, 6 TO 9 PERCENT SLOPES	60	73	143	9	13	25	40	31	41	53	32	1,749	1.4	1.6
RcB	REEDER-CABBA LOAMS, 3 TO 6 PERCENT SLOPES	64	78	153	10	14	26	43	33	44	57	34	1,866	1.5	1.7
RcC	REEDER-CABBA LOAMS, 6 TO 9 PERCENT SLOPES	50	61	119	8	11	21	33	26	34	44	27	1,458	1.2	1.3
RhB	REEDER-RHOADES LOAMS, 2 TO 9 PERCENT SLOPES	48	59	115	7	10	20	32	25	33	43	26	1,399	1.1	1.3
RnA	REGENT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	65	79	155	10	14	27	43	34	44	58	35	1,895	1.5	1.7
RnB	REGENT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	60	73	143	9	13	25	40	31	41	53	32	1,749	1.4	1.6
RpC	REGENT-WAYDEN SILTY CLAY LOAMS, 6 TO 15 PERCENT SLOPES	35	43	84	5	8	14	23	18	24	31	19	1,020	0.8	0.9
RrA	RHOADES LOAM, 0 TO 6 PERCENT SLOPES	12	15	29	2	3	5	8	6	8	11	6	350	0.3	0.3
RsB	RHOADES-DAGLUM LOAMS, 0 TO 9 PERCENT SLOPES	22	27	53	3	5	9	15	11	15	20	12	641	0.5	0.6
RtB	RHOADES-DAGLUM-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	20	24	48	3	4	8	13	10	14	18	11	583	0.5	0.5
RuB	RHOADES-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	15	18	36	2	3	6	10	8	10	13	8	437	0.4	0.4
RvE	RHOADES-SLICKSPOTS-ROCK OUTCROP COMPLEX, 0 TO 40 PERCENT SLOP	6	7	14	1	1	2	4	3	4	5	3	175	0.1	0.2

Corson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
RzF	ROCK OUTCROP-CABBA COMPLEX, 6 TO 40 PERCENT SLOPES	4	5	10	1	1	2	3	2	3	4	2	117	0.1	0.1
SbE	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	8	10	19	1	2	3	5	4	5	7	4	233	0.2	0.2
SdD	SANSARC-OPAL-DUPREE CLAYS, 9 TO 25 PERCENT SLOPES	11	13	26	2	2	5	7	6	7	10	6	321	0.3	0.3
SeE	SANSARC-WABEK COMPLEX, 15 TO 40 PERCENT SLOPES	6	7	14	1	1	2	4	3	4	5	3	175	0.1	0.2
SgA	SAVAGE SILT LOAM, 0 TO 3 PERCENT SLOPES	85	104	203	13	19	35	57	44	58	76	45	2,478	2.0	2.3
SgB	SAVAGE SILT LOAM, 3 TO 6 PERCENT SLOPES	80	98	191	12	17	33	53	41	54	71	43	2,332	1.9	2.1
ShA	SHAMBO LOAM, 0 TO 2 PERCENT SLOPES	83	101	198	13	18	34	55	43	56	74	44	2,420	2.0	2.2
ShB	SHAMBO LOAM, 2 TO 6 PERCENT SLOPES	78	95	186	12	17	32	52	40	53	69	42	2,274	1.9	2.1
ShC	SHAMBO LOAM, 6 TO 9 PERCENT SLOPES	62	76	148	9	14	26	41	32	42	55	33	1,807	1.5	1.6
StA	STADY LOAM, 0 TO 2 PERCENT SLOPES	55	67	131	8	12	23	37	28	37	49	29	1,603	1.3	1.5
StB	STADY LOAM, 2 TO 6 PERCENT SLOPES	49	60	117	7	11	20	33	25	33	44	26	1,428	1.2	1.3
TaA	TALLY FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	54	66	129	8	12	22	36	28	37	48	29	1,574	1.3	1.4
TdA	TELFER LOAMY SAND, 0 TO 6 PERCENT SLOPES	30	37	72	5	7	12	20	16	20	27	16	875	0.7	0.8
TeB	TELFER-EKALAKA COMPLEX, 0 TO 6 PERCENT SLOPES	26	32	62	4	6	11	17	13	18	23	14	758	0.6	0.7
Th	TREMBLES FINE SANDY LOAM	43	52	103	7	9	18	29	22	29	38	23	1,253	1.0	1.1
Tm	TREMBLES FINE SANDY LOAM, CHANNELED	32	39	76	5	7	13	21	17	22	28	17	933	0.8	0.8
Tt	TREMBLES FINE SANDY LOAM, TERRACE	46	56	110	7	10	19	31	24	31	41	24	1,341	1.1	1.2
VeA	VEBAR FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	58	71	139	9	13	24	39	30	39	52	31	1,691	1.4	1.5
VeB	VEBAR FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	51	62	122	8	11	21	34	26	35	45	27	1,487	1.2	1.4
VhB	VEBAR-COHAGEN FINE SANDY LOAMS, 2 TO 9 PERCENT SLOPES	43	52	103	7	9	18	29	22	29	38	23	1,253	1.0	1.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaD	WABEK GRAVELLY SANDY LOAM, 2 TO 35 PERCENT SLOPES	3	4	7	0	1	1	2	2	2	3	2	87	0.1	0.1
WcE	WAYDEN-CABBA COMPLEX, 9 TO 40 PERCENT SLOPES	8	10	19	1	2	3	5	4	5	7	4	233	0.2	0.2
WdE	WAYDEN AND CABBA SOILS, 6 TO 40 PERCENT SLOPES, EXTREMELY STONY	6	7	14	1	1	2	4	3	4	5	3	175	0.1	0.2
Wt	WENDTE SILTY CLAY, CHANNELED	29	35	69	4	6	12	19	15	20	26	15	845	0.7	0.8
ZeB	ZEONA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	28	34	67	4	6	12	19	15	19	25	15	816	0.7	0.7
ZsD	ZEONA-SLICKSPOTS-ROCK OUTCROP COMPLEX, 0 TO 30 PERCENT SLOPES	16	20	38	2	3	7	11	8	11	14	9	466	0.4	0.4

Custer County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		62	82	3	9	37	46	25	24	33	37	1,720	1.3	1.7
	County Average Crop Soil Map Unit Productivity Index =	64.35													
AaA	ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	55	53	70	2	8	32	39	22	20	29	32	1,470	1.1	1.5
AaB	ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	49	47	62	2	7	28	35	19	18	25	28	1,310	1.0	1.3
AaC	ALTVAN LOAM, 6 TO 9 PERCENT SLOPES	36	35	46	2	5	21	26	14	13	19	21	962	0.7	1.0
AbA	ALTVAN SANDY LOAM, 0 TO 2 PERCENT SLOPES	55	53	70	2	8	32	39	22	20	29	32	1,470	1.1	1.5
AbB	ALTVAN SANDY LOAM, 2 TO 6 PERCENT SLOPES	49	47	62	2	7	28	35	19	18	25	28	1,310	1.0	1.3
ArA	ARVADA LOAM, 0 TO 4 PERCENT SLOPES	13	13	16	1	2	7	9	5	5	7	7	347	0.3	0.4
BaA	BACA SILT LOAM, 0 TO 4 PERCENT SLOPES	48	46	61	2	7	28	34	19	18	25	28	1,283	1.0	1.3
Bb	BADLAND	4	4	5	0	1	2	3	2	1	2	2	107	0.1	0.1
BcB	BANKARD LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	30	29	38	1	4	17	21	12	11	16	17	802	0.6	0.8
BfA	BECKTON SILT LOAM, 0 TO 4 PERCENT SLOPES	37	36	47	2	5	21	26	15	14	19	21	989	0.7	1.0
BhA	BECKTON-ARVADA COMPLEX, 0 TO 4 PERCENT SLOPES	30	29	38	1	4	17	21	12	11	16	17	802	0.6	0.8
BkA	BLACKPIPE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	67	65	85	3	10	39	48	26	24	35	39	1,791	1.3	1.8
BkB	BLACKPIPE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	63	61	80	3	9	36	45	25	23	33	36	1,684	1.3	1.7
BlA	BLACKPIPE CLAY LOAM, 0 TO 2 PERCENT SLOPES	63	61	80	3	9	36	45	25	23	33	36	1,684	1.3	1.7
BlB	BLACKPIPE CLAY LOAM, 2 TO 6 PERCENT SLOPES	59	57	75	3	9	34	42	23	22	31	34	1,577	1.2	1.6
BnC	BLACKPIPE-NORREST COMPLEX, 6 TO 12 PERCENT SLOPES	45	44	57	2	7	26	32	18	16	23	26	1,203	0.9	1.2
BoA	BLACKPIPE-WORTMAN COMPLEX, 0 TO 3 PERCENT SLOPES	52	50	66	2	8	30	37	20	19	27	30	1,390	1.0	1.4
BoB	BLACKPIPE-WORTMAN COMPLEX, 1 TO 6 PERCENT SLOPES	47	45	60	2	7	27	34	18	17	24	27	1,256	0.9	1.3
Bp	BRIDGEPORT SILT LOAM	82	79	104	4	12	47	59	32	30	43	47	2,192	1.7	2.2
Ca	CACTUSFLAT SILTY CLAY	59	57	75	3	9	34	42	23	22	31	34	1,577	1.2	1.6
Cb	CACTUSFLAT-WETA COMPLEX	42	41	53	2	6	24	30	16	15	22	24	1,123	0.8	1.1
CeA	CEDARPASS SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	59	57	75	3	9	34	42	23	22	31	34	1,577	1.2	1.6
CfA	CEDARPASS-DENBY COMPLEX, 0 TO 3 PERCENT SLOPES	48	46	61	2	7	28	34	19	18	25	28	1,283	1.0	1.3
Ch	CEDARPASS-INTERIOR-BADLAND COMPLEX	37	36	47	2	5	21	26	15	14	19	21	989	0.7	1.0
ClF	COLBY SILT LOAM, 9 TO 40 PERCENT SLOPES	8	8	10	0	1	5	6	3	3	4	5	214	0.2	0.2
CmC	COLBY-NORKA SILT LOAMS, 6 TO 15 PERCENT SLOPES	40	39	51	2	6	23	29	16	15	21	23	1,069	0.8	1.1
Cn	COLOMBO LOAM	80	77	101	4	12	46	57	31	29	42	46	2,138	1.6	2.2
Co	COLOMBO LOAM, CHANNELED	32	31	41	1	5	18	23	13	12	17	18	855	0.6	0.9
Cp	COLOMBO-URBAN LAND COMPLEX	50	48	63	2	7	29	36	20	18	26	29	1,336	1.0	1.3
CuD	CONATA-HISLE COMPLEX, 6 TO 25 PERCENT SLOPES	9	9	11	0	1	5	6	4	3	5	5	241	0.2	0.2
CyC	CUSHMAN LOAM, 6 TO 9 PERCENT SLOPES	60	58	76	3	9	34	43	24	22	31	34	1,604	1.2	1.6
CzD	CUSHMAN-SHINGLE LOAMS, 9 TO 15 PERCENT SLOPES	29	28	37	1	4	17	21	11	11	15	17	775	0.6	0.8
DmA	DENBY SILTY CLAY, 0 TO 3 PERCENT SLOPES	37	36	47	2	5	21	26	15	14	19	21	989	0.7	1.0
Eg	EGAS SILTY CLAY LOAM	9	9	11	0	1	5	6	4	3	5	5	241	0.2	0.2
EmA	EMIGRANT LOAM, 0 TO 2 PERCENT SLOPES	73	71	93	3	11	42	52	29	27	38	42	1,951	1.5	2.0
EmB	EMIGRANT LOAM, 2 TO 6 PERCENT SLOPES	66	64	84	3	10	38	47	26	24	34	38	1,764	1.3	1.8
EnD	ENNING-MINNEQUA SILT LOAMS, 9 TO 25 PERCENT SLOPES	18	17	23	1	3	10	13	7	7	9	10	481	0.4	0.5

Custer County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
FaE	FAIRBURN CLAY LOAM, 9 TO 40 PERCENT SLOPES	12	12	15	1	2	7	9	5	4	6	7	321	0.2	0.3
FgE	FAIRBURN GRAVELLY CLAY LOAM, 15 TO 45 PERCENT SLOPES, BOULDERY	2	2	3	0	0	1	1	1	1	1	1	53	0.0	0.1
FhE	FAIRBURN-BADLAND COMPLEX, 9 TO 40 PERCENT SLOPES	11	11	14	0	2	6	8	4	4	6	6	294	0.2	0.3
FoF	FAIRBURN-ORELLA-BADLAND COMPLEX, 15 TO 45 PERCENT SLOPES	9	9	11	0	1	5	6	4	3	5	5	241	0.2	0.2
Gb	GLENBERG FINE SANDY LOAM	43	42	55	2	6	25	31	17	16	22	25	1,149	0.9	1.2
GrE	GRUMMIT-ROCK OUTCROP COMPLEX, 6 TO 40 PERCENT SLOPES	5	5	6	0	1	3	4	2	2	3	3	134	0.1	0.1
GsD	GRUMMIT-URBAN LAND COMPLEX, 9 TO 30 PERCENT SLOPES	2	2	3	0	0	1	1	1	1	1	1	53	0.0	0.1
Ha	HAVERSON SILT LOAM	79	76	100	4	11	45	56	31	29	41	45	2,112	1.6	2.1
Hc	HAVERSON LOAM, CHANNELED	31	30	39	1	4	18	22	12	11	16	18	829	0.6	0.8
HpB	HISLE SILT LOAM, 0 TO 6 PERCENT SLOPES	11	11	14	0	2	6	8	4	4	6	6	294	0.2	0.3
HrC	HISLE-ROCK OUTCROP COMPLEX, 2 TO 9 PERCENT SLOPES	7	7	9	0	1	4	5	3	3	4	4	187	0.1	0.2
HsB	HISLE-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	10	10	13	0	1	6	7	4	4	5	6	267	0.2	0.3
Hv	HOVEN SILT LOAM	14	14	18	1	2	8	10	5	5	7	8	374	0.3	0.4
Hz	HOVEN VARIANT SILTY CLAY, PONDED	12	12	15	1	2	7	9	5	4	6	7	321	0.2	0.3
In	INTERIOR LOAM	35	34	44	2	5	20	25	14	13	18	20	936	0.7	0.9
Io	INTERIOR LOAM, CHANNELED	32	31	41	1	5	18	23	13	12	17	18	855	0.6	0.9
IrB	INTERIOR-CEDARPASS-DENBY COMPLEX, 0 TO 6 PERCENT SLOPES	38	37	48	2	6	22	27	15	14	20	22	1,016	0.8	1.0
JaA	JAYEM FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	68	66	86	3	10	39	49	27	25	35	39	1,818	1.4	1.8
JaC	JAYEM FINE SANDY LOAM, 3 TO 9 PERCENT SLOPES	60	58	76	3	9	34	43	24	22	31	34	1,604	1.2	1.6
KtA	KYLE CLAY, 0 TO 1 PERCENT SLOPES	62	60	79	3	9	36	44	24	23	32	36	1,657	1.2	1.7
KyA	KYLE CLAY, 0 TO 3 PERCENT SLOPES	61	59	77	3	9	35	44	24	22	32	35	1,630	1.2	1.6
KyB	KYLE CLAY, 3 TO 6 PERCENT SLOPES	52	50	66	2	8	30	37	20	19	27	30	1,390	1.0	1.4
KyC	KYLE CLAY, 6 TO 9 PERCENT SLOPES	42	41	53	2	6	24	30	16	15	22	24	1,123	0.8	1.1
LaB	LARVIE CLAY, 0 TO 4 PERCENT SLOPES	57	55	72	3	8	33	41	22	21	30	33	1,524	1.1	1.5
LaD	LARVIE CLAY, 6 TO 15 PERCENT SLOPES	33	32	42	1	5	19	24	13	12	17	19	882	0.7	0.9
LhC	LARVIE-HISLE COMPLEX, 0 TO 9 PERCENT SLOPES	26	25	33	1	4	15	19	10	9	14	15	695	0.5	0.7
Lo	LOHMILLER SILTY CLAY	73	71	93	3	11	42	52	29	27	38	42	1,951	1.5	2.0
Lp	LOHMILLER SILTY CLAY, CHANNELED	31	30	39	1	4	18	22	12	11	16	18	829	0.6	0.8
MaB	MANVEL SILT LOAM, 0 TO 6 PERCENT SLOPES	59	57	75	3	9	34	42	23	22	31	34	1,577	1.2	1.6
MeC	MANVEL-MINNEQUA SILT LOAMS, 2 TO 9 PERCENT SLOPES	52	50	66	2	8	30	37	20	19	27	30	1,390	1.0	1.4
MgC	MANVEL-URBAN LAND COMPLEX, 6 TO 15 PERCENT SLOPES	31	30	39	1	4	18	22	12	11	16	18	829	0.6	0.8
MoE	MIDWAY SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	6	6	8	0	1	3	4	2	2	3	3	160	0.1	0.2
MosE	MIDWAY CLAY LOAM, 15 TO 40 PERCENT SLOPES, STONY	5	5	6	0	1	3	4	2	2	3	3	134	0.1	0.1
MpD	MIDWAY-URBAN LAND COMPLEX, 9 TO 30 PERCENT SLOPES	9	9	11	0	1	5	6	4	3	5	5	241	0.2	0.2
MrC	MINNEQUA-PENROSE COMPLEX, 6 TO 9 PERCENT SLOPES	36	35	46	2	5	21	26	14	13	19	21	962	0.7	1.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NdE	NIHILL GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	8	8	10	0	1	5	6	3	3	4	5	214	0.2	0.2
NeD	NIHILL VERY GRAVELLY LOAM, 0 TO 25 PERCENT SLOPES	12	12	15	1	2	7	9	5	4	6	7	321	0.2	0.3
NgA	NORKA SILT LOAM, 0 TO 2 PERCENT SLOPES	86	83	109	4	12	49	61	34	31	45	49	2,299	1.7	2.3
NgB	NORKA SILT LOAM, 2 TO 6 PERCENT SLOPES	82	79	104	4	12	47	59	32	30	43	47	2,192	1.7	2.2

Custer County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
NhA	NORKA-WETA SILT LOAMS, 0 TO 3 PERCENT SLOPES	57	55	72	3	8	33	41	22	21	30	33	1,524	1.1	1.5
NkD	NORREST SILTY CLAY LOAM, 6 TO 15 PERCENT SLOPES	36	35	46	2	5	21	26	14	13	19	21	962	0.7	1.0
NuA	NUNN LOAM, 0 TO 2 PERCENT SLOPES	83	80	105	4	12	48	59	33	30	43	48	2,218	1.7	2.2
NuB	NUNN LOAM, 2 TO 6 PERCENT SLOPES	77	74	98	3	11	44	55	30	28	40	44	2,058	1.6	2.1
NuC	NUNN LOAM, 6 TO 12 PERCENT SLOPES	60	58	76	3	9	34	43	24	22	31	34	1,604	1.2	1.6
NvA	NUNN-BECKTON COMPLEX, 0 TO 3 PERCENT SLOPES	63	61	80	3	9	36	45	25	23	33	36	1,684	1.3	1.7
NvC	NUNN-BECKTON COMPLEX, 3 TO 9 PERCENT SLOPES	46	44	58	2	7	26	33	18	17	24	26	1,230	0.9	1.2
NwA	NUNN-URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES	58	56	74	3	8	33	41	23	21	30	33	1,550	1.2	1.6
ObE	ORELLA-BADLAND COMPLEX, 9 TO 45 PERCENT SLOPES	6	6	8	0	1	3	4	2	2	3	3	160	0.1	0.2
OeE	ORELLA-INTERIOR-BADLAND COMPLEX, 0 TO 25 PERCENT SLOPES	14	14	18	1	2	8	10	5	5	7	8	374	0.3	0.4
OtA	OTTUMWA CLAY, 0 TO 2 PERCENT SLOPES	64	62	81	3	9	37	46	25	23	33	37	1,711	1.3	1.7
OtB	OTTUMWA CLAY, 2 TO 6 PERCENT SLOPES	47	45	60	2	7	27	34	18	17	24	27	1,256	0.9	1.3
OvC	OTTUMWA-RAZOR COMPLEX, 6 TO 9 PERCENT SLOPES	45	44	57	2	7	26	32	18	16	23	26	1,203	0.9	1.2
Ow	OWANKA CLAY LOAM	69	67	87	3	10	40	49	27	25	36	40	1,844	1.4	1.9
Ox	OWANKA-BECKTON COMPLEX	52	50	66	2	8	30	37	20	19	27	30	1,390	1.0	1.4
PdF	PENROSE-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	2	2	3	0	0	1	1	1	1	1	1	53	0.0	0.1
PeB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	48	46	61	2	7	28	34	19	18	25	28	1,283	1.0	1.3
PeC	PIERRE CLAY, 6 TO 9 PERCENT SLOPES	40	39	51	2	6	23	29	16	15	21	23	1,069	0.8	1.1
PeD	PIERRE CLAY, 6 TO 15 PERCENT SLOPES	27	26	34	1	4	16	19	11	10	14	16	722	0.5	0.7
PgD	PIERRE-GRUMMIT CLAYS, 6 TO 15 PERCENT SLOPES	25	24	32	1	4	14	18	10	9	13	14	668	0.5	0.7
PhB	PIERRE-HISLE COMPLEX, 0 TO 9 PERCENT SLOPES	27	26	34	1	4	16	19	11	10	14	16	722	0.5	0.7
PkC	PIERRE-URBAN LAND COMPLEX, 6 TO 15 PERCENT SLOPES	19	18	24	1	3	11	14	7	7	10	11	508	0.4	0.5
Ps	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
RaB	RAZOR SILTY CLAY, 2 TO 6 PERCENT SLOPES	55	53	70	2	8	32	39	22	20	29	32	1,470	1.1	1.5
RaC	RAZOR SILTY CLAY, 6 TO 9 PERCENT SLOPES	47	45	60	2	7	27	34	18	17	24	27	1,256	0.9	1.3
RbD	RAZOR-MIDWAY COMPLEX, 6 TO 15 PERCENT SLOPES	29	28	37	1	4	17	21	11	11	15	17	775	0.6	0.8
Rv	RIVERWASH	6	6	8	0	1	3	4	2	2	3	3	160	0.1	0.2
SbF	SAMSIL CLAY, 25 TO 40 PERCENT SLOPES	3	3	4	0	0	2	2	1	1	2	2	80	0.1	0.1
ScE	SAMSIL-PIERRE CLAYS, 15 TO 25 PERCENT SLOPES	11	11	14	0	2	6	8	4	4	6	6	294	0.2	0.3
SdF	SAMSIL-ROCK OUTCROP COMPLEX, 25 TO 75 PERCENT SLOPES	2	2	3	0	0	1	1	1	1	1	1	53	0.0	0.1
SeA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	82	79	104	4	12	47	59	32	30	43	47	2,192	1.7	2.2
SeB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES U	77	74	98	3	11	44	55	30	28	40	44	2,058	1.6	2.1
SeC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	59	57	75	3	9	34	42	23	22	31	34	1,577	1.2	1.6
SfA	SATANTA SANDY LOAM, 0 TO 2 PERCENT SLOPES	82	79	104	4	12	47	59	32	30	43	47	2,192	1.7	2.2
SfB	SATANTA SANDY LOAM, 2 TO 6 PERCENT SLOPES U	77	74	98	3	11	44	55	30	28	40	44	2,058	1.6	2.1
SgA	SATANTA-BECKTON COMPLEX, 0 TO 3 PERCENT SLOPES	61	59	77	3	9	35	44	24	22	32	35	1,630	1.2	1.6
ShA	SATANTA-BECKTON SANDY LOAMS, 0 TO 3 PERCENT SLOPES	61	59	77	3	9	35	44	24	22	32	35	1,630	1.2	1.6
SkA	SATANTA-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	43	42	55	2	6	25	31	17	16	22	25	1,149	0.9	1.2
SkB	SATANTA-URBAN LAND COMPLEX, 2 TO 6 PERCENT SLOPES	41	40	52	2	6	24	29	16	15	21	24	1,096	0.8	1.1
SmA	SAVO SILT LOAM, 0 TO 2 PERCENT SLOPES	85	82	108	4	12	49	61	33	31	44	49	2,272	1.7	2.3

Custer County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SmB	SAVO SILT LOAM, 2 TO 6 PERCENT SLOPES	79	76	100	4	11	45	56	31	29	41	45	2,112	1.6	2.1
SmC	SAVO SILT LOAM, 6 TO 9 PERCENT SLOPES	63	61	80	3	9	36	45	25	23	33	36	1,684	1.3	1.7
SoB	SAVO-URBAN LAND COMPLEX, 0 TO 9 PERCENT SLOPES	52	50	66	2	8	30	37	20	19	27	30	1,390	1.0	1.4
StE	SCHAMBER-SAMSIL COMPLEX, 15 TO 40 PERCENT SLOPES	5	5	6	0	1	3	4	2	2	3	3	134	0.1	0.1
SuE	SHINGLE LOAM, 15 TO 25 PERCENT SLOPES	5	5	6	0	1	3	4	2	2	3	3	134	0.1	0.1
SvF	SHINGLE-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	4	4	5	0	1	2	3	2	1	2	2	107	0.1	0.1
SzB	SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	10	10	13	0	1	6	7	4	4	5	6	267	0.2	0.3
TfA	TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	91	88	115	4	13	52	65	36	33	47	52	2,432	1.8	2.5
VbD	VALENT LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	7	7	9	0	1	4	5	3	3	4	4	187	0.1	0.2
VbwB	VALENT-WORTMAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES	21	20	27	1	3	12	15	8	8	11	12	561	0.4	0.6
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaA	WANBLEE SILT LOAM, 0 TO 4 PERCENT SLOPES	12	12	15	1	2	7	9	5	4	6	7	321	0.2	0.3
WbB	WANBLEE-WORTMAN SILT LOAMS, 0 TO 4 PERCENT SLOPES	22	21	28	1	3	13	16	9	8	11	13	588	0.4	0.6
WeA	WETA SILT LOAM, 0 TO 3 PERCENT SLOPES	15	15	19	1	2	9	11	6	5	8	9	401	0.3	0.4
Wh	WHITELAKE FINE SANDY LOAM	44	43	56	2	6	25	31	17	16	23	25	1,176	0.9	1.2
WkA	WHITEWATER CLAY, 0 TO 3 PERCENT SLOPES	34	33	43	2	5	20	24	13	12	18	20	909	0.7	0.9
WoB	WHITEWATER-ORELLA CLAYS, 3 TO 9 PERCENT SLOPES	18	17	23	1	3	10	13	7	7	9	10	481	0.4	0.5
WwB	WORTMAN SILT LOAM, 0 TO 6 PERCENT SLOPES	30	29	38	1	4	17	21	12	11	16	17	802	0.6	0.8
ZnD	ZIGWEID-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	27	26	34	1	4	16	19	11	10	14	16	722	0.5	0.7

Davison County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		114	146	8	11	36		50	58	81	62		1.9	3.5
	County Average Crop Soil Map Unit Productivity Index =	75.73													
Aa	CHASKA LOAM	38	57	73	4	6	18		25	29	41	31		1.0	1.7
BaA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES	75	113	145	8	11	35		49	58	80	61		1.9	3.4
BeE	BETTS AND ETHAN LOAMS, 21 TO 40 PERCENT SLOPES	8	12	15	1	1	4		5	6	9	7		0.2	0.4
BhD	BETTS-ETHAN LOAMS, 6 TO 21 PERCENT SLOPES	28	42	54	3	4	13		18	22	30	23		0.7	1.3
BlE	BETTS-GAVINS COMPLEX, 15 TO 40 PERCENT SLOPES	13	20	25	1	2	6		9	10	14	11		0.3	0.6
BmA	BLENDON SANDY LOAM, 0 TO 3 PERCENT SLOPES	63	95	122	7	9	30		41	48	68	52		1.6	2.9
BnA	BLENDON-FIRESTEEL COMPLEX, 0 TO 3 PERCENT SLOPES	67	101	129	7	10	32		44	52	72	55		1.7	3.1
BoA	BON LOAM, 0 TO 2 PERCENT SLOPES	91	137	176	10	13	43		60	70	98	75		2.3	4.2
Ca	CLAMO SILTY CLAY LOAM	75	113	145	8	11	35		49	58	80	61		1.9	3.4
Cc	CLAMO SILTY CLAY LOAM, FREQUENTLY FLOODED	57	86	110	6	8	27		38	44	61	47		1.4	2.6
CeB	CLARNO-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES	75	113	145	8	11	35		49	58	80	61		1.9	3.4
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	60	90	116	6	9	28		39	46	64	49		1.5	2.7
ChA	CLARNO-HOUDEK LOAMS, 0 TO 3 PERCENT SLOPES	84	126	162	9	12	39		55	65	90	69		2.1	3.8
ChB	CLARNO-HOUDEK LOAMS, 3 TO 6 PERCENT SLOPES	79	119	152	9	12	37		52	61	85	65		2.0	3.6
DhA	DAVISON-HAND LOAMS, 0 TO 2 PERCENT SLOPES	77	116	149	8	11	36		51	59	83	63		1.9	3.5
DmB	DELMONT LOAM, 3 TO 6 PERCENT SLOPES	40	60	77	4	6	19		26	31	43	33		1.0	1.8
EnA	ENET LOAM, 0 TO 3 PERCENT SLOPES	56	84	108	6	8	26		37	43	60	46		1.4	2.6
EoA	ENET-DELMONT LOAMS, 0 TO 3 PERCENT SLOPES	53	80	102	6	8	25		35	41	57	43		1.3	2.4
EoB	ENET-DELMONT LOAMS, 3 TO 6 PERCENT SLOPES	50	75	96	5	7	24		33	38	54	41		1.3	2.3
EsA	DIMO-STORLA LOAMS, 0 TO 2 PERCENT SLOPES	69	104	133	7	10	32		45	53	74	56		1.7	3.2
EtC2	ETHAN-BETTS LOAMS, 5 TO 9 PERCENT SLOPES, ERODED	54	81	104	6	8	25		36	42	58	44		1.4	2.5
FeA	FEDORA SANDY LOAM, 0 TO 3 PERCENT SLOPES	53	80	102	6	8	25		35	41	57	43		1.3	2.4
FsA	FIRESTEEL SILT LOAM, 0 TO 2 PERCENT SLOPES	74	111	143	8	11	35		49	57	79	61		1.9	3.4
GRAV	PITS, GRAVEL	0	0	0	0	0	0		0	0	0	0		0.0	0.0
HaB	HAND LOAM, 3 TO 6 PERCENT SLOPES	77	116	149	8	11	36		51	59	83	63		1.9	3.5
HdA	HAND-DAVISON LOAMS, 0 TO 3 PERCENT SLOPES	81	122	156	9	12	38		53	62	87	66		2.0	3.7
HkA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	86	129	166	9	13	40		57	66	92	70		2.2	3.9
HpA	HOUDEK, PROSPER, AND STICKNEY LOAMS, 0 TO 1 PERCENT SLO PES	80	120	154	9	12	38		53	62	86	65		2.0	3.7
HsA	HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	79	119	152	9	12	37		52	61	85	65		2.0	3.6
La	LAMO SILT LOAM	66	99	127	7	10	31		43	51	71	54		1.7	3.0
LpA	LAMO AND PROSPER SOILS, 0 TO 3 PERCENT SLOPES	77	116	149	8	11	36		51	59	83	63		1.9	3.5
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
PrA	PROSPER SILT LOAM, 0 TO 3 PERCENT SLOPES	92	138	178	10	13	43		61	71	99	75		2.3	4.2
PrB	PROSPER SILT LOAM, 3 TO 6 PERCENT SLOPES	87	131	168	9	13	41		57	67	93	71		2.2	4.0
ReA	REDSTOE LOAM, 0 TO 3 PERCENT SLOPES	51	77	98	6	7	24		34	39	55	42		1.3	2.3
ReC	REDSTOE LOAM, 3 TO 9 PERCENT SLOPES	40	60	77	4	6	19		26	31	43	33		1.0	1.8
ReD	REDSTOE LOAM, 9 TO 21 PERCENT SLOPES	20	30	39	2	3	9		13	15	21	16		0.5	0.9

Davison County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Sa	SALMO SILT LOAM	36	54	69	4	5	17		24	28	39	29		0.9	1.6
SdA	STICKNEY-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	64	96	123	7	9	30		42	49	69	52		1.6	2.9
SoA	STORLA LOAM, 0 TO 2 PERCENT SLOPES	58	87	112	6	9	27		38	45	62	47		1.5	2.7
StA	ARLO-DURRSTEIN COMPLEX, 0 TO 2 PERCENT SLOPES	38	57	73	4	6	18		25	29	41	31		1.0	1.7
TeA	TETONKA SILT LOAM, 0 TO 2 PERCENT SLOPES	58	87	112	6	9	27		38	45	62	47		1.5	2.7
TsA	TETONKA-STICKNEY COMPLEX, 0 TO 3 PERCENT SLOPES	63	95	122	7	9	30		41	48	68	52		1.6	2.9
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wo	WORTHING SILTY CLAY LOAM	32	48	62	3	5	15		21	25	34	26		0.8	1.5
Wp	WORTHING SILTY CLAY LOAM, PONDED	8	12	15	1	1	4		5	6	9	7		0.2	0.4

Day County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		125	173	9	15	33		51	46	72	69		1.5	2.9
	County Average Crop Soil Map Unit Productivity Index =	65.22													
Aa	AASTAD LOAM	92	177	244	12	21	46		71	64	102	98		2.1	4.0
An	ABERDEEN-NAHON SILTY CLAY LOAMS	58	111	154	8	13	29		45	40	64	62		1.3	2.5
Aq	AQUENTS, SALINE	2	4	5	0	0	1		2	1	2	2		0.0	0.1
ArB	ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	23	44	61	3	5	12		18	16	25	24		0.5	1.0
Ba	BEARDEN SILT LOAM	80	154	212	11	18	40		62	56	89	85		1.9	3.5
BaB	BEARDEN-HUFFTON SILT LOAMS, 1 TO 6 PERCENT SLOPES	73	140	193	10	17	37		57	51	81	78		1.7	3.2
BbA	BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	98	188	259	13	22	49		76	68	109	104		2.3	4.3
Bc	BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	92	177	244	12	21	46		71	64	102	98		2.1	4.0
BnD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	34	65	90	5	8	17		26	24	38	36		0.8	1.5
BoE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	6	12	16	1	1	3		5	4	7	6		0.1	0.3
BpE	BUSE-BARNES-PARNELL COMPLEX, 0 TO 25 PERCENT SLOPES, STONY	9	17	24	1	2	5		7	6	10	10		0.2	0.4
BrE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	18	35	48	2	4	9		14	13	20	19		0.4	0.8
BsE	BUSE-LA PRAIRIE, CHANNELED-BARNES LOAMS, 0 TO 40 PERCENT SLOPES	22	42	58	3	5	11		17	15	24	23		0.5	1.0
BxE	BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES	11	21	29	1	2	6		9	8	12	12		0.3	0.5
Ca	CAVOUR-FERNEY LOAMS	30	58	79	4	7	15		23	21	33	32		0.7	1.3
Cn	COLVIN SILTY CLAY LOAM	55	106	146	7	12	28		43	38	61	58		1.3	2.4
Cr	CRESBARD-CAVOUR LOAMS	53	102	140	7	12	27		41	37	59	56		1.2	2.3
Cu	CUBDEN SILTY CLAY LOAM	80	154	212	11	18	40		62	56	89	85		1.9	3.5
Cw	CUBDEN-BADGER SILTY CLAY LOAMS	81	156	214	11	18	41		63	57	90	86		1.9	3.6
Cx	CUBDEN-TONKA COMPLEX	75	144	199	10	17	38		58	52	83	80		1.7	3.3
Dd	DIVIDE LOAM	55	106	146	7	12	28		43	38	61	58		1.3	2.4
Do	DOVRAY SILTY CLAY	34	65	90	5	8	17		26	24	38	36		0.8	1.5
EaA	ECKMAN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	88	169	233	12	20	44		68	61	98	94		2.0	3.9
EbB	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	85	163	225	11	19	43		66	59	94	90		2.0	3.7
EcB	ECKMAN-ZELL VERY FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	79	152	209	11	18	40		61	55	88	84		1.8	3.5
EdC	EDGELEY LOAM, 4 TO 9 PERCENT SLOPES	70	134	185	9	16	35		54	49	78	74		1.6	3.1
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	56	108	148	8	13	28		43	39	62	60		1.3	2.5
En	EXLINE-ABERDEEN-NAHON SILT LOAMS	42	81	111	6	10	21		33	29	47	45		1.0	1.8
Ep	EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	47	90	124	6	11	24		36	33	52	50		1.1	2.1
Fd	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	58	111	154	8	13	29		45	40	64	62		1.3	2.5
FmA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	86	165	228	12	19	43		67	60	95	91		2.0	3.8
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	84	161	222	11	19	42		65	59	93	89		1.9	3.7
FnB	FORMAN-AASTAD-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	73	140	193	10	17	37		57	51	81	78		1.7	3.2
FoB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	79	152	209	11	18	40		61	55	88	84		1.8	3.5
FoC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	65	125	172	9	15	33		50	45	72	69		1.5	2.9
FpB	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 6 PERCENT SLOPES	66	127	175	9	15	33		51	46	73	70		1.5	2.9
FpC	FORMAN-BUSE-PARNELL COMPLEX, 0 TO 9 PERCENT SLOPES	54	104	143	7	12	27		42	38	60	57		1.2	2.4

Day County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Gb	GREAT BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	93	179	246	13	21	47		72	65	103	99		2.2	4.1
Gp	GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	171	236	12	20	45		69	62	99	95		2.1	3.9
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	66	127	175	9	15	33		51	46	73	70		1.5	2.9
HaA	HAMERLY LOAM, 0 TO 2 PERCENT SLOPES	73	140	193	10	17	37		57	51	81	78		1.7	3.2
HaB	HAMERLY LOAM, 2 TO 6 PERCENT SLOPES	65	125	172	9	15	33		50	45	72	69		1.5	2.9
Hb	HAMERLY-PARNELL COMPLEX	57	109	151	8	13	29		44	40	63	61		1.3	2.5
Hd	HARMONY-ABERDEEN SILTY CLAY LOAMS	78	150	207	11	18	39		60	54	86	83		1.8	3.4
Hm	HARMONY-BEOTIA SILT LOAMS	92	177	244	12	21	46		71	64	102	98		2.1	4.0
Hr	HARRIET LOAM	9	17	24	1	2	5		7	6	10	10		0.2	0.4
HtA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	171	236	12	20	45		69	62	99	95		2.1	3.9
HuB	HETLAND-RUSKLYN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	75	144	199	10	17	38		58	52	83	80		1.7	3.3
KbE	KLOTEN-BUSE COMPLEX, 9 TO 40 PERCENT SLOPES	8	15	21	1	2	4		6	6	9	9		0.2	0.4
KcA	KRANZBURG-CRESBARD SILT LOAMS, 0 TO 2 PERCENT SLOPES	82	158	217	11	19	41		64	57	91	87		1.9	3.6
KrB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	85	163	225	11	19	43		66	59	94	90		2.0	3.7
Ks	KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	177	244	12	21	46		71	64	102	98		2.1	4.0
KtB	KRANZBURG-FORMAN COMPLEX, 2 TO 6 PERCENT SLOPES	83	159	220	11	19	42		64	58	92	88		1.9	3.6
KwB	KRANZBURG-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	83	159	220	11	19	42		64	58	92	88		1.9	3.6
La	LA PRAIRIE LOAM	91	175	241	12	21	46		71	63	101	97		2.1	4.0
Lh	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	31	60	82	4	7	16		24	22	34	33		0.7	1.4
Lm	LAMOURE SILTY CLAY LOAM	68	131	180	9	15	34		53	47	75	72		1.6	3.0
Lo	LOWE LOAM	62	119	164	8	14	31		48	43	69	66		1.4	2.7
Lu	LUDDEN SILTY CLAY	56	108	148	8	13	28		43	39	62	60		1.3	2.5
Lw	LUDDEN SILTY CLAY, PONDED	6	12	16	1	1	3		5	4	7	6		0.1	0.3
Lx	LUDDEN-LUDDEN, SALINE SILTY CLAYS	45	86	119	6	10	23		35	31	50	48		1.0	2.0
MaA	MADDOCK-EGELAND SANDY LOAMS, 0 TO 2 PERCENT SLOPES	46	88	122	6	10	23		36	32	51	49		1.1	2.0
MaB	MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	41	79	109	6	9	21		32	29	45	44		0.9	1.8
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 12 PERCENT SLOPES	25	48	66	3	6	13		19	17	28	27		0.6	1.1
Md	MARYSLAND-DIVIDE LOAMS	51	98	135	7	12	26		40	36	57	54		1.2	2.2
MfB	MAUVAIS CLAY LOAM, 2 TO 6 PERCENT SLOPES	39	75	103	5	9	20		30	27	43	41		0.9	1.7
MgB	MAUVAIS CLAY LOAM, 2 TO 6 PERCENT SLOPES, STONY	5	10	13	1	1	3		4	3	6	5		0.1	0.2
MnA	MINNEWASTA SANDY LOAM, 0 TO 2 PERCENT SLOPES	38	73	101	5	9	19		29	27	42	40		0.9	1.7
MoB	MINNEWASTA SANDY LOAM, 2 TO 6 PERCENT SLOPES, STONY	3	6	8	0	1	2		2	2	3	3		0.1	0.1
Mw	MINNEWAUKAN LOAMY SAND	40	77	106	5	9	20		31	28	44	43		0.9	1.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS	45	86	119	6	10	23		35	31	50	48		1.0	2.0
NsB	NUTLEY-SINAI SILTY CLAYS, 2 TO 6 PERCENT SLOPES	66	127	175	9	15	33		51	46	73	70		1.5	2.9
Oh	OLDHAM SILTY CLAY LOAM	30	58	79	4	7	15		23	21	33	32		0.7	1.3
Or	ORTHENTS, GRAVELLY	4	8	11	1	1	2		3	3	4	4		0.1	0.2
Pa	PARNELL SILTY CLAY LOAM	34	65	90	5	8	17		26	24	38	36		0.8	1.5
Pc	PLAYMOOR SILTY CLAY LOAM	32	61	85	4	7	16		25	22	35	34		0.7	1.4

Day County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Pm	PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	29	56	77	4	7	15		22	20	32	31		0.7	1.3
PnB	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	81	156	214	11	18	41		63	57	90	86		1.9	3.6
PrC	POINSETT-RUSKLYN SILTY CLAY LOAMS, 6 TO 9 PERCENT SLOPES	68	131	180	9	15	34		53	47	75	72		1.6	3.0
PsB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	79	152	209	11	18	40		61	55	88	84		1.8	3.5
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	179	246	13	21	47		72	65	103	99		2.2	4.1
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	88	169	233	12	20	44		68	61	98	94		2.0	3.9
Ra	RANSLO-HARRIET LOAMS	20	38	53	3	5	10		16	14	22	21		0.5	0.9
Rb	RAUVILLE SILTY CLAY LOAM	28	54	74	4	6	14		22	20	31	30		0.6	1.2
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	47	90	124	6	11	24		36	33	52	50		1.1	2.1
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	42	81	111	6	10	21		33	29	47	45		1.0	1.8
RsA	RENSHAW-SIOUX LOAMS, 0 TO 2 PERCENT SLOPES	35	67	93	5	8	18		27	24	39	37		0.8	1.5
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 9 PERCENT SLOPES	29	56	77	4	7	15		22	20	32	31		0.7	1.3
Ru	RYAN-LUDDEN COMPLEX	30	58	79	4	7	15		23	21	33	32		0.7	1.3
SaA	SINAI-NUTLEY SILTY CLAYS, 0 TO 2 PERCENT SLOPES	77	148	204	10	17	39		60	54	85	82		1.8	3.4
SbB	SIOUX GRAVELLY LOAMY SAND, 2 TO 6 PERCENT SLOPES	18	35	48	2	4	9		14	13	20	19		0.4	0.8
SoB	SIOUX GRAVELLY LOAMY SAND, 2 TO 6 PERCENT SLOPES, VERY STONY	6	12	16	1	1	3		5	4	7	6		0.1	0.3
SrD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	18	35	48	2	4	9		14	13	20	19		0.4	0.8
SrE	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	9	17	24	1	2	5		7	6	10	10		0.2	0.4
SsE	SIOUX-RENSHAW COMPLEX, 9 TO 40 PERCENT SLOPES, VERY STONY	6	12	16	1	1	3		5	4	7	6		0.1	0.3
Sw	SOUTHAM SILTY CLAY LOAM	10	19	26	1	2	5		8	7	11	11		0.2	0.4
To	TONKA SILT LOAM	60	115	159	8	14	30		47	42	67	64		1.4	2.6
Va	VALLERS LOAM, SALINE	30	58	79	4	7	15		23	21	33	32		0.7	1.3
Vh	VALLERS-HAMERLY LOAMS	57	109	151	8	13	29		44	40	63	61		1.3	2.5
VoA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	89	171	236	12	20	45		69	62	99	95		2.1	3.9
VoB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	84	161	222	11	19	42		65	59	93	89		1.9	3.7
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0

Deuel County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		141	167	13	14	37		55	63	91	58		1.8	3.6
	County Average Crop Soil Map Unit Productivity Index =	74.3													
ArA	ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	24	46	54	4	5	12		18	20	29	19		0.6	1.2
ArB	ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	21	40	47	4	4	10		16	18	26	16		0.5	1.0
ArC	ARVILLA SANDY LOAM, 6 TO 9 PERCENT SLOPES	14	27	31	2	3	7		10	12	17	11		0.3	0.7
AvD	ARVILLA-SIOUX COMPLEX, 6 TO 15 PERCENT SLOPES	10	19	22	2	2	5		7	8	12	8		0.2	0.5
BaB	BARNES CLAY LOAM, 2 TO 6 PERCENT SLOPES	83	157	186	14	16	41		61	70	102	65		2.0	4.1
BcB	BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	75	142	168	13	14	37		55	63	92	59		1.8	3.7
BcC	BARNES-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	63	120	141	11	12	31		47	53	77	49		1.5	3.1
BcE	BARNES-BUSE LOAMS, 15 TO 25 PERCENT SLOPES	22	42	49	4	4	11		16	19	27	17		0.5	1.1
BeE	BARNES-BUSE-SOUTHAM COMPLEX, 0 TO 25 PERCENT SLOPES	24	46	54	4	5	12		18	20	29	19		0.6	1.2
BgB	BARNES-BUSE-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	77	146	173	13	15	38		57	65	94	60		1.8	3.8
BgD	BARNES-BUSE-SVEA LOAMS, 2 TO 15 PERCENT SLOPES	53	101	119	9	10	26		39	45	65	41		1.3	2.6
BkA	BARNES-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	86	163	193	15	16	43		63	72	105	67		2.0	4.2
BkB	BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	83	157	186	14	16	41		61	70	102	65		2.0	4.1
BmC	BARNES-SVEA-BUSE LOAMS, 2 TO 9 PERCENT SLOPES	64	121	144	11	12	32		47	54	78	50		1.5	3.1
BnD	BARNES-SVEA-BUSE LOAMS, 2 TO 12 PERCENT SLOPES, STONY	24	46	54	4	5	12		18	20	29	19		0.6	1.2
Bp	BRANDT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	87	165	195	15	16	43		64	73	107	68		2.1	4.3
Br	BROOKINGS SILTY CLAY LOAM	97	184	218	17	18	48		72	82	119	76		2.3	4.7
BtE	BUSE LOAM, 20 TO 40 PERCENT SLOPES	8	15	18	1	2	4		6	7	10	6		0.2	0.4
BvE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	6	11	13	1	1	3		4	5	7	5		0.1	0.3
BxE	BUSE-LAMOURE, CHANNELED, COMPLEX, 0 TO 40 PERCENT SLOPES	17	32	38	3	3	8		13	14	21	13		0.4	0.8
Ca	CASTLEWOOD SILTY CLAY	61	116	137	11	12	30		45	51	75	48		1.4	3.0
Cu	CUBDEN SILTY CLAY LOAM	81	154	182	14	15	40		60	68	99	63		1.9	4.0
DcA	DARNEN LOAM, 0 TO 2 PERCENT SLOPES	90	171	202	16	17	45		66	76	110	70		2.1	4.4
DcB	DARNEN LOAM, 2 TO 6 PERCENT SLOPES	85	161	191	15	16	42		63	72	104	66		2.0	4.2
Dv	DIVIDE LOAM	55	104	124	10	10	27		41	46	67	43		1.3	2.7
EcB	ECKMAN LOAM, 2 TO 6 PERCENT SLOPES	80	152	180	14	15	40		59	67	98	62		1.9	3.9
EgA	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	60	114	135	10	11	30		44	50	73	47		1.4	2.9
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	56	106	126	10	11	28		41	47	69	44		1.3	2.7
EsA	ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	64	121	144	11	12	32		47	54	78	50		1.5	3.1
EsB	ESTELLINE SILT LOAM, 2 TO 6 PERCENT SLOPES	59	112	133	10	11	29		44	50	72	46		1.4	2.9
FeA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	59	112	133	10	11	29		44	50	72	46		1.4	2.9
FeB	FORDVILLE LOAM, 2 TO 6 PERCENT SLOPES	54	102	121	9	10	27		40	45	66	42		1.3	2.6
FgB	FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	48	91	108	8	9	24		35	40	59	37		1.1	2.3
FmA	FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	84	159	189	15	16	42		62	71	103	66		2.0	4.1
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	80	152	180	14	15	40		59	67	98	62		1.9	3.9
FtC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	64	121	144	11	12	32		47	54	78	50		1.5	3.1
FtD	FORMAN-BUSE-AASTAD LOAMS, 2 TO 15 PERCENT SLOPES	52	99	117	9	10	26		38	44	64	41		1.2	2.5

Deuel County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Fx	FOSSUM SANDY LOAM	29	55	65	5	5	14		21	24	36	23		0.7	1.4
Fy	FULDA SILTY CLAY LOAM	80	152	180	14	15	40		59	67	98	62		1.9	3.9
Hm	HAMERLY-BADGER COMPLEX	79	150	177	14	15	39		58	66	97	62		1.9	3.9
Hn	HAMERLY-TONKA COMPLEX, 0 TO 2 PERCENT SLOPES	66	125	148	12	12	33		49	56	81	52		1.6	3.2
HtA	HEGNE-FULDA SILTY CLAY LOAMS	80	152	180	14	15	40		59	67	98	62		1.9	3.9
KrA	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	176	209	16	18	46		69	78	114	73		2.2	4.5
KrB	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	90	171	202	16	17	45		66	76	110	70		2.1	4.4
KrC	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 2 TO 9 PERCENT SLOPES	80	152	180	14	15	40		59	67	98	62		1.9	3.9
La	LA PRAIRIE LOAM	86	163	193	15	16	43		63	72	105	67		2.0	4.2
Ld	LADELLE SILT LOAM	87	165	195	15	16	43		64	73	107	68		2.1	4.3
Lm	LAMOURE SILTY CLAY LOAM	70	133	157	12	13	35		52	59	86	55		1.7	3.4
Lp	LAMOURE-LA PRAIRIE COMPLEX, CHANNELED	32	61	72	6	6	16		24	27	39	25		0.8	1.6
Lr	LAMOURE-RAUVILLE SILTY CLAY LOAMS, CHANNELED	32	61	72	6	6	16		24	27	39	25		0.8	1.6
Lw	LOWE LOAM	58	110	130	10	11	29		43	49	71	45		1.4	2.8
MdE	MADDOCK LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	5	9	11	1	1	2		4	4	6	4		0.1	0.2
Mg	MARYSLAND LOAM	46	87	103	8	9	23		34	39	56	36		1.1	2.2
Mk	MCINTOSH-BADGER SILTY CLAY LOAMS	82	156	184	14	16	41		61	69	100	64		1.9	4.0
Mn	MCINTOSH-LAMOURE SILTY CLAY LOAMS	79	150	177	14	15	39		58	66	97	62		1.9	3.9
Mr	MORITZ-LAMOURE COMPLEX	75	142	168	13	14	37		55	63	92	59		1.8	3.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
NsC	NUTLEY-SINAI SILTY CLAYS, 6 TO 12 PERCENT SLOPES	52	99	117	9	10	26		38	44	64	41		1.2	2.5
Od	OLDHAM SILTY CLAY LOAM	29	55	65	5	5	14		21	24	36	23		0.7	1.4
Ok	ORTHENTS, GRAVELLY	3	6	7	1	1	1		2	3	4	2		0.1	0.1
Or	ORTHENTS, LOAMY	5	9	11	1	1	2		4	4	6	4		0.1	0.2
Pa	PARNELL SILTY CLAY LOAM	30	57	67	5	6	15		22	25	37	23		0.7	1.5
Pc	PARNELL-VALLERS COMPLEX	40	76	90	7	8	20		30	34	49	31		0.9	2.0
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	75	142	168	13	14	37		55	63	92	59		1.8	3.7
PeB	PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	67	127	150	12	13	33		49	56	82	52		1.6	3.3
Pg	PEEVER-CAVOUR CLAY LOAMS	64	121	144	11	12	32		47	54	78	50		1.5	3.1
Pm	PLAYMOOR SILTY CLAY LOAM	31	59	70	5	6	15		23	26	38	24		0.7	1.5
PoC	POINSETT SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	77	146	173	13	15	38		57	65	94	60		1.8	3.8
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	178	211	16	18	46		69	79	115	73		2.2	4.6
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	90	171	202	16	17	45		66	76	110	70		2.1	4.4
Rc	RAUVILLE SILTY CLAY LOAM	26	49	58	5	5	13		19	22	32	20		0.6	1.3
ReA	RENSHAW LOAM, 0 TO 2 PERCENT SLOPES	41	78	92	7	8	20		30	34	50	32		1.0	2.0
ReB	RENSHAW LOAM, 2 TO 6 PERCENT SLOPES	38	72	85	7	7	19		28	32	47	30		0.9	1.9
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	33	63	74	6	6	16		24	28	40	26		0.8	1.6
RtA	RENTILL LOAM	47	89	106	8	9	23		35	40	58	37		1.1	2.3
SbA	SINAI SILTY CLAY, 0 TO 2 PERCENT SLOPES	80	152	180	14	15	40		59	67	98	62		1.9	3.9
SbB	SINAI SILTY CLAY, 2 TO 6 PERCENT SLOPES	71	135	159	12	13	35		52	60	87	55		1.7	3.5

Deuel County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
ShA	SINGSAAS-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	92	175	207	16	17	46		68	77	113	72		2.2	4.5
ShB	SINGSAAS-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	87	165	195	15	16	43		64	73	107	68		2.1	4.3
SkF	SIOUX-ARVILLA COMPLEX, 15 TO 40 PERCENT SLOPES	4	8	9	1	1	2		3	3	5	3		0.1	0.2
SnD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	17	32	38	3	3	8		13	14	21	13		0.4	0.8
So	SOUTHAM SILTY CLAY LOAM	6	11	13	1	1	3		4	5	7	5		0.1	0.3
SwA	SWENODA SANDY LOAM, 0 TO 2 PERCENT SLOPES	69	131	155	12	13	34		51	58	84	54		1.6	3.4
SwB	SWENODA SANDY LOAM, 2 TO 6 PERCENT SLOPES	64	121	144	11	12	32		47	54	78	50		1.5	3.1
Vc	VALLERS LOAM	49	93	110	9	9	24		36	41	60	38		1.2	2.4
VrA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	91	173	204	16	17	45		67	77	111	71		2.2	4.4
VtB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	86	163	193	15	16	43		63	72	105	67		2.0	4.2
VwC	VIENNA-BUSE COMPLEX, 6 TO 9 PERCENT SLOPES	64	121	144	11	12	32		47	54	78	50		1.5	3.1
VzA	VIENNA-FORESTVILLE LOAMS, 0 TO 2 PERCENT SLOPES	88	167	198	15	17	44		65	74	108	69		2.1	4.3
VzB	VIENNA-BARNES-FORESTVILLE COMPLEX, 1 TO 6 PERCENT SLOPES	81	154	182	14	15	40		60	68	99	63		1.9	4.0
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
ZrC	ZELL-ECKMAN COMPLEX, 6 TO 12 PERCENT SLOPES	52	99	117	9	10	26		38	44	64	41		1.2	2.5

Dewey County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		68	132	5	12	22	38	31	37	52	39	1,686	1.2	1.7
	County Average Crop Soil Map Unit Productivity Index =	55.44													
AbA	RHOADES SILT LOAM, 0 TO 2 PERCENT SLOPES	11	13	26	1	2	4	8	6	7	10	8	335	0.2	0.3
AcA	RHOADES-SLICKSPOTS COMPLEX, 0 TO 2 PERCENT SLOPES	7	9	17	1	2	3	5	4	5	7	5	213	0.2	0.2
AgB	AGAR SILT LOAM, 2 TO 6 PERCENT SLOPES	86	105	204	8	19	35	59	48	57	80	61	2,615	1.9	2.6
ArB	PARCHIN-BULLOCK-SLICKSPOTS COMPLEX, 2 TO 9 PERCENT SLOPES	11	13	26	1	2	4	8	6	7	10	8	335	0.2	0.3
AsA	CAPA-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	6	7	14	1	1	2	4	3	4	6	4	182	0.1	0.2
BdA	BELFIELD-DAGLUM SILT LOAMS, 0 TO 2 PERCENT SLOPES	63	77	150	6	14	25	43	35	42	59	44	1,916	1.4	1.9
BrA	BELFIELD-REEDER LOAMS, 0 TO 2 PERCENT SLOPES	71	87	169	6	15	29	49	39	47	66	50	2,159	1.6	2.2
BrB	BELFIELD-REEDER LOAMS, 2 TO 6 PERCENT SLOPES	69	84	164	6	15	28	47	38	46	65	49	2,098	1.5	2.1
BrC	BELFIELD-REEDER LOAMS, 6 TO 9 PERCENT SLOPES	58	71	138	5	13	23	40	32	38	54	41	1,764	1.3	1.8
CbE	CABBA-LANTRY SILT LOAMS, 15 TO 25 PERCENT SLOPES	15	18	36	1	3	6	10	8	10	14	11	456	0.3	0.5
CbF	CABBA-LANTRY SILT LOAMS, 25 TO 40 PERCENT SLOPES	9	11	21	1	2	4	6	5	6	8	6	274	0.2	0.3
CdA	CANNING LOAM, 0 TO 2 PERCENT SLOPES	52	63	124	5	11	21	36	29	34	49	37	1,581	1.2	1.6
ChB	CHANTIER CLAY, 2 TO 9 PERCENT SLOPES	5	6	12	0	1	2	3	3	3	5	4	152	0.1	0.2
CsC	CHANTIER-SHALE LAND COMPLEX, 3 TO 15 PERCENT SLOPES	5	6	12	0	1	2	3	3	3	5	4	152	0.1	0.2
DaA	DAGLUM SILT LOAM, 0 TO 2 PERCENT SLOPES	36	44	86	3	8	15	25	20	24	34	25	1,095	0.8	1.1
DoB	DUPREE-OPAL CLAYS, 2 TO 9 PERCENT SLOPES	27	33	64	2	6	11	19	15	18	25	19	821	0.6	0.8
DsE	DUPREE-SANSARC CLAYS, 9 TO 25 PERCENT SLOPES	5	6	12	0	1	2	3	3	3	5	4	152	0.1	0.2
EkA	EKALAKA FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	28	34	67	2	6	11	19	16	19	26	20	852	0.6	0.9
EkC	EKALAKA FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	21	26	50	2	5	8	14	12	14	20	15	639	0.5	0.6
FaA	FARLAND SILT LOAM, 0 TO 2 PERCENT SLOPES	92	112	219	8	20	37	63	51	61	86	65	2,798	2.1	2.8
FaB	FARLAND SILT LOAM, 2 TO 6 PERCENT SLOPES	84	103	200	7	18	34	58	47	56	79	59	2,555	1.9	2.6
FbF	FLASHER LOAMY FINE SAND, 25 TO 40 PERCENT SLOPES	4	5	10	0	1	2	3	2	3	4	3	122	0.1	0.1
FvD	FLASHER-VEBAR COMPLEX, 6 TO 15 PERCENT SLOPES	22	27	52	2	5	9	15	12	15	21	16	669	0.5	0.7
FvE	FLASHER-VEBAR COMPLEX, 15 TO 25 PERCENT SLOPES	10	12	24	1	2	4	7	6	7	9	7	304	0.2	0.3
Gb	GLENROSS FINE SANDY LOAM	30	37	71	3	7	12	21	17	20	28	21	912	0.7	0.9
Gp	PITS, GRAVEL	1	1	2	0	0	0	1	1	1	1	1	30	0.0	0.0
Gr	GLENROSS-REGAN FINE SANDY LOAMS	30	37	71	3	7	12	21	17	20	28	21	912	0.7	0.9
Hc	HEIL SOILS	12	15	29	1	3	5	8	7	8	11	8	365	0.3	0.4
HsB	HURLEY-SLICKSPOTS COMPLEX, 2 TO 9 PERCENT SLOPES	13	16	31	1	3	5	9	7	9	12	9	395	0.3	0.4
In	INTERMITTENT LAKES	2	2	5	0	0	1	1	1	1	2	1	61	0.0	0.1
LmD	LANTRY-MORTON SILT LOAMS, 6 TO 15 PERCENT SLOPES	50	61	119	4	11	20	34	28	33	47	35	1,521	1.1	1.5
Lo	LOHLER SILTY CLAY	77	94	183	7	17	31	53	43	51	72	54	2,342	1.7	2.4
Lp	LOHLER AND HAVRELON SOILS	65	79	154	6	14	26	45	36	43	61	46	1,977	1.5	2.0
LwA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	90	110	214	8	20	36	62	50	60	84	64	2,737	2.0	2.8
LwB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	82	100	195	7	18	33	56	45	54	77	58	2,494	1.8	2.5
Ma	MINE PITS AND DUMPS	1	1	2	0	0	0	1	1	1	1	1	30	0.0	0.0
MbD	MOREAU-WAYDEN SILTY CLAYS, 9 TO 25 PERCENT SLOPES	23	28	55	2	5	9	16	13	15	22	16	699	0.5	0.7

Dewey County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
McB	MORTON SILT LOAM, 2 TO 6 PERCENT SLOPES	80	98	190	7	17	32	55	44	53	75	56	2,433	1.8	2.5
MdA	MORTON-BELFIELD COMPLEX, 0 TO 2 PERCENT SLOPES	79	96	188	7	17	32	54	44	52	74	56	2,402	1.8	2.4
MdB	MORTON-BELFIELD COMPLEX, 2 TO 6 PERCENT SLOPES	76	93	181	7	17	31	52	42	50	71	54	2,311	1.7	2.3
MfA	MORTON-FARLAND SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	112	219	8	20	37	63	51	61	86	65	2,798	2.1	2.8
MgB	MORTON-LANTRY SILT LOAMS, 2 TO 9 PERCENT SLOPES	64	78	152	6	14	26	44	35	42	60	45	1,946	1.4	2.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Na	LOHLER, CHANNELED-RHOADES COMPLEX	34	41	81	3	7	14	23	19	23	32	24	1,034	0.8	1.0
OaB	OPAL CLAY, 2 TO 9 PERCENT SLOPES	47	57	112	4	10	19	32	26	31	44	33	1,429	1.1	1.4
OhB	OPAL-HURLEY COMPLEX, 0 TO 9 PERCENT SLOPES	36	44	86	3	8	15	25	20	24	34	25	1,095	0.8	1.1
OpA	OPAL-PROMISE CLAYS, 1 TO 4 PERCENT SLOPES	62	76	147	5	13	25	43	34	41	58	44	1,885	1.4	1.9
OsC	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	31	38	74	3	7	13	21	17	21	29	22	943	0.7	1.0
OtB	OPAL-SLICKSPOTS COMPLEX, 2 TO 6 PERCENT SLOPES	32	39	76	3	7	13	22	18	21	30	23	973	0.7	1.0
Pa	PARSHALL FINE SANDY LOAM	63	77	150	6	14	25	43	35	42	59	44	1,916	1.4	1.9
Pe	PARSHALL-EKALAKA FINE SANDY LOAMS	54	66	128	5	12	22	37	30	36	51	38	1,642	1.2	1.7
PrA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	71	87	169	6	15	29	49	39	47	66	50	2,159	1.6	2.2
PrB	PROMISE CLAY, 2 TO 6 PERCENT SLOPES	68	83	162	6	15	27	47	38	45	64	48	2,068	1.5	2.1
PsA	PROMISE-SLICKSPOTS COMPLEX, 0 TO 2 PERCENT SLOPES	54	66	128	5	12	22	37	30	36	51	38	1,642	1.2	1.7
Pw	PROMISE-WENDTE CLAYS, CHANNELED	32	39	76	3	7	13	22	18	21	30	23	973	0.7	1.0
RaA	REEDER LOAM, 0 TO 2 PERCENT SLOPES	83	101	197	7	18	33	57	46	55	78	59	2,524	1.9	2.6
RaB	REEDER LOAM, 2 TO 6 PERCENT SLOPES	79	96	188	7	17	32	54	44	52	74	56	2,402	1.8	2.4
RaC	REEDER LOAM, 6 TO 9 PERCENT SLOPES	62	76	147	5	13	25	43	34	41	58	44	1,885	1.4	1.9
RbC	REGENT SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	50	61	119	4	11	20	34	28	33	47	35	1,521	1.1	1.5
RmB	REGENT-MOREAU COMPLEX, 2 TO 9 PERCENT SLOPES	48	59	114	4	10	19	33	27	32	45	34	1,460	1.1	1.5
RpA	REGENT-RIDGEVIEW SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	67	82	159	6	15	27	46	37	44	63	47	2,038	1.5	2.1
RpB	REGENT-RIDGEVIEW SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	60	73	143	5	13	24	41	33	40	56	42	1,825	1.3	1.8
RsA	RELIANCE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	109	211	8	19	36	61	49	59	83	63	2,707	2.0	2.7
RsB	RELIANCE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	84	103	200	7	18	34	58	47	56	79	59	2,555	1.9	2.6
RtB	RHOADES-DAGLUM COMPLEX, 2 TO 6 PERCENT SLOPES	19	23	45	2	4	8	13	11	13	18	13	578	0.4	0.6
RvA	RIDGEVIEW SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	65	79	154	6	14	26	45	36	43	61	46	1,977	1.5	2.0
SaE	SANSARC-DUPREE CLAYS, 9 TO 45 PERCENT SLOPES	3	4	7	0	1	1	2	2	2	3	2	91	0.1	0.1
SbC	SANSARC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES	25	31	59	2	5	10	17	14	17	23	18	760	0.6	0.8
SbE	SANSARC-OPAL CLAYS, 15 TO 25 PERCENT SLOPES	10	12	24	1	2	4	7	6	7	9	7	304	0.2	0.3
ScF	SANSARC-SHALE LAND COMPLEX, 15 TO 45 PERCENT SLOPES	2	2	5	0	0	1	1	1	1	2	1	61	0.0	0.1
SdC	SCHAMBER GRAVELLY SANDY LOAM, 3 TO 15 PERCENT SLOPES	12	15	29	1	3	5	8	7	8	11	8	365	0.3	0.4
SfF	SCHAMBER-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	9	11	21	1	2	4	6	5	6	8	6	274	0.2	0.3
Sh	SHALE LAND	1	1	2	0	0	0	1	1	1	1	1	30	0.0	0.0
Sm	SHAMBO LOAM	85	104	202	8	18	34	58	47	56	79	60	2,585	1.9	2.6
Sw	BULLCREEK CLAY	9	11	21	1	2	4	6	5	6	8	6	274	0.2	0.3
Sy	BULLCREEK-SLICKSPOTS COMPLEX	10	12	24	1	2	4	7	6	7	9	7	304	0.2	0.3
Ta	TALLY FINE SANDY LOAM	60	73	143	5	13	24	41	33	40	56	42	1,825	1.3	1.8

Dewey County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Th	TREMBLES-HAVRELON COMPLEX	56	68	133	5	12	23	39	31	37	52	40	1,703	1.3	1.7
Tr	TREMBLES AND BANKS SOILS	38	46	90	3	8	15	26	21	25	36	27	1,156	0.9	1.2
VeB	VEBAR FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	53	65	126	5	12	21	36	29	35	50	37	1,612	1.2	1.6
VfB	VEBAR-FLASHER COMPLEX, 2 TO 9 PERCENT SLOPES	34	41	81	3	7	14	23	19	23	32	24	1,034	0.8	1.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaF	WAYDEN-MOREAU SILTY CLAYS, 25 TO 40 PERCENT SLOPES	9	11	21	1	2	4	6	5	6	8	6	274	0.2	0.3

Douglas County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		120	164	10	12	38	87	43	64	69	59	1,906	2.0	3.2
	County Average Crop Soil Map Unit Productivity Index =	76.21													
Ar	ARLO LOAM	48	75	103	6	7	24	55	27	40	44	37	1,201	1.3	2.0
Ax	ARLO LOAM, WET	25	39	54	3	4	12	29	14	21	23	19	625	0.7	1.0
BaB	BEADLE CLAY LOAM, 2 TO 6 PERCENT SLOPES	70	110	151	9	11	35	80	40	59	64	54	1,751	1.8	2.9
BeE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	18	28	39	2	3	9	21	10	15	16	14	450	0.5	0.8
Bn	BON LOAM	87	136	187	11	13	43	100	49	73	79	67	2,176	2.3	3.6
Bo	BON LOAM, CHANNELED	37	58	80	5	6	18	42	21	31	34	29	925	1.0	1.5
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	63	99	136	8	10	31	72	36	53	57	49	1,576	1.7	2.6
CnA	CLARNO-ETHAN-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	80	126	172	10	12	40	92	45	67	73	62	2,001	2.1	3.3
CnB	CLARNO-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	76	119	164	10	12	38	87	43	64	69	59	1,901	2.0	3.2
CpA	CLARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	85	133	183	11	13	42	98	48	72	77	66	2,126	2.2	3.6
CsA	CLARNO-STICKNEY-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	80	126	172	10	12	40	92	45	67	73	62	2,001	2.1	3.3
DaB	DAVIS SILT LOAM, 2 TO 6 PERCENT SLOPES	86	135	185	11	13	43	99	49	73	78	67	2,151	2.3	3.6
DbA	DEGREY-WALKE SILT LOAMS, 0 TO 4 PERCENT SLOPES	56	88	121	7	9	28	64	32	47	51	43	1,401	1.5	2.3
DeA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	46	72	99	6	7	23	53	26	39	42	36	1,151	1.2	1.9
DlB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	47	74	101	6	7	23	54	27	40	43	36	1,176	1.2	2.0
DmC	DELMONT-TALMO LOAMS, 2 TO 9 PERCENT SLOPES	31	49	67	4	5	15	36	18	26	28	24	775	0.8	1.3
Do	DIMO LOAM	77	121	166	10	12	38	88	43	65	70	60	1,926	2.0	3.2
EaA	EAKIN-ETHAN COMPLEX, 0 TO 3 PERCENT SLOPES	84	132	181	11	13	42	96	47	71	76	65	2,101	2.2	3.5
EaB	EAKIN-ETHAN COMPLEX, 3 TO 6 PERCENT SLOPES	79	124	170	10	12	39	91	45	67	72	61	1,976	2.1	3.3
EaC	EAKIN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	67	105	144	9	10	33	77	38	56	61	52	1,676	1.8	2.8
EdA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	56	88	121	7	9	28	64	32	47	51	43	1,401	1.5	2.3
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	46	72	99	6	7	23	53	26	39	42	36	1,151	1.2	1.9
Fa	FARMSWORTH SILT LOAM	35	55	75	5	5	17	40	20	30	32	27	875	0.9	1.5
HbA	HENKIN-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	61	96	131	8	9	30	70	34	51	55	47	1,526	1.6	2.6
HbB	HENKIN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	54	85	116	7	8	27	62	31	46	49	42	1,351	1.4	2.3
HeA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	88	138	189	11	14	44	101	50	74	80	68	2,201	2.3	3.7
HeB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	80	126	172	10	12	40	92	45	67	73	62	2,001	2.1	3.3
HgA	HIGHMORE-WALKE SILT LOAMS, 0 TO 3 PERCENT SLOPES	85	133	183	11	13	42	98	48	72	77	66	2,126	2.2	3.6
HhB	HOMME SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	82	129	177	11	13	41	94	46	69	74	63	2,051	2.2	3.4
HmB	HOMME-ETHAN COMPLEX, 1 TO 6 PERCENT SLOPES	78	122	168	10	12	39	90	44	66	71	60	1,951	2.1	3.3
HnA	HOMME-ONITA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	89	140	192	11	14	44	102	50	75	81	69	2,226	2.3	3.7
Hv	HOVEN SILT LOAM	20	31	43	3	3	10	23	11	17	18	15	500	0.5	0.8
La	LANE SILTY CLAY LOAM	84	132	181	11	13	42	96	47	71	76	65	2,101	2.2	3.5
Ma	MACKEN SILTY CLAY	36	56	78	5	6	18	41	20	30	33	28	900	0.9	1.5
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Na	NAPA SILT LOAM	37	58	80	5	6	18	42	21	31	34	29	925	1.0	1.5
Oa	ONITA SILT LOAM	91	143	196	12	14	45	104	51	77	83	70	2,276	2.4	3.8

Douglas County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
On	ONITA-TETONKA SILT LOAMS	77	121	166	10	12	38	88	43	65	70	60	1,926	2.0	3.2
Pg	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pt	PROSPER-TETONKA COMPLEX	78	122	168	10	12	39	90	44	66	71	60	1,951	2.1	3.3
TaC	TALMO GRAVELLY SANDY LOAM, 2 TO 9 PERCENT SLOPES	10	16	22	1	2	5	11	6	8	9	8	250	0.3	0.4
Te	TETONKA SILT LOAM	56	88	121	7	9	28	64	32	47	51	43	1,401	1.5	2.3
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wo	WORTHING SILTY CLAY LOAM	33	52	71	4	5	16	38	19	28	30	26	825	0.9	1.4
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	8	11	1	1	2	6	3	4	5	4	125	0.1	0.2

Edmunds County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		125	144	10	16	37	52	49	51	74	47	1,789	1.6	2.6
	County Average Crop Soil Map Unit Productivity Index =	70.74													
Ba	BEARDEN LOAM	80	142	163	11	18	41	59	55	57	84	53	2,023	1.8	2.9
Bc	BOWBELLS-CRESBARD LOAMS	77	136	157	11	18	40	57	53	55	80	51	1,947	1.7	2.8
BoA	BOWDLE LOAM, 0 TO 2 PERCENT SLOPES	59	105	120	8	14	31	43	41	42	62	39	1,492	1.3	2.2
BoB	BOWDLE LOAM, 2 TO 6 PERCENT SLOPES	54	96	110	7	12	28	40	37	39	56	36	1,365	1.2	2.0
BrA	BRYANT LOAM, 0 TO 2 PERCENT SLOPES	88	156	179	12	20	46	65	61	63	92	58	2,225	2.0	3.2
BrB	BRYANT LOAM, 2 TO 6 PERCENT SLOPES	84	149	171	12	19	44	62	58	60	88	55	2,124	1.9	3.1
BrC	BRYANT LOAM, 6 TO 9 PERCENT SLOPES	73	129	149	10	17	38	54	51	52	76	48	1,846	1.6	2.7
BvA	BRYANT LOAM, SAND SUBSTRATUM, 1 TO 3 PERCENT SLOPES	67	119	136	9	15	35	49	46	48	70	44	1,694	1.5	2.5
BxB	BRYANT-GRASSNA LOAMS, 2 TO 6 PERCENT SLOPES	85	151	173	12	20	44	62	59	61	89	56	2,149	1.9	3.1
Dv	DIVIDE LOAM	56	99	114	8	13	29	41	39	40	58	37	1,416	1.3	2.1
EdE	EDGELEY LOAM, 6 TO 20 PERCENT SLOPES	26	46	53	4	6	13	19	18	19	27	17	657	0.6	1.0
GP	GRAVEL PITS	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Gr	GRASSNA LOAM	97	172	198	13	22	50	71	67	69	101	64	2,453	2.2	3.6
He	HEIL SILT LOAM	14	25	29	2	3	7	10	10	10	15	9	354	0.3	0.5
LeA	LEHR LOAM, 0 TO 3 PERCENT SLOPES	43	76	88	6	10	22	32	30	31	45	28	1,087	1.0	1.6
LeB	LEHR LOAM, 3 TO 6 PERCENT SLOPES	41	73	84	6	9	21	30	28	29	43	27	1,037	0.9	1.5
LhB	LEHR-BOWDLE LOAMS, 0 TO 6 PERCENT SLOPES	46	82	94	6	11	24	34	32	33	48	30	1,163	1.0	1.7
Lt	LETCHER FINE SANDY LOAM	36	64	73	5	8	19	26	25	26	38	24	910	0.8	1.3
Lv	LA PRAIRIE, CHANNELED AND RANSLO SOILS	32	57	65	4	7	17	24	22	23	33	21	809	0.7	1.2
Mb	PARNELL, PONDED	6	11	12	1	1	3	4	4	4	6	4	152	0.1	0.2
MdA	MONDAMIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	78	138	159	11	18	40	57	54	56	81	51	1,972	1.8	2.9
MdB	MONDAMIN SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	72	128	147	10	17	37	53	50	51	75	47	1,821	1.6	2.7
Mh	MONDAMIN-HEIL SILTY CLAY LOAMS	62	110	126	9	14	32	46	43	44	65	41	1,568	1.4	2.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NmA	NIOBELL-MIRANDA LOAMS, 0 TO 3 PERCENT SLOPES	47	83	96	6	11	24	35	33	34	49	31	1,188	1.1	1.7
NpB	NIOBELL-NOONAN LOAMS, 1 TO 5 PERCENT SLOPES	51	90	104	7	12	26	37	35	36	53	34	1,290	1.1	1.9
Or	ORTHENTS, LOAMY	1	2	2	0	0	1	1	1	1	1	1	25	0.0	0.0
Pa	PARNELL SILTY CLAY LOAM	30	53	61	4	7	16	22	21	21	31	20	759	0.7	1.1
Rh	RANSLO-HARRIET SILT LOAMS	26	46	53	4	6	13	19	18	19	27	17	657	0.6	1.0
Rn	REGAN SILT LOAM	31	55	63	4	7	16	23	21	22	32	20	784	0.7	1.1
Sp	SPOTTSWOOD LOAM	71	126	145	10	16	37	52	49	51	74	47	1,795	1.6	2.6
TaB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	54	96	110	7	12	28	40	37	39	56	36	1,365	1.2	2.0
TbB	TEMVIK-BRYANT LOAMS, 2 TO 6 PERCENT SLOPES	84	149	171	12	19	44	62	58	60	88	55	2,124	1.9	3.1
TgB	TEMVIK-GRASSNA LOAMS, 3 TO 6 PERCENT SLOPES	88	156	179	12	20	46	65	61	63	92	58	2,225	2.0	3.2
TgC	TEMVIK-GRASSNA LOAMS, 6 TO 9 PERCENT SLOPES	75	133	153	10	17	39	55	52	54	78	49	1,896	1.7	2.8
Tn	TONKA-NISHON SILT LOAMS	50	89	102	7	11	26	37	35	36	52	33	1,264	1.1	1.8
VdC	VIDA EXTREMELY STONY LOAM, 3 TO 15 PERCENT SLOPES	3	5	6	0	1	2	2	2	2	3	2	76	0.1	0.1

Edmunds County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
VwC	VIDA-WILLIAMS LOAMS, 6 TO 15 PERCENT SLOPES	52	92	106	7	12	27	38	36	37	54	34	1,315	1.2	1.9
VzE	VIDA-ZAHILL LOAMS, 15 TO 25 PERCENT SLOPES	25	44	51	3	6	13	18	17	18	26	16	632	0.6	0.9
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaD	WABEK LOAM, 6 TO 20 PERCENT SLOPES	9	16	18	1	2	5	7	6	6	9	6	228	0.2	0.3
WbC	WABEK-BOWDLE LOAMS, 6 TO 15 PERCENT SLOPES	36	64	73	5	8	19	26	25	26	38	24	910	0.8	1.3
WnB	WILLIAMS-BOWBELLS LOAMS, 3 TO 6 PERCENT SLOPES	81	144	165	11	19	42	60	56	58	85	53	2,048	1.8	3.0
WnC	WILLIAMS-BOWBELLS LOAMS, 6 TO 9 PERCENT SLOPES	68	121	139	9	16	35	50	47	49	71	45	1,719	1.5	2.5
WtA	WILLIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 2 PERCENT SLOPES	81	144	165	11	19	42	60	56	58	85	53	2,048	1.8	3.0
WtB	WILLIAMS-BOWBELLS-NISHON COMPLEX, 2 TO 6 PERCENT SLOPES	76	135	155	10	17	39	56	53	54	79	50	1,922	1.7	2.8
WvC	WILLIAMS-BOWBELLS-PARNELL COMPLEX, 6 TO 9 PERCENT SLOPE S	63	112	128	9	14	33	46	44	45	66	41	1,593	1.4	2.3

Fall River County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		57	72	2	9	37	78	29	24	34	37	1,410	1.1	1.5
	County Average Crop Soil Map Unit Productivity Index =	58.67													
Aa	ABSTED SILT LOAM	35	34	43	1	5	22	47	17	14	20	22	841	0.6	0.9
AaC	ALICE FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	44	43	54	2	6	28	58	22	18	26	28	1,057	0.8	1.1
AbA	ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	57	56	70	2	8	36	76	28	23	33	36	1,370	1.0	1.5
AbB	ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	51	50	63	2	7	32	68	25	20	30	32	1,226	0.9	1.3
Ap	AQUOLLS, NEARLY LEVEL	5	5	6	0	1	3	7	2	2	3	3	120	0.1	0.1
Ar	ARVADA LOAM	11	11	14	0	2	7	15	5	4	6	7	264	0.2	0.3
AsB	ASCALON FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	75	73	92	3	11	47	100	37	30	44	47	1,802	1.4	2.0
AsC	ASCALON FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	58	57	71	2	8	37	77	29	23	34	37	1,394	1.1	1.5
Ba	BADLANDS	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
Bb	BANKARD FINE SANDY LOAM	29	28	36	1	4	18	39	14	12	17	18	697	0.5	0.8
Bc	BARNUM SILT LOAM	36	35	44	1	5	23	48	18	14	21	23	865	0.7	0.9
BfB	BULLFLAT SILT LOAM, 3 TO 6 PERCENT SLOPES	76	74	94	3	11	48	101	38	30	44	48	1,826	1.4	2.0
BoA	BONEEK SILT LOAM, 0 TO 2 PERCENT SLOPES	68	66	84	2	10	43	90	34	27	39	43	1,634	1.2	1.8
BoB	BONEEK SILT LOAM, 2 TO 6 PERCENT SLOPES	56	55	69	2	8	35	74	28	22	33	35	1,346	1.0	1.5
BpB	BONEEK SILT LOAM, BEDROCK SUBSTRATUM, 2 TO 6 PERCENT SLOPES	56	55	69	2	8	35	74	28	22	33	35	1,346	1.0	1.5
BrD	BROADHURST CLAY, 2 TO 15 PERCENT SLOPES	35	34	43	1	5	22	47	17	14	20	22	841	0.6	0.9
BuB	BUFTON SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	59	58	73	2	9	37	78	29	24	34	37	1,418	1.1	1.5
BvD	BUTCHE-BONEEK COMPLEX, 3 TO 15 PERCENT SLOPES	16	16	20	1	2	10	21	8	6	9	10	385	0.3	0.4
BwE	BUTCHE-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	3	3	4	0	0	2	4	1	1	2	2	72	0.1	0.1
CdF	CANYON-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	6	6	7	0	1	4	8	3	2	3	4	144	0.1	0.2
CnD	COLBY-NORKA SILT LOAMS, 6 TO 15 PERCENT SLOPES	46	45	57	2	7	29	61	23	18	27	29	1,106	0.8	1.2
DaB	DAILEY FINE SAND, 0 TO 6 PERCENT SLOPES	20	19	25	1	3	13	27	10	8	12	13	481	0.4	0.5
DaC	DAILEY FINE SAND, 6 TO 12 PERCENT SLOPES	11	11	14	0	2	7	15	5	4	6	7	264	0.2	0.3
DwA	DWYER LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	46	45	57	2	7	29	61	23	18	27	29	1,106	0.8	1.2
DwB	DWYER LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	38	37	47	1	6	24	51	19	15	22	24	913	0.7	1.0
DwE	DWYER LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	14	14	17	0	2	9	19	7	6	8	9	336	0.3	0.4
EaC	ECKLEY LOAM, 0 TO 9 PERCENT SLOPES	12	12	15	0	2	8	16	6	5	7	8	288	0.2	0.3
Ga	GLENBERG FINE SANDY LOAM	40	39	49	1	6	25	53	20	16	23	25	961	0.7	1.0
GrE	GRUMMIT-ROCK OUTCROP COMPLEX, 3 TO 40 PERCENT SLOPES	4	4	5	0	1	3	5	2	2	2	3	96	0.1	0.1
GsD	GRUMMIT-SNOMO CLAYS, 3 TO 15 PERCENT SLOPES	16	16	20	1	2	10	21	8	6	9	10	385	0.3	0.4
GuC	GURNEY-BUTCHE COMPLEX, 2 TO 9 PERCENT SLOPES	28	27	34	1	4	18	37	14	11	16	18	673	0.5	0.7
Ha	HAVERSON LOAM	79	77	97	3	12	50	105	39	32	46	50	1,899	1.4	2.1
HbB	HAVERSON VARIANT LOAM, 3 TO 9 PERCENT SLOPES	31	30	38	1	5	20	41	15	12	18	20	745	0.6	0.8
He	HISLE-SLICKSPOTS COMPLEX	10	10	12	0	1	6	13	5	4	6	6	240	0.2	0.3
Ho	HOVEN SILT LOAM	12	12	15	0	2	8	16	6	5	7	8	288	0.2	0.3
JaB	JAYEM FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	54	53	67	2	8	34	72	27	22	31	34	1,298	1.0	1.4
KaB	KADOKA SILT LOAM, 0 TO 6 PERCENT SLOPES	79	77	97	3	12	50	105	39	32	46	50	1,899	1.4	2.1

Fall River County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
KeD	KADOKA-EPPING SILT LOAMS, 6 TO 15 PERCENT SLOPES	48	47	59	2	7	30	64	24	19	28	30	1,154	0.9	1.3
KyA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	62	60	76	2	9	39	82	31	25	36	39	1,490	1.1	1.6
KyB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	56	55	69	2	8	35	74	28	22	33	35	1,346	1.0	1.5
Lo	LOHMILLER SILTY CLAY LOAM	74	72	91	3	11	47	98	37	30	43	47	1,778	1.4	1.9
Lp	LOHMILLER SILTY CLAY LOAM, CHANNELLED, 0 TO 2 PERCENT SLOPES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
MaA	MANVEL SILT LOAM, 0 TO 2 PERCENT SLOPES	69	67	85	2	10	44	92	34	28	40	44	1,658	1.3	1.8
MbA	MANZANOLA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	63	61	78	2	9	40	84	31	25	37	40	1,514	1.2	1.6
MbB	MANZANOLA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	58	57	71	2	8	37	77	29	23	34	37	1,394	1.1	1.5
MmE	MATHIAS-MIDWAY-ROCK OUTCROP COMPLEX, 15 TO 30 PERCENT SLOPES	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
MnF	MATHIAS-ROCKOA-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
MoB	MINNEQUA SILT LOAM, 2 TO 6 PERCENT SLOPES	56	55	69	2	8	35	74	28	22	33	35	1,346	1.0	1.5
MpE	MINNEQUA-MIDWAY SILTY CLAY LOAMS, 6 TO 25 PERCENT SLOPES	17	17	21	1	2	11	23	8	7	10	11	409	0.3	0.4
MtA	MITCHELL VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	65	63	80	2	9	41	86	32	26	38	41	1,562	1.2	1.7
MtB	MITCHELL VERY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	60	58	74	2	9	38	80	30	24	35	38	1,442	1.1	1.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NeD	NEVEE SILT LOAM, 6 TO 15 PERCENT SLOPES	28	27	34	1	4	18	37	14	11	16	18	673	0.5	0.7
NoA	NORKA SILT LOAM, 0 TO 2 PERCENT SLOPES	85	83	105	3	12	54	113	42	34	49	54	2,043	1.6	2.2
NoB	NORKA SILT LOAM, 2 TO 6 PERCENT SLOPES	80	78	99	3	12	50	106	40	32	46	50	1,923	1.5	2.1
NoC	NORKA SILT LOAM, 6 TO 9 PERCENT SLOPES	71	69	87	2	10	45	94	35	28	41	45	1,706	1.3	1.9
NuA	NUNN CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	87	110	3	13	56	118	44	36	52	56	2,139	1.6	2.3
NuB	NUNN CLAY LOAM, 2 TO 6 PERCENT SLOPES	82	80	101	3	12	52	109	41	33	48	52	1,971	1.5	2.1
NuC	NUNN CLAY LOAM, 6 TO 9 PERCENT SLOPES	67	65	83	2	10	42	89	33	27	39	42	1,610	1.2	1.8
Or	ORTHENTS, LOAMY	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
OrE	ORELLA-ROCK OUTCROP COMPLEX, 6 TO 40 PERCENT SLOPES	5	5	6	0	1	3	7	2	2	3	3	120	0.1	0.1
PaD	PAUNSAUGUNT-BONEEK COMPLEX, 6 TO 15 PERCENT SLOPES	21	20	26	1	3	13	28	10	8	12	13	505	0.4	0.5
PbF	PAUNSAUGUNT-VANOCKER-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT S	3	3	4	0	0	2	4	1	1	2	2	72	0.1	0.1
PcD	PAUNSAUGUNT-GURNEY COMPLEX, 2 TO 15 PERCENT SLOPES	20	19	25	1	3	13	27	10	8	12	13	481	0.4	0.5
PdD	PAUNSAUGUNT-ROCK OUTCROP COMPLEX, 6 TO 30 PERCENT SLOPES	5	5	6	0	1	3	7	2	2	3	3	120	0.1	0.1
PeB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	48	47	59	2	7	30	64	24	19	28	30	1,154	0.9	1.3
PgE	PIERRE-GRUMMIT CLAYS, 6 TO 25 PERCENT SLOPES	21	20	26	1	3	13	28	10	8	12	13	505	0.4	0.5
PsE	PIERRE-SAMSIL CLAYS, 6 TO 25 PERCENT SLOPES	19	19	23	1	3	12	25	9	8	11	12	457	0.3	0.5
Pt	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pu	PITS, MINE	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ReD	REKOP-TILFORD-GYSTRUM COMPLEX, 6 TO 15 PERCENT SLOPES	27	26	33	1	4	17	36	13	11	16	17	649	0.5	0.7
RgF	ROCK OUTCROP-GYSTRUM COMPLEX, 9 TO 50 PERCENT SLOPES	6	6	7	0	1	4	8	3	2	3	4	144	0.1	0.2
RoF	ROCK OUTCROP-MATHIAS-BUTCHE COMPLEX, 30 TO 75 PERCENT SLOPES	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
RrF	ROCKOA-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
SaE	SAMSIL CLAY, 15 TO 40 PERCENT SLOPES	6	6	7	0	1	4	8	3	2	3	4	144	0.1	0.2
SbD	SAMSIL-PIERRE CLAYS, 6 TO 15 PERCENT SLOPES	18	18	22	1	3	11	24	9	7	10	11	433	0.3	0.5
ScA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	86	84	106	3	13	54	114	43	34	50	54	2,067	1.6	2.2

Fall River County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
ScB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	81	79	100	3	12	51	108	40	32	47	51	1,947	1.5	2.1
ScC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	64	62	79	2	9	40	85	32	26	37	40	1,538	1.2	1.7
SdA	SAVO SILT LOAM, 0 TO 2 PERCENT SLOPES	86	84	106	3	13	54	114	43	34	50	54	2,067	1.6	2.2
SdB	SAVO SILT LOAM, 2 TO 6 PERCENT SLOPES	80	78	99	3	12	50	106	40	32	46	50	1,923	1.5	2.1
SmE	SCHAMBER-ECKLEY COMPLEX, 9 TO 40 PERCENT SLOPES	5	5	6	0	1	3	7	2	2	3	3	120	0.1	0.1
SnE	SHINGLE-PENROSE-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	3	3	4	0	0	2	4	1	1	2	2	72	0.1	0.1
SpF	SPEARFISH-ROCK OUTCROP COMPLEX, 9 TO 50 PERCENT SLOPES	3	3	4	0	0	2	4	1	1	2	2	72	0.1	0.1
SrE	SAWDUST-VANOCKER-PAUNSAUGUNT COMPLEX, 10 TO 40 PERCENT SLOP	3	3	4	0	0	2	4	1	1	2	2	72	0.1	0.1
SsE	SPEARFISH-TILFORD EXTREMELY STONY LOAMS, 6 TO 25 PERCENT SLOPES	6	6	7	0	1	4	8	3	2	3	4	144	0.1	0.2
St	STETTER CLAY	39	38	48	1	6	25	52	19	16	23	25	937	0.7	1.0
Sw	SWANBOY CLAY	8	8	10	0	1	5	11	4	3	5	5	192	0.1	0.2
TaA	TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	89	87	110	3	13	56	118	44	36	52	56	2,139	1.6	2.3
TaB	TILFORD SILT LOAM, 2 TO 6 PERCENT SLOPES	83	81	102	3	12	52	110	41	33	48	52	1,995	1.5	2.2
TaC	TILFORD SILT LOAM, 6 TO 9 PERCENT SLOPES	70	68	86	2	10	44	93	35	28	41	44	1,682	1.3	1.8
TgC	TILFORD-GYSTRUM COMPLEX, 2 TO 9 PERCENT SLOPES	57	56	70	2	8	36	76	28	23	33	36	1,370	1.0	1.5
VaE	VALENT LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	8	8	10	0	1	5	11	4	3	5	5	192	0.1	0.2
VoG	VANOCKER-SAWDUST-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SLOP	1	1	1	0	0	1	1	0	0	1	1	24	0.0	0.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WpC	WINLER-PIERRE CLAYS, 2 TO 9 PERCENT SLOPES	20	19	25	1	3	13	27	10	8	12	13	481	0.4	0.5
ZnE	ZIGWEID-NIHILL COMPLEX, 6 TO 20 PERCENT SLOPES	20	19	25	1	3	13	27	10	8	12	13	481	0.4	0.5

Faulk County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		132	144	11	16	36	52	52	51	75	47	1,745	1.7	2.6
	County Average Crop Soil Map Unit Productivity Index =	73.12													
Bb	BOWBELLS LOAM	89	160	175	14	20	44	63	63	61	91	57	2,124	2.1	3.2
BoA	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES	59	106	116	9	13	29	42	42	41	60	38	1,408	1.4	2.1
BrA	BRYANT-GRASSNA SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	166	181	14	20	45	65	65	64	94	59	2,196	2.2	3.3
BrB	BRYANT-GRASSNA SILT LOAMS, 2 TO 6 PERCENT SLOPES	88	158	173	13	20	43	63	63	61	90	56	2,100	2.1	3.2
Ha	HARRIET SILT LOAM	14	25	28	2	3	7	10	10	10	14	9	334	0.3	0.5
He	HEIL SILT LOAM	12	22	24	2	3	6	9	9	8	12	8	286	0.3	0.4
La	LA PRAIRIE LOAM	87	157	171	13	19	43	62	62	60	89	55	2,076	2.0	3.1
Lb	LA PRAIRIE LOAM, CHANNELED	33	59	65	5	7	16	23	23	23	34	21	788	0.8	1.2
LeA	LEHR LOAM, 0 TO 3 PERCENT SLOPES	42	76	83	6	9	21	30	30	29	43	27	1,002	1.0	1.5
LeB	LEHR LOAM, 3 TO 6 PERCENT SLOPES	40	72	79	6	9	20	28	28	28	41	25	955	0.9	1.4
MaA	RUSO SANDY LOAM, 0 TO 3 PERCENT SLOPES	50	90	99	8	11	24	36	36	35	51	32	1,193	1.2	1.8
MbA	MANNING VARIANT LOAM, 0 TO 3 PERCENT SLOPES	39	70	77	6	9	19	28	28	27	40	25	931	0.9	1.4
MdA	MAX-ARNEGARD LOAMS, 0 TO 3 PERCENT SLOPES	84	151	166	13	19	41	60	60	58	86	53	2,005	2.0	3.0
MmB	MAX-ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	76	137	150	12	17	37	54	54	52	78	48	1,814	1.8	2.7
MnB	MAX-NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	64	115	126	10	14	31	46	45	44	65	41	1,527	1.5	2.3
MoA	MONDAMIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	79	142	156	12	18	39	56	56	55	81	50	1,885	1.9	2.8
MoB	MONDAMIN SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	70	126	138	11	16	34	50	50	48	72	45	1,671	1.6	2.5
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NaA	NIOBELL-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	60	108	118	9	13	29	43	43	41	61	38	1,432	1.4	2.2
NbA	NIOBELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	60	108	118	9	13	29	43	43	41	61	38	1,432	1.4	2.2
Nn	NISHON SILT LOAM	48	86	95	7	11	23	34	34	33	49	31	1,146	1.1	1.7
NoA	NOONAN-MIRANDA LOAMS, 0 TO 5 PERCENT SLOPES	31	56	61	5	7	15	22	22	21	32	20	740	0.7	1.1
Pa	PARNELL SILTY CLAY LOAM	27	49	53	4	6	13	19	19	19	28	17	644	0.6	1.0
Pp	PARNELL SILTY CLAY LOAM, PONDED	5	9	10	1	1	2	4	4	3	5	3	119	0.1	0.2
Pt	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
RaA	RABER-CAVO COMPLEX, 0 TO 2 PERCENT SLOPES	57	103	112	9	13	28	41	41	39	58	36	1,360	1.3	2.1
RaB	RABER-CAVO COMPLEX, 2 TO 6 PERCENT SLOPES	50	90	99	8	11	24	36	36	35	51	32	1,193	1.2	1.8
Rh	RANSLO-HARRIET SILT LOAMS	30	54	59	5	7	15	21	21	21	31	19	716	0.7	1.1
TaA	TALLY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	61	110	120	9	14	30	43	43	42	62	39	1,456	1.4	2.2
TaB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	56	101	110	9	12	27	40	40	39	57	36	1,336	1.3	2.0
Tn	TONKA-NISHON SILT LOAMS	52	94	102	8	12	25	37	37	36	53	33	1,241	1.2	1.9
VaC	VIDA-WILLIAMS VERY STONY LOAMS, 2 TO 9 PERCENT SLOPES	12	22	24	2	3	6	9	9	8	12	8	286	0.3	0.4
VdC	VIDA-WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	59	106	116	9	13	29	42	42	41	60	38	1,408	1.4	2.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaD	WABEK LOAM, 9 TO 25 PERCENT SLOPES	5	9	10	1	1	2	4	4	3	5	3	119	0.1	0.2
WbC	WABEK-BOWDLE LOAMS, 3 TO 9 PERCENT SLOPES	32	58	63	5	7	16	23	23	22	33	20	764	0.7	1.2
WnA	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	84	151	166	13	19	41	60	60	58	86	53	2,005	2.0	3.0

Faulk County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WnB	WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	79	142	156	12	18	39	56	56	55	81	50	1,885	1.9	2.8
WoA	WILLIAMS-BOWBELLS-NISHON COMPLEX, 0 TO 3 PERCENT SLOPES	77	139	152	12	17	38	55	55	53	79	49	1,838	1.8	2.8
WoB	WILLIAMS-BOWBELLS-NISHON COMPLEX, 1 TO 6 PERCENT SLOPES	71	128	140	11	16	35	50	50	49	73	45	1,694	1.7	2.6
WpA	WILLIAMS-BOWBELLS-NOONAN LOAMS, 0 TO 3 PERCENT SLOPES	72	130	142	11	16	35	51	51	50	74	46	1,718	1.7	2.6
WpB	WILLIAMS-BOWBELLS-NOONAN LOAMS, 1 TO 6 PERCENT SLOPES	70	126	138	11	16	34	50	50	48	72	45	1,671	1.6	2.5
WtC	WILLIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	61	110	120	9	14	30	43	43	42	62	39	1,456	1.4	2.2
WvB	WILLIAMS-BOWBELLS-VIDA LOAMS, 1 TO 6 PERCENT SLOPES	76	137	150	12	17	37	54	54	52	78	48	1,814	1.8	2.7
WwB	WILLIAMS-NIOBELL-NOONAN LOAMS, 3 TO 6 PERCENT SLOPES	65	117	128	10	14	32	46	46	45	66	41	1,551	1.5	2.3
WxC	WILLIAMS-VIDA-BOWBELLS STONY LOAMS, 2 TO 9 PERCENT SLOPES	65	117	128	10	14	32	46	46	45	66	41	1,551	1.5	2.3
WzD	WILLIAMS-ZAHILL-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	55	99	108	8	12	27	39	39	38	56	35	1,313	1.3	2.0
ZaE	ZAHILL LOAM, 15 TO 40 PERCENT SLOPES	17	31	34	3	4	8	12	12	12	17	11	406	0.4	0.6
ZcE	ZAHILL VERY STONY LOAM, 6 TO 25 PERCENT SLOPES	6	11	12	1	1	3	4	4	4	6	4	143	0.1	0.2
ZlD	ZAHILL-LA PRAIRIE COMPLEX, 2 TO 25 PERCENT SLOPES	28	50	55	4	6	14	20	20	19	29	18	668	0.7	1.0
ZmC	ZAHL-MAX LOAMS, 6 TO 9 PERCENT SLOPES	55	99	108	8	12	27	39	39	38	56	35	1,313	1.3	2.0
ZmD	ZAHL-MAX LOAMS, 9 TO 20 PERCENT SLOPES	35	63	69	5	8	17	25	25	24	36	22	835	0.8	1.3

Grant County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		134	167	11	15	35		51	62	84	59		1.4	3.5
	County Average Crop Soil Map Unit Productivity Index =	68.71													
Aa	AASTAD-FLOM COMPLEX	89	173	216	14	19	45		66	80	109	76		1.9	4.5
AbA	ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	28	54	68	5	6	14		21	25	34	24		0.6	1.4
AbB	ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	23	45	56	4	5	12		17	21	28	20		0.5	1.2
AbC	ARVILLA SANDY LOAM, 6 TO 9 PERCENT SLOPES	15	29	36	2	3	8		11	13	18	13		0.3	0.8
BaE	BARNES-BUSE EXTREMELY STONY LOAMS, 9 TO 40 PERCENT SLOPES	6	12	15	1	1	3		4	5	7	5		0.1	0.3
BbB	BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	84	163	204	14	18	42		63	75	103	72		1.8	4.2
BbC	BARNES-SVEA LOAMS, 3 TO 9 PERCENT SLOPES	68	132	165	11	15	34		51	61	83	58		1.4	3.4
BbD	BARNES-SVEA LOAMS, 4 TO 15 PERCENT SLOPES	62	121	150	10	13	31		46	55	76	53		1.3	3.1
Bc	CUBDEN SILTY CLAY LOAM	80	156	194	13	17	40		60	72	98	69		1.7	4.0
Bd	BROOKINGS SILT LOAM	96	187	233	16	21	48		71	86	118	82		2.0	4.8
BeF	BUSE-FORMAN LOAMS, 25 TO 40 PERCENT SLOPES	13	25	32	2	3	7		10	12	16	11		0.3	0.7
BfD	BUSE-FORMAN-AASTAD LOAMS, 4 TO 15 PERCENT SLOPES	51	99	124	8	11	26		38	46	63	44		1.1	2.6
Da	DIVIDE LOAM	53	103	129	9	11	27		39	47	65	46		1.1	2.7
Db	CASTLEWOOD SILTY CLAY	63	123	153	10	13	32		47	56	77	54		1.3	3.2
EaA	EGELAND FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	60	117	146	10	13	30		45	54	74	52		1.3	3.0
EaB	EGELAND FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	55	107	133	9	12	28		41	49	67	47		1.2	2.8
Ec	ESTELLINE SILTY CLAY LOAM	62	121	150	10	13	31		46	55	76	53		1.3	3.1
Fa	FLOM CLAY LOAM	81	158	196	13	17	41		60	73	99	70		1.7	4.1
FbA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	59	115	143	10	13	30		44	53	72	51		1.2	3.0
FcB	FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	47	91	114	8	10	24		35	42	58	40		1.0	2.4
FdA	FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	86	167	209	14	18	43		64	77	105	74		1.8	4.3
FdB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	82	160	199	13	18	41		61	73	101	70		1.7	4.1
FdC	FORMAN-AASTAD LOAMS, 3 TO 9 PERCENT SLOPES	69	134	167	11	15	35		51	62	85	59		1.4	3.5
FdD	FORMAN-AASTAD LOAMS, 4 TO 15 PERCENT SLOPES	57	111	138	9	12	29		42	51	70	49		1.2	2.9
FeC	FORMAN-AASTAD EXTREMELY STONY COMPLEX, 0 TO 9 PERCENT SLOPES	26	51	63	4	6	13		19	23	32	22		0.5	1.3
FgC	FORMAN-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	63	123	153	10	13	32		47	56	77	54		1.3	3.2
FgE	FORMAN-BUSE LOAMS, 15 TO 25 PERCENT SLOPES	25	49	61	4	5	13		19	22	31	21		0.5	1.3
FhE	FORMAN-BUSE EXTREMELY STONY LOAMS, 9 TO 40 PERCENT SLOPES	11	21	27	2	2	6		8	10	13	9		0.2	0.6
HaD	HATTIE CLAY LOAM, 9 TO 15 PERCENT SLOPES	50	97	121	8	11	25		37	45	61	43		1.0	2.5
HaE	HATTIE CLAY LOAM, 15 TO 40 PERCENT SLOPES	32	62	78	5	7	16		24	29	39	27		0.7	1.6
HbB	HEIMDAL-SISSETON LOAMS, 2 TO 6 PERCENT SLOPES	73	142	177	12	16	37		54	65	89	63		1.5	3.7
HbC	HEIMDAL-SISSETON LOAMS, 6 TO 9 PERCENT SLOPES	58	113	141	9	12	29		43	52	71	50		1.2	2.9
HcA	HEIMDAL-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	87	169	211	14	19	44		65	78	107	75		1.8	4.4
HcB	HEIMDAL-SVEA LOAMS, 2 TO 6 PERCENT SLOPES	81	158	196	13	17	41		60	73	99	70		1.7	4.1
La	LADELLE SILT LOAM	85	165	206	14	18	43		63	76	104	73		1.8	4.3
Lb	LADELLE SILT LOAM, CHANNELED	35	68	85	6	7	18		26	31	43	30		0.7	1.8
Lc	LUDDEN SILTY CLAY	54	105	131	9	12	27		40	48	66	46		1.1	2.7

Grant County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Lp	LA PRAIRIE LOAM	69	134	167	11	15	35		51	62	85	59		1.4	3.5
MaE	MADDOCK LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	6	12	15	1	1	3		4	5	7	5		0.1	0.3
Mb	MARYSLAND LOAM	45	88	109	7	10	23		33	40	55	39		0.9	2.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Oa	OVERLY SILTY CLAY LOAM	97	189	235	16	21	49		72	87	119	83		2.0	4.9
Pa	PARNELL SILTY CLAY LOAM	31	60	75	5	7	16		23	28	38	27		0.6	1.6
Pb	SOUTHAM SILTY CLAY LOAM	9	18	22	1	2	5		7	8	11	8		0.2	0.5
PcA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	74	144	179	12	16	37		55	66	91	64		1.5	3.7
PcB	PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	67	130	163	11	14	34		50	60	82	58		1.4	3.4
PcC	PEEVER CLAY LOAM, 6 TO 9 PERCENT SLOPES	56	109	136	9	12	28		42	50	69	48		1.2	2.8
Pd	PEEVER-CAVOUR COMPLEX	64	125	155	10	14	32		48	57	78	55		1.3	3.2
Pe	PEEVER-TONKA COMPLEX	69	134	167	11	15	35		51	62	85	59		1.4	3.5
Pf	ORTHENTS, GRAVELLY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Ph	PLAYMOOR SILTY CLAY LOAM	34	66	82	6	7	17		25	30	42	29		0.7	1.7
Po	POINSETT SILT LOAM	94	183	228	15	20	47		70	84	115	81		2.0	4.7
Ra	RAUVILLE SILTY CLAY LOAM	27	53	65	4	6	14		20	24	33	23		0.6	1.4
RbA	RENSHAW LOAM, 0 TO 2 PERCENT SLOPES	41	80	99	7	9	21		31	37	50	35		0.9	2.1
RbB	RENSHAW LOAM, 2 TO 6 PERCENT SLOPES	38	74	92	6	8	19		28	34	47	33		0.8	1.9
RcD	RENSHAW-SIOUX COMPLEX, 6 TO 15 PERCENT SLOPES	20	39	49	3	4	10		15	18	25	17		0.4	1.0
RdE	RENSHAW-SIOUX EXTREMELY STONY COMPLEX, 6 TO 40 PERCENT SLOPES	10	19	24	2	2	5		7	9	12	9		0.2	0.5
ReA	RENTILL LOAM, 0 TO 2 PERCENT SLOPES	46	89	112	7	10	23		34	41	56	39		1.0	2.3
SaE	SIOUX-RENSHAW COMPLEX, 15 TO 40 PERCENT SLOPES	8	16	19	1	2	4		6	7	10	7		0.2	0.4
SbE	SISSETON LOAM, 15 TO 40 PERCENT SLOPES	21	41	51	3	4	11		16	19	26	18		0.4	1.1
ScD	SISSETON-HEIMDAL LOAMS, 9 TO 15 PERCENT SLOPES	39	76	95	6	8	20		29	35	48	33		0.8	2.0
Sd	SVEA LOAM	94	183	228	15	20	47		70	84	115	81		2.0	4.7
SeA	SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	68	132	165	11	15	34		51	61	83	58		1.4	3.4
Ta	TONKA SILT LOAM	56	109	136	9	12	28		42	50	69	48		1.2	2.8
Va	VALLERS LOAM	48	93	116	8	10	24		36	43	59	41		1.0	2.4
Vb	VALLERS-PARNELL COMPLEX	44	86	107	7	9	22		33	39	54	38		0.9	2.2
Vc	VALLERS-TONKA COMPLEX	52	101	126	8	11	26		39	47	64	45		1.1	2.6
VdD	VIENNA-BUSE COMPLEX, 9 TO 15 PERCENT SLOPES	48	93	116	8	10	24		36	43	59	41		1.0	2.4
VeA	VIENNA-LISMORE SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	173	216	14	19	45		66	80	109	76		1.9	4.5
VeB	VIENNA-LISMORE SILT LOAMS, 1 TO 6 PERCENT SLOPES	87	169	211	14	19	44		65	78	107	75		1.8	4.4
VeC	VIENNA-LISMORE SILT LOAMS, 3 TO 9 PERCENT SLOPES	71	138	172	12	15	36		53	64	87	61		1.5	3.6
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0

Gregory County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		91	154	6	10	34	57	28	50	66	44	1,622	1.6	2.4
	County Average Crop Soil Map Unit Productivity Index =	65.19													
AaA	AGAR SILT LOAM, 0 TO 3 PERCENT SLOPES	91	128	216	9	14	47	79	39	70	92	61	2,265	2.2	3.4
AaB	AGAR SILT LOAM, 3 TO 6 PERCENT SLOPES	85	119	201	8	13	44	74	36	65	86	57	2,115	2.0	3.2
AdC	ANSELMO-DUNDAY COMPLEX, 3 TO 9 PERCENT SLOPES	39	55	92	4	6	20	34	17	30	40	26	971	0.9	1.5
AhB	ANSELMO-HOLT FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	52	73	123	5	8	27	45	22	40	53	35	1,294	1.3	2.0
AhC	ANSELMO-HOLT FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	42	59	99	4	7	22	36	18	32	43	28	1,045	1.0	1.6
AtE	ANSELMO-TASSEL FINE SANDY LOAMS, 6 TO 25 PERCENT SLOPES	13	18	31	1	2	7	11	6	10	13	9	324	0.3	0.5
BaE	BETTS LOAM, 15 TO 40 PERCENT SLOPES	4	6	9	0	1	2	3	2	3	4	3	100	0.1	0.2
Bb	BON SILT LOAM	93	130	220	9	15	48	81	40	71	94	62	2,315	2.2	3.5
Bc	BON SILT LOAM, CHANNELED	34	48	81	3	5	18	29	14	26	34	23	846	0.8	1.3
BlD	BORO-LAKOMA SILTY CLAYS, 9 TO 15 PERCENT SLOPES	39	55	92	4	6	20	34	17	30	40	26	971	0.9	1.5
BmB	BORO-MILLBORO SILTY CLAYS, 2 TO 6 PERCENT SLOPES	67	94	159	6	11	35	58	29	51	68	45	1,667	1.6	2.5
BmC	BORO-MILLBORO SILTY CLAYS, 6 TO 9 PERCENT SLOPES	54	76	128	5	8	28	47	23	41	55	36	1,344	1.3	2.0
CaA	CARTER-CAPA COMPLEX, 0 TO 3 PERCENT SLOPES	30	42	71	3	5	16	26	13	23	30	20	747	0.7	1.1
CbA	CARTER-PROMISE COMPLEX, 0 TO 3 PERCENT SLOPES	48	67	114	5	8	25	42	20	37	49	32	1,195	1.2	1.8
Cd	CASS FINE SANDY LOAM, CHANNELED	32	45	76	3	5	17	28	14	25	32	21	796	0.8	1.2
CrC	COLY SILT LOAM, 6 TO 9 PERCENT SLOPES	48	67	114	5	8	25	42	20	37	49	32	1,195	1.2	1.8
CrE	COLY SILT LOAM, 9 TO 25 PERCENT SLOPES	21	29	50	2	3	11	18	9	16	21	14	523	0.5	0.8
DaA	DUNDAY LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	50	70	118	5	8	26	43	21	38	51	34	1,244	1.2	1.9
Du	DURRSTEIN SILT LOAM	8	11	19	1	1	4	7	3	6	8	5	199	0.2	0.3
Fd	FEDORA LOAM	51	71	121	5	8	26	44	22	39	52	34	1,269	1.2	1.9
Ha	HAYNIE VARIANT-MUNJOR COMPLEX	67	94	159	6	11	35	58	29	51	68	45	1,667	1.6	2.5
HoA	HOLT FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	62	87	147	6	10	32	54	26	48	63	42	1,543	1.5	2.3
HoB	HOLT FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	53	74	126	5	8	28	46	23	41	54	36	1,319	1.3	2.0
HoC	HOLT FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	45	63	107	4	7	23	39	19	35	46	30	1,120	1.1	1.7
HoD	HOLT FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	31	43	73	3	5	16	27	13	24	31	21	772	0.7	1.2
Ia	INAVALE LOAMY SAND	42	59	99	4	7	22	36	18	32	43	28	1,045	1.0	1.6
InB	INAVALE FINE SAND, 2 TO 6 PERCENT SLOPES	27	38	64	3	4	14	23	12	21	27	18	672	0.7	1.0
Ix	NORWAY LOAMY FINE SAND	9	13	21	1	1	5	8	4	7	9	6	224	0.2	0.3
JaA	JANSEN LOAM, 0 TO 3 PERCENT SLOPES	56	78	133	5	9	29	49	24	43	57	38	1,394	1.3	2.1
JaB	JANSEN LOAM, 3 TO 6 PERCENT SLOPES	47	66	111	5	7	24	41	20	36	48	32	1,170	1.1	1.8
JaC	JANSEN LOAM, 6 TO 9 PERCENT SLOPES	38	53	90	4	6	20	33	16	29	38	26	946	0.9	1.4
JbA	JANSEN-BROCKSBURG LOAMS, 0 TO 2 PERCENT SLOPES	61	85	144	6	10	32	53	26	47	62	41	1,518	1.5	2.3
Ko	KOLLS CLAY	31	43	73	3	5	16	27	13	24	31	21	772	0.7	1.2
LaB	LABU CLAY, 2 TO 6 PERCENT SLOPES	65	91	154	6	10	34	56	28	50	66	44	1,618	1.6	2.4
LaC	LABU CLAY, 6 TO 9 PERCENT CLAY	42	59	99	4	7	22	36	18	32	43	28	1,045	1.0	1.6
LaD	LABU CLAY, 9 TO 15 PERCENT SLOPES	36	50	85	3	6	19	31	15	28	36	24	896	0.9	1.4
LcF	LABU-SANSARC CLAYS, 15 TO 50 PERCENT SLOPES	16	22	38	2	3	8	14	7	12	16	11	398	0.4	0.6

Gregory County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LoD	LAKOMA-OKATON SILTY CLAYS, 9 TO 15 PERCENT SLOPES	28	39	66	3	4	15	24	12	21	28	19	697	0.7	1.1
LwB	LAKOMA-WEWELA COMPLEX, 2 TO 6 PERCENT SLOPES	50	70	118	5	8	26	43	21	38	51	34	1,244	1.2	1.9
LwC	LAKOMA-WEWELA COMPLEX, 6 TO 9 PERCENT SLOPES	42	59	99	4	7	22	36	18	32	43	28	1,045	1.0	1.6
MaD	MARIAVILLE LOAM, 6 TO 15 PERCENT SLOPES	15	21	36	1	2	8	13	6	12	15	10	373	0.4	0.6
MaF	MARIAVILLE LOAM, 15 TO 40 PERCENT SLOPES	4	6	9	0	1	2	3	2	3	4	3	100	0.1	0.2
MdF	MARIAVILLE-LABU-ANSELMO COMPLEX, 15 TO 40 PERCENT SLOPES	11	15	26	1	2	6	10	5	8	11	7	274	0.3	0.4
MeC	MEADIN SANDY LOAM, 3 TO 9 PERCENT SLOPES	17	24	40	2	3	9	15	7	13	17	11	423	0.4	0.6
MeE	MEADIN SANDY LOAM, 9 TO 25 PERCENT SLOPES	7	10	17	1	1	4	6	3	5	7	5	174	0.2	0.3
MoA	MILLBORO SILTY CLAY, 0 TO 2 PERCENT SLOPES	86	120	204	8	13	45	75	37	66	87	58	2,140	2.1	3.2
MoB	MILLBORO SILTY CLAY, 2 TO 6 PERCENT SLOPES	82	115	194	8	13	43	71	35	63	83	55	2,041	2.0	3.1
MoC	MILLBORO SILTY CLAY, 6 TO 9 PERCENT SLOPES	66	92	156	6	10	34	57	28	51	67	44	1,643	1.6	2.5
MpB	MILLBORO-LAKOMA SILTY CLAYS, 2 TO 6 PERCENT SLOPES	74	104	175	7	12	38	64	32	57	75	50	1,842	1.8	2.8
MpC	MILLBORO-LAKOMA SILTY CLAYS, 6 TO 9 PERCENT SLOPES	61	85	144	6	10	32	53	26	47	62	41	1,518	1.5	2.3
Mr	MOSHER SILT LOAM	41	57	97	4	6	21	36	17	31	42	28	1,020	1.0	1.5
Ms	MOSHER-JERAULD SILT LOAMS	34	48	81	3	5	18	29	14	26	34	23	846	0.8	1.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ObE	OKATON-LAKOMA SILTY CLAYS, 15 TO 50 PERCENT SLOPES	7	10	17	1	1	4	6	3	5	7	5	174	0.2	0.3
OcF	OKATON-MARIAVILLE COMPLEX, 15 TO 50 PERCENT SLOPES	6	8	14	1	1	3	5	3	5	6	4	149	0.1	0.2
OeC	O'NEILL FINE SANDY LOAM, 3 TO 9 PERCENT SLOPES	25	35	59	2	4	13	22	11	19	25	17	622	0.6	0.9
On	ONITA SILT LOAM	95	133	225	9	15	49	82	40	73	96	64	2,364	2.3	3.6
Or	ORTHENTS, LOAMY	1	1	2	0	0	1	1	0	1	1	1	25	0.0	0.0
Ot	ONITA SILT LOAM, MOIST	95	133	225	9	15	49	82	40	73	96	64	2,364	2.3	3.6
Pg	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pm	PLATTE LOAM	55	77	130	5	9	29	48	23	42	56	37	1,369	1.3	2.1
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	71	99	168	7	11	37	62	30	54	72	48	1,767	1.7	2.7
PrB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	68	95	161	7	11	35	59	29	52	69	46	1,692	1.6	2.6
PrC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES	60	84	142	6	9	31	52	26	46	61	40	1,493	1.4	2.3
RaA	REE LOAM, 0 TO 3 PERCENT SLOPES	88	123	208	8	14	46	76	37	67	89	59	2,190	2.1	3.3
RaB	REE LOAM, 3 TO 6 PERCENT SLOPES	84	118	199	8	13	44	73	36	64	85	56	2,091	2.0	3.2
RaC	REE LOAM, 6 TO 9 PERCENT SLOPES	67	94	159	6	11	35	58	29	51	68	45	1,667	1.6	2.5
RbA	REE LOAM, GRAVELLY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	86	120	204	8	13	45	75	37	66	87	58	2,140	2.1	3.2
RcC	REE-TASSEL COMPLEX, 3 TO 9 PERCENT SLOPES	50	70	118	5	8	26	43	21	38	51	34	1,244	1.2	1.9
ReA	RELIANCE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	88	123	208	8	14	46	76	37	67	89	59	2,190	2.1	3.3
ReB	RELIANCE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	84	118	199	8	13	44	73	36	64	85	56	2,091	2.0	3.2
ReB2	RELIANCE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	81	113	192	8	13	42	70	35	62	82	54	2,016	2.0	3.0
ReC	RELIANCE SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	70	98	166	7	11	36	61	30	54	71	47	1,742	1.7	2.6
ReC2	RELIANCE SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES, ERODED	66	92	156	6	10	34	57	28	51	67	44	1,643	1.6	2.5
ReD	RELIANCE SILTY CLAY LOAM, 9 TO 15 PERCENT SLOPES	59	83	140	6	9	31	51	25	45	60	40	1,468	1.4	2.2
ReD2	RELIANCE SILTY CLAY LOAM, 9 TO 15 PERCENT SLOPES, ERODED	56	78	133	5	9	29	49	24	43	57	38	1,394	1.3	2.1
Rv	RIVERWASH	1	1	2	0	0	1	1	0	1	1	1	25	0.0	0.0

Gregory County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
ScE	SANSARC-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	4	6	9	0	1	2	3	2	3	4	3	100	0.1	0.2
So	SCOTT SILT LOAM	57	80	135	5	9	30	49	24	44	58	38	1,419	1.4	2.1
TrE	TASSEL-ROCK OUTCROP COMPLEX, 9 TO 30 PERCENT SLOPES	5	7	12	0	1	3	4	2	4	5	3	124	0.1	0.2
UlA	ULY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	128	216	9	14	47	79	39	70	92	61	2,265	2.2	3.4
UlB	ULY SILT LOAM, 2 TO 6 PERCENT SLOPES	85	119	201	8	13	44	74	36	65	86	57	2,115	2.0	3.2
VaC	VALENTINE LOAMY FINE SAND, 3 TO 9 PERCENT SLOPES	18	25	43	2	3	9	16	8	14	18	12	448	0.4	0.7
VaD	VALENTINE LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES	8	11	19	1	1	4	7	3	6	8	5	199	0.2	0.3
Vt	VETAL FINE SANDY LOAM	64	90	152	6	10	33	56	27	49	65	43	1,593	1.5	2.4
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wd	WENDTE SILTY CLAY	77	108	182	7	12	40	67	33	59	78	52	1,916	1.9	2.9
We	WENDTE SILTY CLAY, CHANNELED	34	48	81	3	5	18	29	14	26	34	23	846	0.8	1.3
Wh	WHITELAKE FINE SANDY LOAM	43	60	102	4	7	22	37	18	33	44	29	1,070	1.0	1.6
Wn	WITTEN SILTY CLAY	80	112	189	8	13	42	69	34	61	81	54	1,991	1.9	3.0

Haakon County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		69	135	7	15	15	46	30	40	42	33	1,323	1.3	1.5
	County Average Crop Soil Map Unit Productivity Index =	55.57													
Ab	ALBATON SILTY CLAY, DEPRESSIONAL	48	60	116	6	13	13	40	26	34	36	28	1,143	1.1	1.3
Ar	ARVADA SILT LOAM	12	15	29	2	3	3	10	6	9	9	7	286	0.3	0.3
As	ARVADA-SLICKSPOTS COMPLEX	10	12	24	1	3	3	8	5	7	8	6	238	0.2	0.3
Bc	BANKARD LOAMY SAND, HUMMOCKY	32	40	78	4	9	9	27	17	23	24	19	762	0.7	0.8
Bd	BANKARD VERY FINE SANDY LOAM	32	40	78	4	9	9	27	17	23	24	19	762	0.7	0.8
BkA	BLACKPIPE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	63	78	153	8	17	17	53	34	45	48	37	1,500	1.5	1.7
BkB	BLACKPIPE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	58	72	141	7	16	15	48	31	41	44	34	1,381	1.3	1.5
Bo	BLACKPIPE-WORTMAN COMPLEX	55	68	133	7	15	15	46	30	39	41	33	1,310	1.3	1.5
Bu	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	10	12	24	1	3	3	8	5	7	8	6	238	0.2	0.3
Bx	BULLCREEK-SLICKSPOTS COMPLEX	5	6	12	1	1	1	4	3	4	4	3	119	0.1	0.1
Ca	CANNING LOAM	59	73	143	8	16	16	49	32	42	45	35	1,405	1.4	1.6
CbA	CAPA SILT LOAM, 0 TO 6 PERCENT SLOPES	13	16	32	2	4	3	11	7	9	10	8	310	0.3	0.3
Cc	CAPA-SLICKSPOTS COMPLEX	9	11	22	1	2	2	8	5	6	7	5	214	0.2	0.2
Ct	CAPA-WENDTE, CHANNELED, COMPLEX	20	25	48	3	6	5	17	11	14	15	12	476	0.5	0.5
Cv	CRAFT VERY FINE SANDY LOAM	80	99	194	10	22	21	67	43	57	60	47	1,905	1.9	2.1
Eg	EGAS SILTY CLAY LOAM	10	12	24	1	3	3	8	5	7	8	6	238	0.2	0.3
Ha	HAVERSON SILT LOAM	78	97	189	10	22	21	65	42	55	59	46	1,857	1.8	2.1
Hb	HAVERSON SILT LOAM, CHANNELED	29	36	70	4	8	8	24	16	21	22	17	691	0.7	0.8
Hc	HAVERSON-CRAFT COMPLEX	80	99	194	10	22	21	67	43	57	60	47	1,905	1.9	2.1
Ho	HILMOE SILTY CLAY	71	88	172	9	20	19	59	38	50	54	42	1,691	1.7	1.9
HpB	HISLE SILT LOAM, 0 TO 6 PERCENT SLOPES	12	15	29	2	3	3	10	6	9	9	7	286	0.3	0.3
Hv	HOVEN SILT LOAM	10	12	24	1	3	3	8	5	7	8	6	238	0.2	0.3
KeA	KIRLEY CLAY LOAM, 0 TO 2 PERCENT SLOPES	84	104	204	11	23	22	70	45	60	63	50	2,000	2.0	2.2
KeB	KIRLEY CLAY LOAM, 2 TO 6 PERCENT SLOPES	81	101	196	10	22	22	68	44	58	61	48	1,929	1.9	2.1
KeD	KIRLEY CLAY LOAM, 6 TO 15 PERCENT SLOPES	53	66	128	7	15	14	44	29	38	40	31	1,262	1.2	1.4
KfB	KIRLEY-CANNING COMPLEX, 2 TO 6 PERCENT SLOPES	68	84	165	9	19	18	57	37	48	51	40	1,619	1.6	1.8
KhA	KIRLEY-MOSHER COMPLEX, 0 TO 2 PERCENT SLOPES	66	82	160	8	18	18	55	36	47	50	39	1,572	1.5	1.7
KhB	KIRLEY-MOSHER COMPLEX, 2 TO 6 PERCENT SLOPES	61	76	148	8	17	16	51	33	43	46	36	1,453	1.4	1.6
KmA	KIRLEY-OTTUMWA COMPLEX, 0 TO 2 PERCENT SLOPES	76	94	184	10	21	20	64	41	54	57	45	1,810	1.8	2.0
KmB	KIRLEY-OTTUMWA COMPLEX, 2 TO 6 PERCENT SLOPES	68	84	165	9	19	18	57	37	48	51	40	1,619	1.6	1.8
KmC	KIRLEY-OTTUMWA COMPLEX, 6 TO 9 PERCENT SLOPES	55	68	133	7	15	15	46	30	39	41	33	1,310	1.3	1.5
KnD	KIRLEY-VIVIAN COMPLEX, 6 TO 15 PERCENT SLOPES	37	46	90	5	10	10	31	20	26	28	22	881	0.9	1.0
Ko	KOLLS CLAY	27	34	65	3	7	7	23	15	19	20	16	643	0.6	0.7
KyA	KYLE CLAY, 0 TO 3 PERCENT SLOPES	61	76	148	8	17	16	51	33	43	46	36	1,453	1.4	1.6
KyB	KYLE CLAY, 3 TO 6 PERCENT SLOPES	52	65	126	7	14	14	43	28	37	39	31	1,238	1.2	1.4
LaB	LAKOMA SILTY CLAY, 3 TO 6 PERCENT SLOPES	54	67	131	7	15	14	45	29	38	41	32	1,286	1.3	1.4
LaC	LAKOMA SILTY CLAY, 6 TO 9 PERCENT SLOPES	46	57	111	6	13	12	38	25	33	35	27	1,095	1.1	1.2

Haakon County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LaD	LAKOMA SILTY CLAY, 6 TO 15 PERCENT SLOPES	34	42	82	4	9	9	28	18	24	26	20	810	0.8	0.9
LbE	LAKOMA-VIVIAN COMPLEX, 9 TO 25 PERCENT SLOPES	28	35	68	4	8	7	23	15	20	21	17	667	0.7	0.7
Lo	LOHMILLER SILTY CLAY	74	92	179	9	20	20	62	40	53	56	44	1,762	1.7	2.0
Lp	LOHMILLER SILTY CLAY, CHANNELED	30	37	73	4	8	8	25	16	21	23	18	714	0.7	0.8
Lv	LOHMILLER-ARVADA COMPLEX	49	61	119	6	14	13	41	26	35	37	29	1,167	1.1	1.3
MaE	MIDWAY SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	2	2	71	0.1	0.1
Mo	MOSHER SILT LOAM	32	40	78	4	9	9	27	17	23	24	19	762	0.7	0.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Nb	NIMBRO SILTY CLAY LOAM	81	101	196	10	22	22	68	44	58	61	48	1,929	1.9	2.1
Nc	NIMBRO SILTY CLAY LOAM, CHANNELED	30	37	73	4	8	8	25	16	21	23	18	714	0.7	0.8
NuA	NUNN LOAM, 0 TO 2 PERCENT SLOPES	82	102	199	10	23	22	69	44	58	62	49	1,953	1.9	2.2
NuB	NUNN LOAM, 2 TO 6 PERCENT SLOPES	72	89	174	9	20	19	60	39	51	54	43	1,715	1.7	1.9
NuC	NUNN LOAM, 6 TO 9 PERCENT SLOPES	60	75	145	8	17	16	50	32	43	45	36	1,429	1.4	1.6
NxD	NUNN-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	34	42	82	4	9	9	28	18	24	26	20	810	0.8	0.9
ObE	OKATON-LAKOMA SILTY CLAYS, 15 TO 40 PERCENT SLOPES	9	11	22	1	2	2	8	5	6	7	5	214	0.2	0.2
Oc	ONITA SILT LOAM	94	117	228	12	26	25	79	51	67	71	56	2,238	2.2	2.5
OdB	OPAL CLAY, 3 TO 6 PERCENT SLOPES	54	67	131	7	15	14	45	29	38	41	32	1,286	1.3	1.4
OdC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	46	57	111	6	13	12	38	25	33	35	27	1,095	1.1	1.2
OdD	OPAL CLAY, 6 TO 15 PERCENT SLOPES	35	43	85	4	10	9	29	19	25	26	21	833	0.8	0.9
OeB	OPAL-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES	57	71	138	7	16	15	48	31	41	43	34	1,357	1.3	1.5
OeC	OPAL-PROMISE CLAYS, 6 TO 9 PERCENT SLOPES	48	60	116	6	13	13	40	26	34	36	28	1,143	1.1	1.3
Of	ORTHENTS, CLAYEY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Og	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OtA	OTTUMWA SILTY CLAY, 0 TO 3 PERCENT SLOPES	61	76	148	8	17	16	51	33	43	46	36	1,453	1.4	1.6
OtB	OTTUMWA SILTY CLAY, 3 TO 6 PERCENT SLOPES	57	71	138	7	16	15	48	31	41	43	34	1,357	1.3	1.5
OvA	OTTUMWA-CAPA COMPLEX, 0 TO 3 PERCENT SLOPES	46	57	111	6	13	12	38	25	33	35	27	1,095	1.1	1.2
OwB	OTTUMWA-LAKOMA SILTY CLAYS, 3 TO 6 PERCENT SLOPES	58	72	141	7	16	15	48	31	41	44	34	1,381	1.3	1.5
OwC	OTTUMWA-LAKOMA SILTY CLAYS, 6 TO 9 PERCENT SLOPES	44	55	107	6	12	12	37	24	31	33	26	1,048	1.0	1.2
OxC	OTTUMWA-RAZOR SILTY CLAYS, 6 TO 9 PERCENT SLOPES	44	55	107	6	12	12	37	24	31	33	26	1,048	1.0	1.2
OyC	OTTUMWA-RAZOR-SAVO COMPLEX, 6 TO 15 PERCENT SLOPES	49	61	119	6	14	13	41	26	35	37	29	1,167	1.1	1.3
PeC	PIERRE CLAY, 6 TO 9 PERCENT SLOPES	42	52	102	5	12	11	35	23	30	32	25	1,000	1.0	1.1
PeD	PIERRE CLAY, 6 TO 15 PERCENT SLOPES	31	39	75	4	9	8	26	17	22	23	18	738	0.7	0.8
PkE	PIERRE-SAMSIL CLAYS, 15 TO 25 PERCENT SLOPES	8	10	19	1	2	2	7	4	6	6	5	191	0.2	0.2
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	69	86	167	9	19	18	58	37	49	52	41	1,643	1.6	1.8
PrB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	64	80	155	8	18	17	54	34	45	48	38	1,524	1.5	1.7
RaB	RAZOR SILTY CLAY, 2 TO 6 PERCENT SLOPES	56	70	136	7	15	15	47	30	40	42	33	1,334	1.3	1.5
RaC	RAZOR SILTY CLAY, 6 TO 9 PERCENT SLOPES	48	60	116	6	13	13	40	26	34	36	28	1,143	1.1	1.3
RbD	RAZOR-MIDWAY COMPLEX, 6 TO 15 PERCENT SLOPES	33	41	80	4	9	9	28	18	23	25	20	786	0.8	0.9
RdD	RAZOR-SHINGLE COMPLEX, 6 TO 15 PERCENT SLOPES	21	26	51	3	6	6	18	11	15	16	12	500	0.5	0.6
ReA	REE LOAM, 0 TO 2 PERCENT SLOPES	85	106	206	11	23	23	71	46	60	64	50	2,024	2.0	2.2

Haakon County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
ReB	REE LOAM, 2 TO 6 PERCENT SLOPES	78	97	189	10	22	21	65	42	55	59	46	1,857	1.8	2.1
RfB	REE-CANNING LOAMS, 2 TO 6 PERCENT SLOPES	66	82	160	8	18	18	55	36	47	50	39	1,572	1.5	1.7
RfC	REE-CANNING LOAMS, 6 TO 9 PERCENT SLOPES	49	61	119	6	14	13	41	26	35	37	29	1,167	1.1	1.3
Rh	REE-HOVEN COMPLEX	74	92	179	9	20	20	62	40	53	56	44	1,762	1.7	2.0
RkD	REE-VIVIAN COMPLEX, 6 TO 15 PERCENT SLOPES	45	56	109	6	12	12	38	24	32	34	27	1,072	1.0	1.2
Rv	RIVERWASH	8	10	19	1	2	2	7	4	6	6	5	191	0.2	0.2
SbF	SAMSIL CLAY, 25 TO 60 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	2	2	71	0.1	0.1
ScF	SAMSIL-NIHILL COMPLEX, 6 TO 40 PERCENT SLOPES	7	9	17	1	2	2	6	4	5	5	4	167	0.2	0.2
SdF	SAMSIL-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	2	2	71	0.1	0.1
SoE	SANSARC-0PAL CLAYS, 9 TO 40 PERCENT SLOPES	6	7	15	1	2	2	5	3	4	5	4	143	0.1	0.2
SrA	SAVO SILT LOAM, 0 TO 2 PERCENT SLOPES	86	107	208	11	24	23	72	46	61	65	51	2,048	2.0	2.3
SrB	SAVO SILT LOAM, 2 TO 6 PERCENT SLOPES	79	98	191	10	22	21	66	43	56	60	47	1,881	1.8	2.1
SrC	SAVO SILT LOAM, 6 TO 9 PERCENT SLOPES	65	81	158	8	18	17	54	35	46	49	38	1,548	1.5	1.7
StF	SCHAMBER-SAMSIL COMPLEX, 6 TO 60 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	2	2	71	0.1	0.1
SuE	SHINGLE SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	2	2	71	0.1	0.1
SwE	SHINGLE-RAZOR COMPLEX, 15 TO 25 PERCENT SLOPES	5	6	12	1	1	1	4	3	4	4	3	119	0.1	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wc	WENDTE SILTY CLAY	75	93	182	10	21	20	63	40	53	57	44	1,786	1.7	2.0
Wd	WENDTE-HERDCAMP SILTY CLAYS, CHANNELED	28	35	68	4	8	7	23	15	20	21	17	667	0.7	0.7
WsE	WENDTE, CHANNELED-SANSARC COMPLEX, 0 TO 60 PERCENT SLOPES	19	24	46	2	5	5	16	10	14	14	11	452	0.4	0.5
Ww	WORTMAN-WANBLEE SILT LOAMS, 0 TO 2 PERCENT SLOPES	30	37	73	4	8	8	25	16	21	23	18	714	0.7	0.8

Hamlin County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		145	156	13	13	39		47	64	94	58		1.7	3.2
	County Average Crop Soil Map Unit Productivity Index =	74.98													
ArA	ARVILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	28	54	58	5	5	14		18	24	35	22		0.6	1.2
Ba	BADGER SILTY CLAY LOAM	80	155	166	14	14	41		51	68	100	62		1.9	3.4
BaB	BARNES CLAY LOAM, 2 TO 6 PERCENT SLOPES	81	157	169	14	14	42		51	69	102	63		1.9	3.4
BbB	BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	76	147	158	13	13	39		48	65	95	59		1.8	3.2
BbC	BARNES-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	61	118	127	10	10	31		39	52	76	47		1.4	2.6
BcD	BARNES-BUSE-SVEA LOAMS, 2 TO 15 PERCENT SLOPES	49	95	102	8	8	25		31	42	61	38		1.1	2.1
BnA	BARNES-VIENNA COMPLEX, 0 TO 2 PERCENT SLOPES	85	165	177	14	14	44		54	73	107	66		2.0	3.6
BrA	BRANDT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	84	163	175	14	14	43		53	72	105	65		1.9	3.6
BrB	BRANDT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	77	149	160	13	13	40		49	66	97	60		1.8	3.3
Bs	BROOKINGS SILTY CLAY LOAM	96	186	200	16	16	49		61	82	120	74		2.2	4.1
BtD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	34	66	71	6	6	17		21	29	43	26		0.8	1.4
BuC	BUSE-BARNES LOAMS, 2 TO 15 PERCENT SLOPES, VERY STONY	10	19	21	2	2	5		6	9	13	8		0.2	0.4
BuE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	5	10	10	1	1	3		3	4	6	4		0.1	0.2
BvD	BUSE-LAMOURE, CHANNELED, COMPLEX, 0 TO 40 PERCENT SLOPES	20	39	42	3	3	10		13	17	25	15		0.5	0.8
BxE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	14	27	29	2	2	7		9	12	18	11		0.3	0.6
ByC	BUSE-POINSETT COMPLEX, 6 TO 9 PERCENT SLOPES	66	128	137	11	11	34		42	56	83	51		1.5	2.8
ByD	BUSE-POINSETT COMPLEX, 9 TO 15 PERCENT SLOPES	50	97	104	8	8	26		32	43	63	39		1.2	2.1
Ca	CASTLEWOOD SILTY CLAY	62	120	129	11	11	32		39	53	78	48		1.4	2.6
Co	COLVIN-OLDHAM SILTY CLAY LOAMS	41	79	85	7	7	21		26	35	51	32		1.0	1.7
Cu	CUBDEN-BADGER SILTY CLAY LOAMS	81	157	169	14	14	42		51	69	102	63		1.9	3.4
Cx	CUBDEN-TONKA SILTY CLAY LOAMS	75	145	156	13	13	39		47	64	94	58		1.7	3.2
Dv	DIVIDE LOAM	56	109	117	10	9	29		35	48	70	43		1.3	2.4
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	55	107	114	9	9	28		35	47	69	43		1.3	2.3
EmC	EGELAND-MADDOCK SANDY LOAMS, 6 TO 9 PERCENT SLOPES	36	70	75	6	6	19		23	31	45	28		0.8	1.5
EsA	ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	66	128	137	11	11	34		42	56	83	51		1.5	2.8
EsB	ESTELLINE SILT LOAM, 2 TO 6 PERCENT SLOPES	58	112	121	10	10	30		37	50	73	45		1.3	2.5
Fa	FAIRDALE LOAM, CHANNELED	31	60	65	5	5	16		20	26	39	24		0.7	1.3
FdA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	58	112	121	10	10	30		37	50	73	45		1.3	2.5
FoB	FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	47	91	98	8	8	24		30	40	59	36		1.1	2.0
HeA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	173	185	15	15	46		56	76	112	69		2.1	3.8
HeB	HETLAND SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	83	161	173	14	14	43		52	71	104	64		1.9	3.5
KrA	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	180	194	16	16	48		59	79	117	72		2.2	3.9
KrB	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	88	171	183	15	15	45		56	75	110	68		2.0	3.7
La	LA PRAIRIE LOAM	85	165	177	14	14	44		54	73	107	66		2.0	3.6
Ld	LADELLE SILT LOAM	85	165	177	14	14	44		54	73	107	66		2.0	3.6
Lm	LAMOURE SILTY CLAY LOAM	70	136	146	12	12	36		44	60	88	54		1.6	3.0
Lr	LAMOURE-RAUVILLE SILTY CLAY LOAMS, CHANNELED	32	62	67	5	5	16		20	27	40	25		0.7	1.4

Hamlin County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Lw	LOWE LOAM	56	109	117	10	9	29		35	48	70	43		1.3	2.4
Ma	MARYSLAND LOAM	46	89	96	8	8	24		29	39	58	36		1.1	1.9
MbA	MAUVAIS CLAY LOAM, 0 TO 2 PERCENT SLOPES	41	79	85	7	7	21		26	35	51	32		1.0	1.7
Mc	MCINTOSH-BADGER SILTY CLAY LOAMS	82	159	171	14	14	42		52	70	103	63		1.9	3.5
Mn	MINNEWAUKAN LOAMY SAND	39	76	81	7	7	20		25	33	49	30		0.9	1.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Mz	MORITZ-LAMOURE COMPLEX	73	142	152	12	12	38		46	62	92	56		1.7	3.1
Oh	OLDHAM SILTY CLAY LOAM	30	58	62	5	5	15		19	26	38	23		0.7	1.3
Or	ORTHENTS, GRAVELLY	8	16	17	1	1	4		5	7	10	6		0.2	0.3
Pa	PARNELL SILTY CLAY LOAM	34	66	71	6	6	17		21	29	43	26		0.8	1.4
Pm	PLAYMOOR SILTY CLAY LOAM	34	66	71	6	6	17		21	29	43	26		0.8	1.4
PoB	POINSETT-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES	80	155	166	14	14	41		51	68	100	62		1.9	3.4
PsB	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	82	159	171	14	14	42		52	70	103	63		1.9	3.5
PsC	POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	72	140	150	12	12	37		46	61	90	56		1.7	3.0
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	180	194	16	16	48		59	79	117	72		2.2	3.9
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	87	169	181	15	15	45		55	74	109	67		2.0	3.7
Ra	RAUVILLE SILTY CLAY LOAM	29	56	60	5	5	15		18	25	36	22		0.7	1.2
ReA	RENSHAW LOAM, 0 TO 2 PERCENT SLOPES	42	81	87	7	7	22		27	36	53	32		1.0	1.8
ReB	RENSHAW LOAM, 2 TO 6 PERCENT SLOPES	38	74	79	6	6	20		24	32	48	29		0.9	1.6
RnC	RENSHAW-BRANDT COMPLEX, 3 TO 9 PERCENT SLOPES	51	99	106	9	9	26		32	44	64	39		1.2	2.2
RsC	RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	26	50	54	4	4	13		16	22	33	20		0.6	1.1
SaD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	19	37	40	3	3	10		12	16	24	15		0.4	0.8
So	SOUTHAM SILTY CLAY LOAM	11	21	23	2	2	6		7	9	14	9		0.3	0.5
Sp	SPOTTSWOOD LOAM	73	142	152	12	12	38		46	62	92	56		1.7	3.1
StB	STRAYHOSS LOAM, 2 TO 6 PERCENT SLOPES	69	134	144	12	12	36		44	59	87	53		1.6	2.9
To	TONKA SILTY CLAY LOAM	58	112	121	10	10	30		37	50	73	45		1.3	2.5
VbA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	89	173	185	15	15	46		56	76	112	69		2.1	3.8
VbB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	83	161	173	14	14	43		52	71	104	64		1.9	3.5
VnC	VIENNA-BUSE COMPLEX, 6 TO 9 PERCENT SLOPES	65	126	135	11	11	33		41	55	82	50		1.5	2.8
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAUBAY SILTY CLAY LOAM	97	188	202	16	16	50		61	83	122	75		2.2	4.1

Hand County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		109	165	9	14	34	67	47	58	61	44	1,768	1.7	2.6
	County Average Crop Soil Map Unit Productivity Index =	71.94													
Ag	HIGHMORE SILT LOAM	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
BcA	PROSPER-STICKNEY LOAMS, NEARLY LEVEL	84	127	193	10	16	40	78	55	67	72	51	2,064	2.0	3.1
BhA	PROSPER-HOUDEK LOAMS, NEARLY LEVEL	86	130	198	10	16	41	80	56	69	73	53	2,114	2.0	3.1
CaA	DUDLEY SILT LOAM, NEARLY LEVEL	37	56	85	4	7	18	34	24	30	32	23	909	0.9	1.3
CcA	DUDLEY-STICKNEY SILT LOAMS, NEARLY LEVEL	55	83	126	7	10	26	51	36	44	47	34	1,352	1.3	2.0
CeA	DEGREY-EAKIN SILT LOAMS, NEARLY LEVEL	58	88	133	7	11	28	54	38	47	49	35	1,425	1.4	2.1
ChA	DUDLEY-HOUDEK LOAMS, NEARLY LEVEL	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
ChB	DUDLEY-HOUDEK LOAMS, UNDULATING	52	79	120	6	10	25	48	34	42	44	32	1,278	1.2	1.9
CmA	CAVO-RABER SILT LOAMS, NEARLY LEVEL	52	79	120	6	10	25	48	34	42	44	32	1,278	1.2	1.9
CnA	CAVO-GLENHAM LOAMS, NEARLY LEVEL	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
CrA	STICKNEY-PROSPER LOAMS, NEARLY LEVEL	73	110	168	9	14	35	68	48	59	62	45	1,794	1.7	2.7
CsA	STICKNEY-DUDLEY SILT LOAMS, NEARLY LEVEL	56	85	129	7	11	27	52	37	45	48	34	1,376	1.3	2.0
EaA	EAKIN SILT LOAM, NEARLY LEVEL	89	134	205	11	17	43	82	58	71	76	54	2,187	2.1	3.2
EaB	EAKIN SILT LOAM, UNDULATING	83	125	191	10	16	40	77	54	67	71	51	2,040	2.0	3.0
EcA	EAKIN-DEGREY SILT LOAMS, NEARLY LEVEL	69	104	159	8	13	33	64	45	55	59	42	1,696	1.6	2.5
EcB	EAKIN-DEGREY SILT LOAMS, UNDULATING	64	97	147	8	12	31	59	42	51	55	39	1,573	1.5	2.3
EmA	EAKIN-JERAULD SILT LOAMS, NEARLY LEVEL	60	91	138	7	11	29	56	39	48	51	37	1,475	1.4	2.2
EmB	EAKIN-JERAULD SILT LOAMS, UNDULATING	62	94	143	7	12	30	57	40	50	53	38	1,524	1.5	2.3
ErA	EAKIN-RABER COMPLEX, NEARLY LEVEL	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
ErB	EAKIN-RABER COMPLEX, UNDULATING	80	121	184	10	15	38	74	52	64	68	49	1,966	1.9	2.9
EsA	JERAULD SILTY CLAY, LEVEL	9	14	21	1	2	4	8	6	7	8	6	221	0.2	0.3
EtA	DURRSTEIN SILTY CLAY LOAM, NEARLY LEVEL	30	45	69	4	6	14	28	20	24	26	18	737	0.7	1.1
EvA	JERAULD-LANE SILTY CLAY LOAMS, NEARLY LEVEL	41	62	94	5	8	20	38	27	33	35	25	1,008	1.0	1.5
ExA	JERAULD-LANE SILTY CLAYS, LEVEL	41	62	94	5	8	20	38	27	33	35	25	1,008	1.0	1.5
GaA	DAVIS SILT LOAM, NEARLY LEVEL	93	141	214	11	18	45	86	61	75	79	57	2,286	2.2	3.4
GaB	DAVIS SILT LOAM, GENTLY SLOPING	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
Gp	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
HaA	DAVISON LOAM, NEARLY LEVEL	78	118	179	9	15	37	72	51	63	67	48	1,917	1.9	2.8
HbA	HAND LOAM, NEARLY LEVEL	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
HbB	HAND LOAM, UNDULATING	82	124	189	10	15	39	76	54	66	70	50	2,015	2.0	3.0
HcA	DURRSTEIN SILT LOAM, NEARLY LEVEL	13	20	30	2	2	6	12	8	10	11	8	319	0.3	0.5
HdA	DURRSTEIN-BON COMPLEX, NEARLY LEVEL	42	63	97	5	8	20	39	27	34	36	26	1,032	1.0	1.5
HeA	DURRSTEIN-LANE SILTY CLAY LOAMS, NEARLY LEVEL	39	59	90	5	7	19	36	25	31	33	24	958	0.9	1.4
Hg	TALMO GRAVELLY LOAM	10	15	23	1	2	5	9	7	8	9	6	246	0.2	0.4
HhA	HOUDEK LOAM, NEARLY LEVEL	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
HhB	HOUDEK LOAM, UNDULATING	82	124	189	10	15	39	76	54	66	70	50	2,015	2.0	3.0
HhC	HOUDEK LOAM, ROLLING	64	97	147	8	12	31	59	42	51	55	39	1,573	1.5	2.3

Hand County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HkA	HOUDEK-PROSPER LOAMS, NEARLY LEVEL	85	128	195	10	16	41	79	56	68	72	52	2,089	2.0	3.1
HkB	HOUDEK-PROSPER LOAMS, UNDULATING	80	121	184	10	15	38	74	52	64	68	49	1,966	1.9	2.9
HlA	HOUDEK-DUDLEY LOAMS, NEARLY LEVEL	64	97	147	8	12	31	59	42	51	55	39	1,573	1.5	2.3
HlB	HOUDEK-DUDLEY LOAMS, UNDULATING	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
HmA	HOUDEK-JERAULD COMPLEX, NEARLY LEVEL	58	88	133	7	11	28	54	38	47	49	35	1,425	1.4	2.1
HmB	HOUDEK-JERAULD COMPLEX, UNDULATING	58	88	133	7	11	28	54	38	47	49	35	1,425	1.4	2.1
HsB	HOUDEK-DELMONT LOAMS, UNDULATING	68	103	156	8	13	33	63	44	55	58	42	1,671	1.6	2.5
HsC	HOUDEK-DELMONT LOAMS, ROLLING	54	82	124	6	10	26	50	35	43	46	33	1,327	1.3	2.0
HsD	HOUDEK-TALMO COMPLEX, HILLY	35	53	80	4	7	17	32	23	28	30	21	860	0.8	1.3
HtD	HOUDEK-ETHAN LOAMS, ROLLING	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
HuD	HOUDEK-ETHAN LOAMS, ROLLING	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
Hv	HOVEN SILTY CLAY LOAM	10	15	23	1	2	5	9	7	8	9	6	246	0.2	0.4
HyA	HURLEY-PROMISE SILTY CLAYS, NEARLY LEVEL	35	53	80	4	7	17	32	23	28	30	21	860	0.8	1.3
LaA	DAVIS LOAM, NEARLY LEVEL	92	139	212	11	17	44	85	60	74	78	56	2,261	2.2	3.3
LbA	BON SILT LOAM, NEARLY LEVEL	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
LcA	BON SILT LOAM, NEARLY LEVEL	87	131	200	10	16	42	81	57	70	74	53	2,138	2.1	3.2
LdA	DAVIS SILT LOAM, FANS, NEARLY LEVEL	92	139	212	11	17	44	85	60	74	78	56	2,261	2.2	3.3
LeA	BON-NORTHVILLE COMPLEX, NEARLY LEVEL	91	137	209	11	17	44	84	59	73	78	56	2,236	2.2	3.3
LlA	BON-LAMO SILT LOAMS, NEARLY LEVEL	85	128	195	10	16	41	79	56	68	72	52	2,089	2.0	3.1
LmA	LAMO SILTY CLAY LOAM, NEARLY LEVEL	69	104	159	8	13	33	64	45	55	59	42	1,696	1.6	2.5
LnB	LANE LOAM, GENTLY SLOPING	84	127	193	10	16	40	78	55	67	72	51	2,064	2.0	3.1
LoA	LANE SILTY CLAY, NEARLY LEVEL	89	134	205	11	17	43	82	58	71	76	54	2,187	2.1	3.2
LpA	LANE-JERAULD SILTY CLAY LOAMS, NEARLY LEVEL	65	98	149	8	12	31	60	42	52	55	40	1,597	1.5	2.4
LrA	LANE-JERAULD SILTY CLAYS, LEVEL	65	98	149	8	12	31	60	42	52	55	40	1,597	1.5	2.4
LsA	LANE-DURRSTEIN SILTY CLAY LOAMS, NEARLY LEVEL	56	85	129	7	11	27	52	37	45	48	34	1,376	1.3	2.0
LtD	SANSARC-OPAL SILTY CLAYS, HILLY	24	36	55	3	5	12	22	16	19	20	15	590	0.6	0.9
Ma	DOGER LOAMY SAND	30	45	69	4	6	14	28	20	24	26	18	737	0.7	1.1
McA	HOVEN SILTY CLAY LOAM	10	15	23	1	2	5	9	7	8	9	6	246	0.2	0.4
MdA	JERAULD SILT LOAM, NEARLY LEVEL	17	26	39	2	3	8	16	11	14	14	10	418	0.4	0.6
MeA	JERAULD-EAKIN SILT LOAM, NEARLY LEVEL	39	59	90	5	7	19	36	25	31	33	24	958	0.9	1.4
MhA	JERAULD-HOUDEK COMPLEX, NEARLY LEVEL	43	65	99	5	8	21	40	28	35	37	26	1,057	1.0	1.6
MhB	JERAULD-HOUDEK COMPLEX, UNDULATING	40	60	92	5	8	19	37	26	32	34	24	983	1.0	1.5
MrA	JERAULD-RABER COMPLEX, NEARLY LEVEL	41	62	94	5	8	20	38	27	33	35	25	1,008	1.0	1.5
MrB	JERAULD-RABER COMPLEX, UNDULATING	35	53	80	4	7	17	32	23	28	30	21	860	0.8	1.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
MwA	JERAULD-GLENHAM COMPLEX, NEARLY LEVEL	43	65	99	5	8	21	40	28	35	37	26	1,057	1.0	1.6
MyB	MONDAMIN SILTY CLAY LOAM, GENTLY SLOPING	72	109	166	9	14	35	67	47	58	61	44	1,769	1.7	2.6
OaA	OAHE LOAM, NEARLY LEVEL	55	83	126	7	10	26	51	36	44	47	34	1,352	1.3	2.0
OaB	OAHE LOAM, UNDULATING	49	74	113	6	9	23	45	32	39	42	30	1,204	1.2	1.8
OhA	OAHE-DELMONT LOAMS, NEARLY LEVEL	50	76	115	6	9	24	46	33	40	43	31	1,229	1.2	1.8

Hand County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
OhB	OAHE-DELMONT LOAMS, UNDULATING	45	68	103	5	8	22	42	29	36	38	28	1,106	1.1	1.6
OrA	PROMISE SILTY CLAY, NEARLY LEVEL	75	113	172	9	14	36	69	49	60	64	46	1,843	1.8	2.7
OrB	PROMISE SILTY CLAY, GENTLY SLOPING	70	106	161	8	13	34	65	46	56	60	43	1,720	1.7	2.5
PrB	PROMISE SILTY CLAY, GENTLY SLOPING	70	106	161	8	13	34	65	46	56	60	43	1,720	1.7	2.5
PrC	PROMISE SILTY CLAY, SLOPING	60	91	138	7	11	29	56	39	48	51	37	1,475	1.4	2.2
PrD	PROMISE SILTY CLAY, MODERATELY STEEP	50	76	115	6	9	24	46	33	40	43	31	1,229	1.2	1.8
RaA	RABER LOAM, NEARLY LEVEL	77	116	177	9	15	37	71	50	62	66	47	1,892	1.8	2.8
RaB	RABER LOAM, UNDULATING	68	103	156	8	13	33	63	44	55	58	42	1,671	1.6	2.5
RaC	RABER LOAM, ROLLING	54	82	124	6	10	26	50	35	43	46	33	1,327	1.3	2.0
RcA	RABER-CAVO LOAMS, NEARLY LEVEL	61	92	140	7	12	29	56	40	49	52	37	1,499	1.5	2.2
RcB	RABER-CAVO LOAMS, UNDULATING	57	86	131	7	11	27	53	37	46	49	35	1,401	1.4	2.1
ReA	RABER-EAKIN COMPLEX, NEARLY LEVEL	79	119	182	9	15	38	73	52	63	67	48	1,942	1.9	2.9
ReB	RABER-EAKIN COMPLEX, UNDULATING	67	101	154	8	13	32	62	44	54	57	41	1,647	1.6	2.4
ReC	RABER-EAKIN COMPLEX, ROLLING	60	91	138	7	11	29	56	39	48	51	37	1,475	1.4	2.2
RmA	RABER-JERAULD COMPLEX, NEARLY LEVEL	54	82	124	6	10	26	50	35	43	46	33	1,327	1.3	2.0
RmB	RABER-JERAULD COMPLEX, UNDULATING	54	82	124	6	10	26	50	35	43	46	33	1,327	1.3	2.0
RpC	RABER-PENO LOAMS, ROLLING	51	77	117	6	10	24	47	33	41	43	31	1,253	1.2	1.9
RrC	RABER-PENO LOAMS, ROLLING	53	80	122	6	10	25	49	35	43	45	32	1,303	1.3	1.9
Rs	TALMO GRAVELLY SANDY LOAM	10	15	23	1	2	5	9	7	8	9	6	246	0.2	0.4
Ru	BETTS LOAM	18	27	41	2	3	9	17	12	14	15	11	442	0.4	0.7
Sa	EGAS SILTY CLAY LOAM	5	8	11	1	1	2	5	3	4	4	3	123	0.1	0.2
Sm	DELMONT LOAM	38	57	87	5	7	18	35	25	31	32	23	934	0.9	1.4
So	DELMONT-OAHE LOAMS	42	63	97	5	8	20	39	27	34	36	26	1,032	1.0	1.5
Sw	DELMONT-ENET LOAMS	44	66	101	5	8	21	41	29	35	38	27	1,081	1.0	1.6
SxA	DIMO LOAM, NEARLY LEVEL	75	113	172	9	14	36	69	49	60	64	46	1,843	1.8	2.7
SyA	DIMO LOAM, NEARLY LEVEL	75	113	172	9	14	36	69	49	60	64	46	1,843	1.8	2.7
Tp	WORTHING SILT LOAM, POORLY DRAINED	29	44	67	3	5	14	27	19	23	25	18	713	0.7	1.1
Tw	TETONKA SILT LOAM	57	86	131	7	11	27	53	37	46	49	35	1,401	1.4	2.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WeA	ENET LOAM, NEARLY LEVEL	60	91	138	7	11	29	56	39	48	51	37	1,475	1.4	2.2
WeB	ENET LOAM, UNDULATING	54	82	124	6	10	26	50	35	43	46	33	1,327	1.3	2.0
WgA	ENET-DELMONT LOAMS, NEARLY LEVEL	53	80	122	6	10	25	49	35	43	45	32	1,303	1.3	1.9
WgB	ENET-DELMONT LOAMS, UNDULATING	48	73	110	6	9	23	44	31	39	41	29	1,180	1.1	1.7
WmB	GLENHAM LOAM, UNDULATING	82	124	189	10	15	39	76	54	66	70	50	2,015	2.0	3.0
WmC	GLENHAM LOAM, ROLLING	64	97	147	8	12	31	59	42	51	55	39	1,573	1.5	2.3
WnA	GLENHAM-PROSPER LOAMS, NEARLY LEVEL	90	136	207	11	17	43	83	59	72	77	55	2,212	2.1	3.3
WnB	GLENHAM-PROSPER LOAMS, UNDULATING	84	127	193	10	16	40	78	55	67	72	51	2,064	2.0	3.1
Wo	WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	29	44	67	3	5	14	27	19	23	25	18	713	0.7	1.1
Wp	WORTHING SILTY CLAY LOAM, PONDED, 0 TO 1 PERCENT SLOPES	5	8	11	1	1	2	5	3	4	4	3	123	0.1	0.2
WpA	GLENHAM-CAVO LOAMS, NEARLY LEVEL	63	95	145	8	12	30	58	41	51	54	39	1,548	1.5	2.3

Hand County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WpB	GLENHAM-CAVO LOAMS, UNDULATING	58	88	133	7	11	28	54	38	47	49	35	1,425	1.4	2.1
WrA	GLENHAM-EAKIN COMPLEX, UNDULATING	83	125	191	10	16	40	77	54	67	71	51	2,040	2.0	3.0
WsA	GLENHAM-JERAULD COMPLEX, NEARLY LEVEL	59	89	136	7	11	28	55	39	47	50	36	1,450	1.4	2.1
WsB	GLENHAM-JERAULD COMPLEX, UNDULATING	63	95	145	8	12	30	58	41	51	54	39	1,548	1.5	2.3
WuB	GLENHAM-DELMONT LOAMS, UNDULATING	66	100	152	8	12	32	61	43	53	56	40	1,622	1.6	2.4
WuC	GLENHAM-DELMONT LOAMS, ROLLING	51	77	117	6	10	24	47	33	41	43	31	1,253	1.2	1.9
WuD	GLENHAM-TALMO LOAMS, HILLY	31	47	71	4	6	15	29	20	25	26	19	762	0.7	1.1
WxC	GLENHAM-JAVA LOAMS, ROLLING	57	86	131	7	11	27	53	37	46	49	35	1,401	1.4	2.1
WzC	GLENHAM-JAVA LOAMS, ROLLING	58	88	133	7	11	28	54	38	47	49	35	1,425	1.4	2.1
ZaD	ETHAN-HOUDEK LOAMS, HILLY	42	63	97	5	8	20	39	27	34	36	26	1,032	1.0	1.5
ZhD	ETHAN-HOUDEK LOAMS, HILLY	45	68	103	5	8	22	42	29	36	38	28	1,106	1.1	1.6
ZhE	BETTS-ETHAN LOAMS, STEEP	19	29	44	2	4	9	18	12	15	16	12	467	0.5	0.7
ZmD	PENO-RABER LOAMS, HILLY	45	68	103	5	8	22	42	29	36	38	28	1,106	1.1	1.6
ZmE	GETTYS-PENO COMPLEX, STEEP	22	33	51	3	4	11	20	14	18	19	13	541	0.5	0.8
ZrD	PENO-RABER LOAMS, HILLY	45	68	103	5	8	22	42	29	36	38	28	1,106	1.1	1.6
ZrE	GETTYS-PENO COMPLEX, STEEP	22	33	51	3	4	11	20	14	18	19	13	541	0.5	0.8
ZsD	BETTS-TALMO LOAMS, HILLY	20	30	46	2	4	10	19	13	16	17	12	492	0.5	0.7
ZsE	BETTS-TALMO LOAMS, STEEP	18	27	41	2	3	9	17	12	14	15	11	442	0.4	0.7
ZxD	JAVA-GLENHAM LOAMS, HILLY	41	62	94	5	8	20	38	27	33	35	25	1,008	1.0	1.5
ZxE	BETTS-JAVA LOAMS, STEEP	21	32	48	3	4	10	19	14	17	18	13	516	0.5	0.8
ZyD	JAVA-GLENHAM LOAMS, HILLY	42	63	97	5	8	20	39	27	34	36	26	1,032	1.0	1.5
ZyE	BETTS-JAVA LOAMS, STEEP	28	42	64	3	5	13	26	18	22	24	17	688	0.7	1.0

Hanson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		123	150	13	12	37		47	59	86	62		2.3	3.6
	County Average Crop Soil Map Unit Productivity Index =	76.35													
BeE	BETTS AND ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	14	23	27	2	2	7		9	11	16	11		0.4	0.7
Bo	BON LOAM	87	141	170	14	14	42		54	67	98	71		2.6	4.0
Ca	CHASKA SILT LOAM	70	113	137	12	11	34		43	54	79	57		2.1	3.3
Cb	CHASKA SILT LOAM, CHANNELED	35	57	69	6	6	17		22	27	39	28		1.0	1.6
Cc	CLAMO SILTY CLAY LOAM	62	100	121	10	10	30		38	48	70	50		1.8	2.9
CdA	CLARNO LOAM, 0 TO 3 PERCENT SLOPES	85	137	166	14	14	41		53	65	95	69		2.5	4.0
CdB	CLARNO LOAM, 3 TO 6 PERCENT SLOPES	81	131	159	13	13	39		50	62	91	66		2.4	3.8
CeA	CLARNO-DAVISON LOAMS, 0 TO 2 PERCENT SLOPES	83	134	163	14	13	40		51	64	93	67		2.4	3.9
CeB	CLARNO-DAVISON LOAMS, 2 TO 4 PERCENT SLOPES	79	128	155	13	13	38		49	61	89	64		2.3	3.7
CnC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	62	100	121	10	10	30		38	48	70	50		1.8	2.9
CsA	CLARNO-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	82	133	161	14	13	40		51	63	92	67		2.4	3.8
Ct	CROSSPLAIN-HARPS COMPLEX	82	133	161	14	13	40		51	63	92	67		2.4	3.8
DaB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	81	131	159	13	13	39		50	62	91	66		2.4	3.8
DaC	DAVIS LOAM, 6 TO 9 PERCENT SLOPES	72	116	141	12	12	35		45	55	81	58		2.1	3.3
DbA	DAVISON LOAM, 0 TO 3 PERCENT SLOPES	78	126	153	13	12	38		48	60	88	63		2.3	3.6
DcB	DAVISON-ONITA COMPLEX, 2 TO 6 PERCENT SLOPES	78	126	153	13	12	38		48	60	88	63		2.3	3.6
DeA	DELMONT LOAM, 0 TO 3 PERCENT SLOPES	43	70	84	7	7	21		27	33	48	35		1.3	2.0
DeB	DELMONT LOAM, 3 TO 6 PERCENT SLOPES	40	65	78	7	6	19		25	31	45	32		1.2	1.9
DmB	DELMONT-ROCK OUTCROP COMPLEX, 2 TO 9 PERCENT SLOPES	27	44	53	4	4	13		17	21	30	22		0.8	1.3
DnD	DELMONT-TALMO COMPLEX, 6 TO 12 PERCENT SLOPES	16	26	31	3	3	8		10	12	18	13		0.5	0.7
Do	DIMO LOAM	73	118	143	12	12	35		45	56	82	59		2.2	3.4
DsA	DUDLEY-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	58	94	114	10	9	28		36	45	65	47		1.7	2.7
Du	DURRSTEIN SILT LOAM	9	15	18	1	1	4		6	7	10	7		0.3	0.4
EaC	EGAN SILT LOAM, 6 TO 9 PERCENT SLOPES	71	115	139	12	11	34		44	55	80	58		2.1	3.3
EbC2	EGAN-BETTS COMPLEX, 3 TO 9 PERCENT SLOPES, ERODED	62	100	121	10	10	30		38	48	70	50		1.8	2.9
EgB	EGAN AND WENTWORTH SILT LOAMS, 2 TO 6 PERCENT SLOPES	83	134	163	14	13	40		51	64	93	67		2.4	3.9
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	59	95	116	10	9	29		37	45	66	48		1.7	2.7
EtB	ETHAN-BETTS LOAMS, 3 TO 6 PERCENT SLOPES	61	99	119	10	10	29		38	47	68	50		1.8	2.8
EtC2	ETHAN-BETTS LOAMS, 6 TO 9 PERCENT SLOPES, ERODED	49	79	96	8	8	24		30	38	55	40		1.4	2.3
EtD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	36	58	71	6	6	17		22	28	40	29		1.1	1.7
EuB	ETHAN-CLARNO LOAMS, 2 TO 6 PERCENT SLOPES	74	120	145	12	12	36		46	57	83	60		2.2	3.4
EuC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	59	95	116	10	9	29		37	45	66	48		1.7	2.7
EwC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	58	94	114	10	9	28		36	45	65	47		1.7	2.7
Fa	FEDORA FINE SANDY LOAM	50	81	98	8	8	24		31	38	56	41		1.5	2.3
GRAV	ORTHENTS, GRAVELLY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
HaA	HAND LOAM, 0 TO 3 PERCENT SLOPES	84	136	165	14	13	41		52	65	94	68		2.5	3.9
HaB	HAND LOAM, 3 TO 6 PERCENT SLOPES	79	128	155	13	13	38		49	61	89	64		2.3	3.7

Hanson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HaC	HAND LOAM, 6 TO 9 PERCENT SLOPES	63	102	123	10	10	30		39	48	71	51		1.9	2.9
HbC	HAND-BETTS LOAMS, 6 TO 9 PERCENT SLOPES	57	92	112	9	9	28		35	44	64	46		1.7	2.7
HcA	HAND-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	86	139	168	14	14	42		53	66	97	70		2.5	4.0
HdB	HAND-DAVISON LOAMS, 3 TO 6 PERCENT SLOPES	78	126	153	13	12	38		48	60	88	63		2.3	3.6
HmA	HENKIN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	58	94	114	10	9	28		36	45	65	47		1.7	2.7
HmB	HENKIN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	55	89	108	9	9	27		34	42	62	45		1.6	2.6
HnB	ALWILDA FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	32	52	63	5	5	15		20	25	36	26		0.9	1.5
HoC	HOMME-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	63	102	123	10	10	30		39	48	71	51		1.9	2.9
HtA	HOMME-ONITA COMPLEX, 0 TO 2 PERCENT SLOPES	89	144	174	15	14	43		55	68	100	72		2.6	4.1
HtB	HOMME-ONITA COMPLEX, 2 TO 6 PERCENT SLOPES	84	136	165	14	13	41		52	65	94	68		2.5	3.9
Ja	JAMES SILTY CLAY	30	49	59	5	5	15		19	23	34	24		0.9	1.4
La	LAMO SILTY CLAY LOAM	64	104	125	11	10	31		40	49	72	52		1.9	3.0
Lm	LAMO-WANN COMPLEX, FREQUENTLY FLOODED	48	78	94	8	8	23		30	37	54	39		1.4	2.2
Ma	WORTHING SILTY CLAY LOAM, PONDED	5	8	10	1	1	2		3	4	6	4		0.1	0.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
OaA	ONITA SILT LOAM, 0 TO 3 PERCENT SLOPES	94	152	184	15	15	45		58	72	105	76		2.8	4.4
PcA	PROSPER-CLARNO LOAMS, 0 TO 2 PERCENT SLOPES	89	144	174	15	14	43		55	68	100	72		2.6	4.1
Pr	PROSPER-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	85	137	166	14	14	41		53	65	95	69		2.5	4.0
Ps	PROSPER AND CROSSPLAIN COMPLEX	85	137	166	14	14	41		53	65	95	69		2.5	4.0
QUAR	PIT, QUARRY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
ReB	REDSTOE SILT LOAM, 0 TO 6 PERCENT SLOPES	43	70	84	7	7	21		27	33	48	35		1.3	2.0
Sa	SALMO SILTY CLAY LOAM	32	52	63	5	5	15		20	25	36	26		0.9	1.5
St	ARLO LOAM	48	78	94	8	8	23		30	37	54	39		1.4	2.2
Te	TETONKA SILTY CLAY LOAM	58	94	114	10	9	28		36	45	65	47		1.7	2.7
Tt	TETONKA-HARPS COMPLEX	67	108	131	11	11	32		42	52	75	54		2.0	3.1
Tw	TETONKA AND WHITEWOOD SILTY CLAY LOAMS	74	120	145	12	12	36		46	57	83	60		2.2	3.4
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WANN LOAM	52	84	102	9	8	25		32	40	58	42		1.5	2.4
Ww	WORTHING SILTY CLAY LOAM	36	58	71	6	6	17		22	28	40	29		1.1	1.7

Harding County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		49	104	6	10	22	38	27	30	46	36	1,561	1.1	1.3
	County Average Crop Soil Map Unit Productivity Index =	41.28													
AaA	AMOR LOAM, 0 TO 2 PERCENT SLOPES	82	97	207	11	19	44	76	54	59	92	71	3,100	2.2	2.6
AaB	AMOR LOAM, 2 TO 6 PERCENT SLOPES	76	90	192	10	18	40	70	50	54	85	66	2,873	2.0	2.4
AcC	AMOR-CABBA LOAMS, 6 TO 9 PERCENT SLOPES	50	59	126	7	12	27	46	33	36	56	43	1,890	1.3	1.6
AdC	AMOR-RHOADES LOAMS, 6 TO 9 PERCENT SLOPES	42	50	106	6	10	22	39	28	30	47	36	1,588	1.1	1.3
AeB	AMOR-WERNER LOAMS, 2 TO 6 PERCENT SLOPES	68	80	172	9	16	36	63	45	49	76	59	2,571	1.8	2.2
AkA	ARCHIN-BULLOCK FINE SANDY LOAMS, 0 TO 4 PERCENT SLOPES	37	44	93	5	9	20	34	24	26	41	32	1,399	1.0	1.2
Ar	ARNEGARD LOAM	88	104	222	12	21	47	81	58	63	99	76	3,327	2.3	2.8
AsA	ASSINNIBOINE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	80	95	202	11	19	43	74	53	57	90	69	3,024	2.1	2.6
AsB	ASSINNIBOINE FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	76	90	192	10	18	40	70	50	54	85	66	2,873	2.0	2.4
AtA	ASSINNIBOINE-ARCHIN FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	62	73	156	8	15	33	57	41	44	69	54	2,344	1.7	2.0
AwB	ATTEWAN LOAM, 2 TO 6 PERCENT SLOPES	48	57	121	6	11	26	44	32	34	54	41	1,815	1.3	1.5
Ba	BADLANDS	2	2	5	0	0	1	2	1	1	2	2	76	0.1	0.1
BeC	BOXWELL LOAM, 6 TO 9 PERCENT SLOPES	58	69	146	8	14	31	54	38	41	65	50	2,193	1.5	1.8
BkF	BULLOCK FINE SANDY LOAM, 6 TO 20 PERCENT SLOPES, EXTREMELY STON	4	5	10	1	1	2	4	3	3	4	3	151	0.1	0.1
BnA	BULLOCK-ASSINNIBOINE FINE SANDY LOAMS, 0 TO 4 PERCENT SLOPES	38	45	96	5	9	20	35	25	27	43	33	1,437	1.0	1.2
BoD	BULLOCK-CABBART COMPLEX, 6 TO 25 PERCENT SLOPES	14	17	35	2	3	7	13	9	10	16	12	529	0.4	0.4
BpB	BULLOCK-PARCHIN-SLICKSPOTS COMPLEX, 2 TO 9 PERCENT SLOPES	21	25	53	3	5	11	19	14	15	24	18	794	0.6	0.7
BsA	BULLOCK-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	17	20	43	2	4	9	16	11	12	19	15	643	0.5	0.5
CaD	CABBA-LANTRY-AMOR LOAMS, 9 TO 25 PERCENT SLOPES	24	28	61	3	6	13	22	16	17	27	21	907	0.6	0.8
CbD	CABBA-REEDER LOAMS, 9 TO 25 PERCENT SLOPES	24	28	61	3	6	13	22	16	17	27	21	907	0.6	0.8
CcE	CABBART LOAM, 6 TO 60 PERCENT SLOPES, EXTREMELY STONY	6	7	15	1	1	3	6	4	4	7	5	227	0.2	0.2
CdE	CABBART-DELRIDGE LOAMS, 15 TO 40 PERCENT SLOPES	12	14	30	2	3	6	11	8	9	13	10	454	0.3	0.4
CeE	CABBART-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	11	13	28	1	3	6	10	7	8	12	9	416	0.3	0.4
ChA	CHINOOK FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	57	67	144	8	13	30	53	38	41	64	49	2,155	1.5	1.8
CnA	CHINOOK-ARCHIN FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	52	61	131	7	12	28	48	34	37	58	45	1,966	1.4	1.7
CoE	COHAGEN FINE SANDY LOAM, 15 TO 50 PERCENT SLOPES	13	15	33	2	3	7	12	9	9	15	11	491	0.3	0.4
CrF	COHAGEN-ROCK OUTCROP-CABBA VARIANT COMPLEX, 3 TO 100 PERCENT	11	13	28	1	3	6	10	7	8	12	9	416	0.3	0.4
DcC	DELRIDGE-CABBART LOAMS, 6 TO 15 PERCENT SLOPES	25	30	63	3	6	13	23	17	18	28	22	945	0.7	0.8
Du	DUMPS, MINE	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Dw	DUNE LAND	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
EaA	EAPA LOAM, 0 TO 3 PERCENT SLOPES	79	93	199	11	19	42	73	52	56	88	68	2,986	2.1	2.5
EcA	EAPA-ARCHIN COMPLEX, 0 TO 3 PERCENT SLOPES	58	69	146	8	14	31	54	38	41	65	50	2,193	1.5	1.8
FaB	FARNUF LOAM, 2 TO 6 PERCENT SLOPES	74	87	187	10	18	39	68	49	53	83	64	2,797	2.0	2.4
FtE	FLEAK-TREY-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES	6	7	15	1	1	3	6	4	4	7	5	227	0.2	0.2
GdA	GERDRUM SILT LOAM, 0 TO 4 PERCENT SLOPES	39	46	98	5	9	21	36	26	28	44	34	1,474	1.0	1.2
Ge	GLENDIVE FINE SANDY LOAM	40	47	101	5	9	21	37	26	29	45	35	1,512	1.1	1.3
GhB	GLENDIVE-ARCHIN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	39	46	98	5	9	21	36	26	28	44	34	1,474	1.0	1.2

Harding County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
GkA	GRAIL SILT LOAM, 0 TO 3 PERCENT SLOPES	87	103	220	12	21	46	80	58	62	97	75	3,289	2.3	2.8
GrA	GRAIL-DAGLUM COMPLEX, 0 TO 3 PERCENT SLOPES	64	76	162	9	15	34	59	42	46	72	55	2,419	1.7	2.0
Ha	HANLY FINE SANDY LOAM	28	33	71	4	7	15	26	19	20	31	24	1,058	0.7	0.9
Hb	HANLY LOAMY FINE SAND	30	35	76	4	7	16	28	20	21	34	26	1,134	0.8	1.0
Hd	HANLY-DOGIECREEK FINE SANDY LOAMS	19	22	48	3	4	10	18	13	14	21	16	718	0.5	0.6
He	HANLY-SLICKSPOTS COMPLEX	23	27	58	3	5	12	21	15	16	26	20	869	0.6	0.7
Hf	HARLAKE SILTY CLAY, CHANNELED	31	37	78	4	7	16	29	21	22	35	27	1,172	0.8	1.0
Hg	HAVRE LOAM	76	90	192	10	18	40	70	50	54	85	66	2,873	2.0	2.4
Hh	HAVRE-HARLAKE COMPLEX	66	78	167	9	16	35	61	44	47	74	57	2,495	1.8	2.1
Hk	HEIL SILT LOAM	13	15	33	2	3	7	12	9	9	15	11	491	0.3	0.4
HsB	HISLE-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	7	8	18	1	2	4	6	5	5	8	6	265	0.2	0.2
KcF	KIRBY-CABBART-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	8	9	20	1	2	4	7	5	6	9	7	302	0.2	0.3
Ke	KORCHEA LOAM	72	85	182	10	17	38	67	48	51	81	62	2,722	1.9	2.3
Kg	KORCHEA LOAM, CHANNELED	31	37	78	4	7	16	29	21	22	35	27	1,172	0.8	1.0
Km	KORCHEA-ARCHIN COMPLEX	60	71	151	8	14	32	55	40	43	67	52	2,268	1.6	1.9
KoA	KREMLIN LOAM, 0 TO 3 PERCENT SLOPES	79	93	199	11	19	42	73	52	56	88	68	2,986	2.1	2.5
KrA	KREMLIN-ARCHIN COMPLEX, 0 TO 3 PERCENT SLOPES	62	73	156	8	15	33	57	41	44	69	54	2,344	1.7	2.0
KyB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	50	59	126	7	12	27	46	33	36	56	43	1,890	1.3	1.6
Le	LALLIE SILTY CLAY LOAM	55	65	139	7	13	29	51	36	39	62	47	2,079	1.5	1.8
LhD	LISMAS-HISLE COMPLEX, 6 TO 25 PERCENT SLOPES	10	12	25	1	2	5	9	7	7	11	9	378	0.3	0.3
LkD	LISMAS-WINLER CLAYS, 6 TO 25 PERCENT SLOPES	9	11	23	1	2	5	8	6	6	10	8	340	0.2	0.3
LrF	LISMAS-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	4	5	10	1	1	2	4	3	3	4	3	151	0.1	0.1
MaB	MARMARTH FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	72	85	182	10	17	38	67	48	51	81	62	2,722	1.9	2.3
McC	MARMARTH-CABBART COMPLEX, 6 TO 9 PERCENT SLOPES	48	57	121	6	11	26	44	32	34	54	41	1,815	1.3	1.5
MpB	MARMARTH-PARCHIN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	54	64	136	7	13	29	50	36	39	60	47	2,041	1.4	1.7
MtC	MARMARTH-TWILIGHT FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	44	52	111	6	10	23	41	29	31	49	38	1,663	1.2	1.4
MtD	MARMARTH-TWILIGHT FINE SANDY LOAMS, 9 TO 15 PERCENT SLOPES	29	34	73	4	7	15	27	19	21	32	25	1,096	0.8	0.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NaD	NIHILL VARIANT-ATTEWAN COMPLEX, 4 TO 40 PERCENT SLOPES	19	22	48	3	4	10	18	13	14	21	16	718	0.5	0.6
PbB	PARCHIN-BULLOCK FINE SANDY LOAMS, 2 TO 9 PERCENT SLOPES	21	25	53	3	5	11	19	14	15	24	18	794	0.6	0.7
PhA	PARSHALL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	63	74	159	8	15	33	58	42	45	71	54	2,382	1.7	2.0
Pt	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
RbB	REEDER LOAM, 2 TO 6 PERCENT SLOPES	72	85	182	10	17	38	67	48	51	81	62	2,722	1.9	2.3
RcC	REEDER-CABBA LOAMS, 6 TO 9 PERCENT SLOPES	52	61	131	7	12	28	48	34	37	58	45	1,966	1.4	1.7
ReB	REEDER-RHOADES LOAMS, 2 TO 6 PERCENT SLOPES	55	65	139	7	13	29	51	36	39	62	47	2,079	1.5	1.8
RfE	REVA-SLIMBUTTE COMPLEX, 9 TO 70 PERCENT SLOPES	7	8	18	1	2	4	6	5	5	8	6	265	0.2	0.2
RgE	REVA-ROCK OUTCROP COMPLEX, 15 TO 70 PERCENT SLOPES	4	5	10	1	1	2	4	3	3	4	3	151	0.1	0.1
RhB	RHAME FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	49	58	124	7	12	26	45	32	35	55	42	1,852	1.3	1.6
RmB	RHAME-PARCHIN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	38	45	96	5	9	20	35	25	27	43	33	1,437	1.0	1.2
RnA	RHOADES-DAGLUM LOAMS, 0 TO 2 PERCENT SLOPES	20	24	50	3	5	11	18	13	14	22	17	756	0.5	0.6

Harding County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
RnB	RHOADES-DAGLUM LOAMS, 2 TO 9 PERCENT SLOPES	17	20	43	2	4	9	16	11	12	19	15	643	0.5	0.5
RoF	ROCK OUTCROP	3	4	8	0	1	2	3	2	2	3	3	113	0.1	0.1
RrF	ROCK OUTCROP-REVA COMPLEX, 15 TO 60 PERCENT SLOPES	1	1	3	0	0	1	1	1	1	1	1	38	0.0	0.0
RsF	ROCKOA-REVA COMPLEX, 6 TO 60 PERCENT SLOPES	5	6	13	1	1	3	5	3	4	6	4	189	0.1	0.2
SaA	SAGE LOAM	7	8	18	1	2	4	6	5	5	8	6	265	0.2	0.2
SbA	SAGE-HISLE VARIANT COMPLEX, 0 TO 2 PERCENT SLOPES	6	7	15	1	1	3	6	4	4	7	5	227	0.2	0.2
SgA	SAVAGE SILTY CLAY LOAM	84	99	212	11	20	45	78	56	60	94	73	3,175	2.2	2.7
ShB	SHAMBO LOAM, 2 TO 6 PERCENT SLOPES	72	85	182	10	17	38	67	48	51	81	62	2,722	1.9	2.3
SmB	SHAMBO-RHOADES LOAMS, 2 TO 6 PERCENT SLOPES	53	63	134	7	13	28	49	35	38	59	46	2,004	1.4	1.7
Sn	SLICKSPOTS	4	5	10	1	1	2	4	3	3	4	3	151	0.1	0.1
SpC	SLIMBUTTE-ARNEGARD-REVA COMPLEX, 2 TO 12 PERCENT SLOPES	32	38	81	4	8	17	30	21	23	36	28	1,210	0.9	1.0
SrE	SLIMBUTTE-REVA COMPLEX, 6 TO 60 PERCENT SLOPES	5	6	13	1	1	3	5	3	4	6	4	189	0.1	0.2
SwA	SWANBOY CLAY, 0 TO 9 PERCENT SLOPES	8	9	20	1	2	4	7	5	6	9	7	302	0.2	0.3
SyA	SWANBOY-SLICKSPOTS COMPLEX, 0 TO 2 PERCENT SLOPES	8	9	20	1	2	4	7	5	6	9	7	302	0.2	0.3
TnB	TANNA SILTY CLAY LOAM, 2 TO 9 PERCENT SLOPES	58	69	146	8	14	31	54	38	41	65	50	2,193	1.5	1.8
ToA	TANNA-GERDRUM COMPLEX, 0 TO 3 PERCENT SLOPES	54	64	136	7	13	29	50	36	39	60	47	2,041	1.4	1.7
ToC	TANNA-RHOADES COMPLEX, 2 TO 9 PERCENT SLOPES	36	43	91	5	9	19	33	24	26	40	31	1,361	1.0	1.1
TrB	TREY LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	27	32	68	4	6	14	25	18	19	30	23	1,021	0.7	0.9
TtC	TREY-FLEAK LOAMY FINE SANDS, 2 TO 15 PERCENT SLOPES	23	27	58	3	5	12	21	15	16	26	20	869	0.6	0.7
TvB	TREY-PARCHIN-BULLOCK COMPLEX, 2 TO 9 PERCENT SLOPES	26	31	66	3	6	14	24	17	19	29	22	983	0.7	0.8
TwC	TWILIGHT FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	31	37	78	4	7	16	29	21	22	35	27	1,172	0.8	1.0
TxE	TWILIGHT-BLACKHALL FINE SANDY LOAMS, 9 TO 25 PERCENT SLOPES	17	20	43	2	4	9	16	11	12	19	15	643	0.5	0.5
TyC	TWILIGHT-PARCHIN FINE SANDY LOAMS, 6 TO 15 PERCENT SLOPES	20	24	50	3	5	11	18	13	14	22	17	756	0.5	0.6
TzA	TWOTOP CLAY, 0 TO 3 PERCENT SLOPES	42	50	106	6	10	22	39	28	30	47	36	1,588	1.1	1.3
VaF	VANOCKER-REVA COMPLEX, 6 TO 60 PERCENT SLOPES	8	9	20	1	2	4	7	5	6	9	7	302	0.2	0.3
VbB	VEBAR FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	49	58	124	7	12	26	45	32	35	55	42	1,852	1.3	1.6
VcC	VEBAR-COHAGEN FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	25	30	63	3	6	13	23	17	18	28	22	945	0.7	0.8
VcD	VEBAR-COHAGEN FINE SANDY LOAMS, 9 TO 25 PERCENT SLOPES	23	27	58	3	5	12	21	15	16	26	20	869	0.6	0.7
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaB	WATROUS-WERNER LOAMS, 2 TO 6 PERCENT SLOPES	44	52	111	6	10	23	41	29	31	49	38	1,663	1.2	1.4
WbB	WATROUS-RHOADES LOAMS, 2 TO 6 PERCENT SLOPES	33	39	83	4	8	18	30	22	24	37	28	1,247	0.9	1.1
WdC	WERNER-REVA COMPLEX, 3 TO 9 PERCENT SLOPES	20	24	50	3	5	11	18	13	14	22	17	756	0.5	0.6
WeC	WERNER-WATROUS LOAMS, 2 TO 9 PERCENT SLOPES	30	35	76	4	7	16	28	20	21	34	26	1,134	0.8	1.0
WhB	WINLER-HISLE COMPLEX, 0 TO 9 PERCENT SLOPES	8	9	20	1	2	4	7	5	6	9	7	302	0.2	0.3
WsC	WINLER-LISMAS CLAYS, 2 TO 15 PERCENT SLOPES	9	11	23	1	2	5	8	6	6	10	8	340	0.2	0.3
ZaB	ZEONA LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	27	32	68	4	6	14	25	18	19	30	23	1,021	0.7	0.9
ZaD	ZEONA LOAMY FINE SAND, 9 TO 25 PERCENT SLOPES	5	6	13	1	1	3	5	3	4	6	4	189	0.1	0.2
ZbC	ZEONA-BLOWNOUT LAND COMPLEX, 2 TO 15 PERCENT SLOPES	14	17	35	2	3	7	13	9	10	16	12	529	0.4	0.4
ZpB	ZEONA-PARCHIN COMPLEX, 2 TO 9 PERCENT SLOPES	31	37	78	4	7	16	29	21	22	35	27	1,172	0.8	1.0

Hughes County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		96	185	7	15	34	66	40	44	70	44	1,929	1.6	1.8
	County Average Crop Soil Map Unit Productivity Index =	74.89													
AgA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	92	118	227	8	19	42	81	49	53	86	54	2,370	1.9	2.1
AgB	AGAR SILT LOAM, 2 TO 5 PERCENT SLOPES	86	110	212	8	17	39	75	46	50	80	51	2,216	1.8	2.0
AkB	AGAR-EAKIN SILT LOAMS, 2 TO 5 PERCENT SLOPES	85	109	210	8	17	39	74	45	49	79	50	2,190	1.8	2.0
As	INAVALE FINE SAND	35	45	86	3	7	16	31	19	20	33	21	902	0.7	0.8
Au	NIMBRO AND WENDTE SOILS, CHANNELED	30	38	74	3	6	14	26	16	17	28	18	773	0.6	0.7
Aw	MECKLING-NORWAY LOAMY FINE SANDS	15	19	37	1	3	7	13	8	9	14	9	386	0.3	0.4
BeE	BETTS LOAM, 15 TO 40 PERCENT SLOPES	8	10	20	1	2	4	7	4	5	7	5	206	0.2	0.2
Bo	BON LOAM	85	109	210	8	17	39	74	45	49	79	50	2,190	1.8	2.0
CaA	CANNING LOAM, 0 TO 2 PERCENT SLOPES	57	73	141	5	12	26	50	30	33	53	33	1,468	1.2	1.3
CaB	CANNING LOAM, 2 TO 5 PERCENT SLOPES	49	63	121	4	10	22	43	26	28	46	29	1,262	1.0	1.1
CdA	CAVO-DEMKY SILT LOAMS, 0 TO 2 PERCENT SLOPES	57	73	141	5	12	26	50	30	33	53	33	1,468	1.2	1.3
ChC	CHANTIER CLAY, 2 TO 9 PERCENT SLOPES	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
Cu	CUT AND FILL LAND	1	1	2	0	0	0	1	1	1	1	1	26	0.0	0.0
DeA	DEGREY-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	57	73	141	5	12	26	50	30	33	53	33	1,468	1.2	1.3
DkA	DEMKY-CAVO SILT LOAMS, 0 TO 2 PERCENT SLOPES	60	77	148	5	12	27	53	32	35	56	35	1,546	1.3	1.4
Do	DORNA SILT LOAM	90	115	222	8	18	41	79	48	52	84	53	2,319	1.9	2.1
Dr	DORNA SILT LOAM, THIN SOLUM	76	97	188	7	15	35	67	41	44	71	45	1,958	1.6	1.8
Du	DURRSTEIN-EGAS COMPLEX	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
ErA	EAKIN-RABER SILT LOAMS, 0 TO 2 PERCENT SLOPES	84	107	207	8	17	38	74	45	49	79	49	2,164	1.8	2.0
ErB	EAKIN-RABER SILT LOAMS, 2 TO 5 PERCENT SLOPES	76	97	188	7	15	35	67	41	44	71	45	1,958	1.6	1.8
ErC	EAKIN-RABER SILT LOAMS, 5 TO 9 PERCENT SLOPES	61	78	151	6	12	28	53	33	35	57	36	1,571	1.3	1.4
Fd	FILL LAND	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
GeE	GETTYS CLAY LOAM, 15 TO 40 PERCENT SLOPES	10	13	25	1	2	5	9	5	6	9	6	258	0.2	0.2
GhC	GLENHAM-HIGHMORE SILT LOAMS, 5 TO 9 PERCENT SLOPES	62	79	153	6	13	28	54	33	36	58	36	1,597	1.3	1.4
Gp	GRAVEL PITS	1	1	2	0	0	0	1	1	1	1	1	26	0.0	0.0
HeA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	92	118	227	8	19	42	81	49	53	86	54	2,370	1.9	2.1
HgA	HIGHMORE-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	73	93	180	7	15	33	64	39	42	68	43	1,881	1.5	1.7
HgB	HIGHMORE-DEGREY SILT LOAMS, 2 TO 5 PERCENT SLOPES	72	92	178	7	15	33	63	38	42	67	42	1,855	1.5	1.7
HkA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	88	113	217	8	18	40	77	47	51	82	52	2,267	1.8	2.1
HkB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 5 PERCENT SLOPES	83	106	205	8	17	38	73	44	48	78	49	2,138	1.7	1.9
HlB	HIGHMORE-GLENHAM SILT LOAMS, 2 TO 5 PERCENT SLOPES	80	102	198	7	16	37	70	43	46	75	47	2,061	1.7	1.9
HmA	HIGHMORE-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	87	111	215	8	18	40	76	46	51	81	51	2,241	1.8	2.0
Hn	HOVEN SILT LOAM	10	13	25	1	2	5	9	5	6	9	6	258	0.2	0.2
Ho	HOVEN-ONITA SILT LOAMS	39	50	96	4	8	18	34	21	23	36	23	1,005	0.8	0.9
HuB	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES	12	15	30	1	2	5	11	6	7	11	7	309	0.3	0.3
JbD	JAVA-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	29	37	72	3	6	13	25	15	17	27	17	747	0.6	0.7
JgC	JAVA-GLENHAM LOAMS, 2 TO 9 PERCENT SLOPES	54	69	133	5	11	25	47	29	31	50	32	1,391	1.1	1.3

Hughes County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
JlA	JERAULD SILT LOAM, 0 TO 2 PERCENT SLOPES	21	27	52	2	4	10	18	11	12	20	12	541	0.4	0.5
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	116	225	8	18	42	80	49	53	85	53	2,344	1.9	2.1
LoB	LOWRY SILT LOAM, 2 TO 5 PERCENT SLOPES	85	109	210	8	17	39	74	45	49	79	50	2,190	1.8	2.0
LoC	LOWRY SILT LOAM, 5 TO 9 PERCENT SLOPES	70	90	173	6	14	32	61	37	41	65	41	1,803	1.5	1.6
LuB	LOWRY-URBAN LAND COMPLEX, 2 TO 5 PERCENT SLOPES	61	78	151	6	12	28	53	33	35	57	36	1,571	1.3	1.4
LuC	LOWRY-URBAN LAND COMPLEX, 5 TO 9 PERCENT SLOPES	43	55	106	4	9	20	38	23	25	40	25	1,108	0.9	1.0
Ma	MACKEN SILTY CLAY	25	32	62	2	5	11	22	13	15	23	15	644	0.5	0.6
Mar	MARSH	6	8	15	1	1	3	5	3	3	6	4	155	0.1	0.1
MbA	MILLBORO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	85	109	210	8	17	39	74	45	49	79	50	2,190	1.8	2.0
MoA	MOSHER SILT LOAM, 0 TO 2 PERCENT SLOPES	38	49	94	3	8	17	33	20	22	36	22	979	0.8	0.9
Mu	MUNJOR FINE SANDY LOAM	40	51	99	4	8	18	35	21	23	37	24	1,030	0.8	0.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaC	OAHE-ORTON LOAMS, 2 TO 9 PERCENT SLOPES	36	46	89	3	7	16	32	19	21	34	21	927	0.8	0.8
OcB	OKO CLAY LOAM, 2 TO 5 PERCENT SLOPES	45	58	111	4	9	21	39	24	26	42	26	1,159	0.9	1.1
OcC	OKO CLAY LOAM, 5 TO 9 PERCENT SLOPES	36	46	89	3	7	16	32	19	21	34	21	927	0.8	0.8
OdC	OKO-JERAULD COMPLEX, 2 TO 9 PERCENT SLOPES	27	35	67	2	5	12	24	14	16	25	16	696	0.6	0.6
OnA	ONITA SILT LOAM, 0 TO 2 PERCENT SLOPES	89	114	220	8	18	41	78	48	52	83	52	2,293	1.9	2.1
OoA	ONITA-HOVEN SILT LOAMS, 0 TO 1 PERCENT SLOPES	75	96	185	7	15	34	66	40	44	70	44	1,932	1.6	1.8
OpB	OPAL CLAY, 2 TO 5 PERCENT SLOPES	58	74	143	5	12	26	51	31	34	54	34	1,494	1.2	1.4
OpC	OPAL CLAY, 5 TO 9 PERCENT SLOPES	50	64	123	5	10	23	44	27	29	47	29	1,288	1.0	1.2
OrD	OPAL-LAKOMA CLAYS, 9 TO 15 PERCENT SLOPES	35	45	86	3	7	16	31	19	20	33	21	902	0.7	0.8
PeD	PENO-GETTYS CLAY LOAMS, 9 TO 15 PERCENT SLOPES	28	36	69	3	6	13	25	15	16	26	16	721	0.6	0.7
PnD	PENO-BULLCREEK COMPLEX, 3 TO 15 PERCENT SLOPES	25	32	62	2	5	11	22	13	15	23	15	644	0.5	0.6
PrA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	70	90	173	6	14	32	61	37	41	65	41	1,803	1.5	1.6
PrB	PROMISE CLAY, 2 TO 5 PERCENT SLOPES	66	84	163	6	13	30	58	35	38	62	39	1,700	1.4	1.5
PsA	PROMISE-MOSHER COMPLEX, 0 TO 2 PERCENT SLOPES	62	79	153	6	13	28	54	33	36	58	36	1,597	1.3	1.4
RaA	RABER-CAVO LOAMS, 0 TO 2 PERCENT SLOPES	54	69	133	5	11	25	47	29	31	50	32	1,391	1.1	1.3
RaB	RABER-CAVO LOAMS, 2 TO 5 PERCENT SLOPES	55	70	136	5	11	25	48	29	32	51	32	1,417	1.2	1.3
RbC	RABER-PENO CLAY LOAM	47	60	116	4	9	21	41	25	27	44	28	1,211	1.0	1.1
RdC	RABER AND OKO STONY SOILS, 3 TO 15 PERCENT SLOPES	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
ReA	REE LOAM, 0 TO 2 PERCENT SLOPES	82	105	203	7	17	37	72	44	48	77	48	2,113	1.7	1.9
ReB	REE LOAM, 2 TO 5 PERCENT SLOPES	78	100	193	7	16	36	68	42	45	73	46	2,009	1.6	1.8
RmA	REE-MOSHER COMPLEX, 0 TO 2 PERCENT SLOPES	69	88	170	6	14	32	60	37	40	65	41	1,778	1.4	1.6
Ro	LAKOMA-GETTYS-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	6	8	15	1	1	3	5	3	3	6	4	155	0.1	0.1
SaE	SANSARC-GETTYS COMPLEX, 9 TO 34 PERCENT SLOPES	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
ScE	SANSARC-LAKOMA CLAYS, 9 TO 40 PERCENT SLOPES	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
Sd	SANSARC-SHALE OUTCROP COMPLEX	3	4	7	0	1	1	3	2	2	3	2	77	0.1	0.1
Sf	SCHAMBER-ORTON COMPLEX	11	14	27	1	2	5	10	6	6	10	6	283	0.2	0.3
Sh	SHALE LAND	2	3	5	0	0	1	2	1	1	2	1	52	0.0	0.0
SuA	SULLY SILT LOAM, 0 TO 2 PERCENT SLOPES	53	68	131	5	11	24	46	28	31	50	31	1,365	1.1	1.2

Hughes County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SuC	SULLY SILT LOAM, 2 TO 9 PERCENT SLOPES	38	49	94	3	8	17	33	20	22	36	22	979	0.8	0.9
SuD	SULLY SILT LOAM, 9 TO 15 PERCENT SLOPES	21	27	52	2	4	10	18	11	12	20	12	541	0.4	0.5
SuE	SULLY SILT LOAM, 15 TO 35 PERCENT SLOPES	7	9	17	1	1	3	6	4	4	7	4	180	0.1	0.2
SwB	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	9	12	22	1	2	4	8	5	5	8	5	232	0.2	0.2
Sx	BULLCREEK-SLICKSPOTS COMPLEX	5	6	12	0	1	2	4	3	3	5	3	129	0.1	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Hutchinson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		116	164	11	12	37	87	42	55	74	59	1,906	1.9	3.7
	County Average Crop Soil Map Unit Productivity Index =	76.7													
BeE	BETTS AND ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	14	21	30	2	2	7	16	8	10	13	11	348	0.4	0.7
Bo	BON LOAM	87	132	186	13	13	42	99	48	62	83	67	2,162	2.2	4.2
Ca	CHASKA SILT LOAM	70	106	149	10	11	34	80	38	50	67	54	1,740	1.8	3.4
Cb	CHASKA SILT LOAM, CHANNELED	35	53	75	5	5	17	40	19	25	34	27	870	0.9	1.7
Cc	CLAMO SILTY CLAY LOAM	62	94	132	9	9	30	71	34	44	59	48	1,541	1.6	3.0
CdA	CLARNO LOAM, 0 TO 3 PERCENT SLOPES	85	129	181	12	13	41	97	46	60	81	65	2,113	2.1	4.1
CdB	CLARNO LOAM, 3 TO 6 PERCENT SLOPES	81	123	173	12	12	39	92	44	58	78	62	2,013	2.0	3.9
CeA	CLARNO-DAVISON LOAMS, 0 TO 2 PERCENT SLOPES	83	126	177	12	13	40	95	45	59	80	64	2,063	2.1	4.0
CeB	CLARNO-DAVISON LOAMS, 2 TO 4 PERCENT SLOPES	79	120	168	11	12	38	90	43	56	76	61	1,963	2.0	3.8
CnC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	62	94	132	9	9	30	71	34	44	59	48	1,541	1.6	3.0
CsA	CLARNO-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	82	124	175	12	12	39	93	45	58	79	63	2,038	2.1	4.0
Ct	CROSSPLAIN-HARPS COMPLEX	82	124	175	12	12	39	93	45	58	79	63	2,038	2.1	4.0
DaB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	81	123	173	12	12	39	92	44	58	78	62	2,013	2.0	3.9
DaC	DAVIS LOAM, 6 TO 9 PERCENT SLOPES	72	109	154	10	11	35	82	39	51	69	55	1,789	1.8	3.5
DbA	DAVISON LOAM, 0 TO 3 PERCENT SLOPES	78	118	166	11	12	37	89	43	55	75	60	1,939	2.0	3.8
DcB	DAVISON-ONITA COMPLEX, 2 TO 6 PERCENT SLOPES	78	118	166	11	12	37	89	43	55	75	60	1,939	2.0	3.8
DeA	DELMONT LOAM, 0 TO 3 PERCENT SLOPES	43	65	92	6	7	21	49	24	31	41	33	1,069	1.1	2.1
DeB	DELMONT LOAM, 3 TO 6 PERCENT SLOPES	40	61	85	6	6	19	46	22	28	38	31	994	1.0	1.9
DmB	DELMONT-ROCK OUTCROP COMPLEX, 2 TO 9 PERCENT SLOPES	27	41	58	4	4	13	31	15	19	26	21	671	0.7	1.3
DnD	DELMONT-TALMO COMPLEX, 6 TO 12 PERCENT SLOPES	16	24	34	2	2	8	18	9	11	15	12	398	0.4	0.8
Do	DIMO LOAM	73	111	156	11	11	35	83	40	52	70	56	1,814	1.8	3.6
DsA	DUDLEY-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	58	88	124	8	9	28	66	32	41	56	45	1,441	1.5	2.8
Du	DURRSTEIN SILT LOAM	9	14	19	1	1	4	10	5	6	9	7	224	0.2	0.4
EaC	EGAN SILT LOAM, 6 TO 9 PERCENT SLOPES	71	108	151	10	11	34	81	39	50	68	55	1,765	1.8	3.5
EbC2	EGAN-BETTS COMPLEX, 3 TO 9 PERCENT SLOPES, ERODED	62	94	132	9	9	30	71	34	44	59	48	1,541	1.6	3.0
EgB	EGAN AND WENTWORTH SILT LOAMS, 2 TO 6 PERCENT SLOPES	83	126	177	12	13	40	95	45	59	80	64	2,063	2.1	4.0
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	59	90	126	9	9	28	67	32	42	57	45	1,466	1.5	2.9
EtB	ETHAN-BETTS LOAMS, 3 TO 6 PERCENT SLOPES	61	93	130	9	9	29	70	33	43	58	47	1,516	1.5	3.0
EtC2	ETHAN-BETTS LOAMS, 6 TO 9 PERCENT SLOPES, ERODED	49	74	104	7	7	23	56	27	35	47	38	1,218	1.2	2.4
EtD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	36	55	77	5	5	17	41	20	26	34	28	895	0.9	1.8
EuB	ETHAN-CLARNO LOAMS, 2 TO 6 PERCENT SLOPES	74	112	158	11	11	35	84	40	53	71	57	1,839	1.9	3.6
EuC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	59	90	126	9	9	28	67	32	42	57	45	1,466	1.5	2.9
EwC	ETHAN-HOMME COMPLEX, 6 TO 9 PERCENT SLOPES	58	88	124	8	9	28	66	32	41	56	45	1,441	1.5	2.8
Fa	FEDORA FINE SANDY LOAM	50	76	107	7	8	24	57	27	36	48	38	1,243	1.3	2.4
GRAV	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
HaA	HAND LOAM, 0 TO 3 PERCENT SLOPES	84	127	179	12	13	40	96	46	60	80	65	2,088	2.1	4.1
HaB	HAND LOAM, 3 TO 6 PERCENT SLOPES	79	120	168	11	12	38	90	43	56	76	61	1,963	2.0	3.8

Hutchinson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HaC	HAND LOAM, 6 TO 9 PERCENT SLOPES	63	96	134	9	10	30	72	34	45	60	48	1,566	1.6	3.1
HbC	HAND-BETTS LOAMS, 6 TO 9 PERCENT SLOPES	57	87	122	8	9	27	65	31	41	55	44	1,417	1.4	2.8
HcA	HAND-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	86	131	183	12	13	41	98	47	61	82	66	2,137	2.2	4.2
HdB	HAND-DAVISON LOAMS, 3 TO 6 PERCENT SLOPES	78	118	166	11	12	37	89	43	55	75	60	1,939	2.0	3.8
HmA	HENKIN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	58	88	124	8	9	28	66	32	41	56	45	1,441	1.5	2.8
HmB	HENKIN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	55	83	117	8	8	26	63	30	39	53	42	1,367	1.4	2.7
HnB	ALWILDA FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	32	49	68	5	5	15	36	17	23	31	25	795	0.8	1.6
HoC	HOMME-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES	63	96	134	9	10	30	72	34	45	60	48	1,566	1.6	3.1
HtA	HOMME-ONITA COMPLEX, 0 TO 2 PERCENT SLOPES	89	135	190	13	14	43	101	49	63	85	68	2,212	2.2	4.3
HtB	HOMME-ONITA COMPLEX, 2 TO 6 PERCENT SLOPES	84	127	179	12	13	40	96	46	60	80	65	2,088	2.1	4.1
Ja	JAMES SILTY CLAY	30	46	64	4	5	14	34	16	21	29	23	746	0.8	1.5
La	LAMO SILTY CLAY LOAM	64	97	136	9	10	31	73	35	45	61	49	1,591	1.6	3.1
Lm	LAMO-WANN COMPLEX, FREQUENTLY FLOODED	48	73	102	7	7	23	55	26	34	46	37	1,193	1.2	2.3
Ma	WORTHING SILTY CLAY LOAM, PONDED	5	8	11	1	1	2	6	3	4	5	4	124	0.1	0.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaA	ONITA SILT LOAM, 0 TO 3 PERCENT SLOPES	94	143	200	14	14	45	107	51	67	90	72	2,336	2.4	4.6
PcA	PROSPER-CLARNO LOAMS, 0 TO 2 PERCENT SLOPES	89	135	190	13	14	43	101	49	63	85	68	2,212	2.2	4.3
Pr	PROSPER-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	85	129	181	12	13	41	97	46	60	81	65	2,113	2.1	4.1
Ps	PROSPER AND CROSSPLAIN COMPLEX	85	129	181	12	13	41	97	46	60	81	65	2,113	2.1	4.1
QUAR	PIT, QUARRY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ReB	REDSTOE SILT LOAM, 0 TO 6 PERCENT SLOPES	43	65	92	6	7	21	49	24	31	41	33	1,069	1.1	2.1
Sa	SALMO SILTY CLAY LOAM	32	49	68	5	5	15	36	17	23	31	25	795	0.8	1.6
St	ARLO LOAM	48	73	102	7	7	23	55	26	34	46	37	1,193	1.2	2.3
Te	TETONKA SILTY CLAY LOAM	58	88	124	8	9	28	66	32	41	56	45	1,441	1.5	2.8
Tt	TETONKA-HARPS COMPLEX	67	102	143	10	10	32	76	37	48	64	52	1,665	1.7	3.3
Tw	TETONKA AND WHITEWOOD SILTY CLAY LOAMS	74	112	158	11	11	35	84	40	53	71	57	1,839	1.9	3.6
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WANN LOAM	52	79	111	8	8	25	59	28	37	50	40	1,292	1.3	2.5
Ww	WORTHING SILTY CLAY LOAM	36	55	77	5	5	17	41	20	26	34	28	895	0.9	1.8

Hyde County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		95	176	7	13	37	66	41	46	65	45	1,688	1.5	2.0
	County Average Crop Soil Map Unit Productivity Index =	65.15													
BdA	BEND-EDWIN COMPLEX, 0 TO 4 PERCENT SLOPES	80	117	216	8	16	45	81	51	56	80	55	2,073	1.8	2.4
BkE	BETTS-JAVA LOAMS, 9 TO 20 PERCENT SLOPES	19	28	51	2	4	11	19	12	13	19	13	492	0.4	0.6
BkF	BETTS-JAVA LOAMS, 20 TO 40 PERCENT SLOPES	8	12	22	1	2	4	8	5	6	8	6	207	0.2	0.2
Bn	BON LOAM, CHANNELED	29	42	78	3	6	16	29	18	20	29	20	751	0.7	0.9
BuA	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	8	12	22	1	2	4	8	5	6	8	6	207	0.2	0.2
CcA	CAPA-CARTER SILT LOAMS, 0 TO 4 PERCENT SLOPES	20	29	54	2	4	11	20	13	14	20	14	518	0.5	0.6
ClA	CAPA-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	10	15	27	1	2	6	10	6	7	10	7	259	0.2	0.3
CpA	CARTER-PROMISE COMPLEX, 0 TO 3 PERCENT SLOPES	50	73	135	5	10	28	50	32	35	50	35	1,295	1.1	1.5
CrA	CAVO-JERAULD LOAMS, 0 TO 4 PERCENT SLOPES	26	38	70	3	5	15	26	16	18	26	18	674	0.6	0.8
Cs	CAVO-STICKNEY LOAMS	47	69	127	5	9	26	47	30	33	47	32	1,218	1.1	1.4
Df	DEGREY-WALKE SILT LOAMS	56	82	151	6	11	31	56	35	39	56	39	1,451	1.3	1.7
DnB	DELMONT-OAHE LOAMS, 2 TO 6 PERCENT SLOPES	41	60	110	4	8	23	41	26	29	41	28	1,062	0.9	1.3
Du	DURRSTEIN-EGAS COMPLEX	6	9	16	1	1	3	6	4	4	6	4	155	0.1	0.2
EpC	EAKIN-PENO COMPLEX, 6 TO 9 PERCENT SLOPES	64	93	172	6	13	36	64	41	45	64	44	1,658	1.5	2.0
ErA	EAKIN-RABER COMPLEX, 0 TO 2 PERCENT SLOPES	85	124	229	9	17	48	86	54	60	85	59	2,202	2.0	2.6
ErB	EAKIN-RABER COMPLEX, 2 TO 6 PERCENT SLOPES	76	111	205	8	15	43	76	48	53	76	52	1,969	1.7	2.3
GfF	GETTYS-SANSARC COMPLEX, 9 TO 40 PERCENT SLOPES	9	13	24	1	2	5	9	6	6	9	6	233	0.2	0.3
GmB	GLENHAM-JAVA LOAMS, 2 TO 6 PERCENT SLOPES	74	108	199	7	15	42	74	47	52	74	51	1,917	1.7	2.3
GnA	GLENHAM-JAVA-CAVO LOAMS, 0 TO 4 PERCENT SLOPES	65	95	175	7	13	37	65	41	46	65	45	1,684	1.5	2.0
GrA	GLENHAM-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	86	125	232	9	17	48	87	54	60	86	59	2,228	2.0	2.6
GrB	GLENHAM-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES	80	117	216	8	16	45	81	51	56	80	55	2,073	1.8	2.4
GsA	GLENHAM-PROSPER-HOVEN COMPLEX, 0 TO 4 PERCENT SLOPES	68	99	183	7	14	38	68	43	48	68	47	1,762	1.6	2.1
GtB	GLENHAM-PROSPER-JAVA LOAMS, 1 TO 6 PERCENT SLOPES	74	108	199	7	15	42	74	47	52	74	51	1,917	1.7	2.3
GuA	GLENHAM-STICKNEY-HOVEN COMPLEX, 0 TO 4 PERCENT SLOPES	58	85	156	6	12	33	58	37	41	58	40	1,503	1.3	1.8
HaA	HENKIN-BLENDON FINE SANDY LOAMS, 0 TO 4 PERCENT SLOPES	62	90	167	6	12	35	62	39	44	62	43	1,606	1.4	1.9
HdA	HIGHMORE-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	70	102	189	7	14	39	70	44	49	70	48	1,814	1.6	2.1
HdB	HIGHMORE-DEGREY SILT LOAMS, 2 TO 6 PERCENT SLOPES	65	95	175	7	13	37	65	41	46	65	45	1,684	1.5	2.0
HeA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	90	131	243	9	18	51	91	57	63	90	62	2,332	2.1	2.8
HeB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	83	121	224	8	17	47	84	53	58	83	57	2,150	1.9	2.5
Ho	HOVEN SILT LOAM	14	20	38	1	3	8	14	9	10	14	10	363	0.3	0.4
HuB	HURLEY SILT LOAM, 0 TO 6 PERCENT SLOPES	11	16	30	1	2	6	11	7	8	11	8	285	0.3	0.3
JaC	JAVA, STONY-GLENHAM-PROSPER LOAMS, 1 TO 9 PERCENT SLOPES	41	60	110	4	8	23	41	26	29	41	28	1,062	0.9	1.3
JbD	JAVA-BETTS LOAMS, 6 TO 15 PERCENT SLOPES	31	45	84	3	6	17	31	20	22	31	21	803	0.7	0.9
JcD	JAVA-BETTS, STONY, LOAMS, 6 TO 25 PERCENT SLOPES	15	22	40	2	3	8	15	10	11	15	10	389	0.3	0.5
JgB	JAVA-GLENHAM LOAMS, 2 TO 6 PERCENT SLOPES	70	102	189	7	14	39	70	44	49	70	48	1,814	1.6	2.1
JgC	JAVA-GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	55	80	148	6	11	31	55	35	39	55	38	1,425	1.3	1.7
JhC	JAVA-GLENHAM-PROSPER LOAMS, 1 TO 9 PERCENT SLOPES	61	89	164	6	12	34	61	39	43	61	42	1,580	1.4	1.9

Hyde County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
JsA	JERAULD-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	10	15	27	1	2	6	10	6	7	10	7	259	0.2	0.3
Ko	KOLLS CLAY	29	42	78	3	6	16	29	18	20	29	20	751	0.7	0.9
Lc	LAWET LOAM	56	82	151	6	11	31	56	35	39	56	39	1,451	1.3	1.7
Ma	MACKEN SILTY CLAY LOAM	28	41	75	3	6	16	28	18	20	28	19	725	0.6	0.9
Mb	MACKEN SILTY CLAY LOAM, PONDED	5	7	13	1	1	3	5	3	4	5	3	130	0.1	0.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaA	OAHE LOAM, 0 TO 2 PERCENT SLOPES	55	80	148	6	11	31	55	35	39	55	38	1,425	1.3	1.7
OdA	OAHE-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	50	73	135	5	10	28	50	32	35	50	35	1,295	1.1	1.5
OkB	OKO CLAY LOAM, 2 TO 6 PERCENT SLOPES	44	64	119	4	9	25	44	28	31	44	30	1,140	1.0	1.3
OkC	OKO CLAY LOAM, 6 TO 9 PERCENT SLOPES	38	55	102	4	8	21	38	24	27	38	26	985	0.9	1.2
OkD	OKO CLAY LOAM, 9 TO 20 PERCENT SLOPES	18	26	49	2	4	10	18	11	13	18	12	466	0.4	0.6
OnA	ONITA SILT LOAM, 0 TO 2 PERCENT SLOPES	92	134	248	9	18	52	93	58	65	92	64	2,384	2.1	2.8
Os	ONITA-HOVEN SILT LOAMS	59	86	159	6	12	33	59	37	41	59	41	1,529	1.4	1.8
OtB	OPAL CLAY, 2 TO 6 PERCENT SLOPES	59	86	159	6	12	33	59	37	41	59	41	1,529	1.4	1.8
OtC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	50	73	135	5	10	28	50	32	35	50	35	1,295	1.1	1.5
OuD	OPAL-SANSARC CLAYS, 9 TO 20 PERCENT SLOPES	10	15	27	1	2	6	10	6	7	10	7	259	0.2	0.3
Ow	ORTHENTS, GRAVELLY	2	3	5	0	0	1	2	1	1	2	1	52	0.0	0.1
OxD	ORTON-TALMO LOAMS, 9 TO 25 PERCENT SLOPES	18	26	49	2	4	10	18	11	13	18	12	466	0.4	0.6
PgD	PENO-GETTYS COMPLEX, 9 TO 25 PERCENT SLOPES	14	20	38	1	3	8	14	9	10	14	10	363	0.3	0.4
Pk	PLANKINTON SILT LOAM	51	74	137	5	10	29	51	32	36	51	35	1,321	1.2	1.6
PrA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	73	106	197	7	15	41	73	46	51	73	50	1,891	1.7	2.2
PrB	PROMISE SILTY CLAY, 2 TO 6 PERCENT SLOPES	68	99	183	7	14	38	68	43	48	68	47	1,762	1.6	2.1
Ps	PROSPER LOAM	94	137	253	9	19	53	95	60	66	94	65	2,435	2.2	2.9
RaA	RABER LOAM, 0 TO 2 PERCENT SLOPES	76	111	205	8	15	43	76	48	53	76	52	1,969	1.7	2.3
RaB	RABER LOAM, 2 TO 6 PERCENT SLOPES	67	98	181	7	13	38	67	42	47	67	46	1,736	1.5	2.0
RcA	RABER-CAVO LOAMS, 0 TO 2 PERCENT SLOPES	58	85	156	6	12	33	58	37	41	58	40	1,503	1.3	1.8
RcB	RABER-CAVO LOAMS, 2 TO 6 PERCENT SLOPES	55	80	148	6	11	31	55	35	39	55	38	1,425	1.3	1.7
RpB	RABER-PENO LOAMS, 2 TO 6 PERCENT SLOPES	64	93	172	6	13	36	64	41	45	64	44	1,658	1.5	2.0
RpC	RABER-PENO LOAMS, 6 TO 9 PERCENT SLOPES	51	74	137	5	10	29	51	32	36	51	35	1,321	1.2	1.6
RrA	REE LOAM, 0 TO 2 PERCENT SLOPES	85	124	229	9	17	48	86	54	60	85	59	2,202	2.0	2.6
RsF	ROCK OUTCROP-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	2	3	5	0	0	1	2	1	1	2	1	52	0.0	0.1
SbF	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	5	7	13	1	1	3	5	3	4	5	3	130	0.1	0.2
StA	STICKNEY-JAVA LOAMS, 0 TO 4 PERCENT SLOPES	66	96	178	7	13	37	66	42	46	66	46	1,710	1.5	2.0
SvA	STICKNEY-JAVA-HOVEN COMPLEX, 0 TO 4 PERCENT SLOPES	55	80	148	6	11	31	55	35	39	55	38	1,425	1.3	1.7
TaE	TALMO LOAM, 9 TO 25 PERCENT SLOPES	6	9	16	1	1	3	6	4	4	6	4	155	0.1	0.2
TbA	TALMO SANDY LOAM, 0 TO 3 PERCENT SLOPES	23	34	62	2	5	13	23	15	16	23	16	596	0.5	0.7
TcF	TALMO, STONY-JAVA LOAMS, 9 TO 40 PERCENT SLOPES	7	10	19	1	1	4	7	4	5	7	5	181	0.2	0.2
TdD	TALMO-DELMONT LOAMS, 3 TO 15 PERCENT SLOPES	9	13	24	1	2	5	9	6	6	9	6	233	0.2	0.3
Te	TETONKA SILT LOAM	55	80	148	6	11	31	55	35	39	55	38	1,425	1.3	1.7
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Hyde County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wd	WENDTE SILTY CLAY, CHANNELED	32	47	86	3	6	18	32	20	22	32	22	829	0.7	1.0

Jackson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		57	112	5	15	15	44	29	31	33	34	1,120	1.3	1.3
	County Average Crop Soil Map Unit Productivity Index =	47.51													
Ab	ABSTED SILT LOAM	39	47	92	4	12	12	36	24	25	27	28	920	1.0	1.1
Ar	ARVADA LOAM	19	23	45	2	6	6	18	12	12	13	14	448	0.5	0.5
As	ARVADA-SLICKSPOTS COMPLEX	17	20	40	2	5	5	16	10	11	12	12	401	0.5	0.5
Ba	BADLAND	6	7	14	1	2	2	6	4	4	4	4	141	0.2	0.2
BcB	BECKTON LOAM, 2 TO 6 PERCENT SLOPES	29	35	68	3	9	9	27	18	19	20	21	684	0.8	0.8
BdA	BECKTON-ARVADA LOAMS, 0 TO 2 PERCENT SLOPES	27	33	64	3	8	8	25	17	18	19	19	637	0.7	0.8
BwC	BLACKPIPE-WORTMAN SILT LOAMS, 3 TO 9 PERCENT SLOPES	40	48	94	4	12	12	37	25	26	27	29	943	1.1	1.1
CaA	CACTUSFLAT SILTY CLAY, 0 TO 3 PERCENT SLOPES	62	75	146	6	19	19	57	38	40	43	44	1,462	1.6	1.7
CbB	CACTUSFLAT-WETA COMPLEX, 1 TO 6 PERCENT SLOPES	37	45	87	4	11	12	34	23	24	25	26	872	1.0	1.0
CeA	CEDARPASS SILT LOAM, 0 TO 3 PERCENT SLOPES	60	72	141	6	18	19	55	37	39	41	43	1,415	1.6	1.7
CfA	CEDARPASS-DENBY COMPLEX, 0 TO 4 PERCENT SLOPES	49	59	116	5	15	15	45	30	32	34	35	1,155	1.3	1.4
CoD	COLBY SILT LOAM, 6 TO 15 PERCENT SLOPES	35	42	83	4	11	11	32	22	23	24	25	825	0.9	1.0
Cv	CRAFT-BANKARD VARIANT VERY FINE SANDY LOAMS	60	72	141	6	18	19	55	37	39	41	43	1,415	1.6	1.7
EaB	EMIGRANT LOAM, 1 TO 6 PERCENT SLOPES	59	71	139	6	18	18	54	36	38	40	42	1,391	1.6	1.6
EbA	EMIGRANT-BECKTON VARIANT LOAMS, 0 TO 2 PERCENT SLOPES	51	61	120	5	16	16	47	31	33	35	36	1,203	1.4	1.4
EbC	EMIGRANT-BECKTON VARIANT LOAMS, 2 TO 9 PERCENT SLOPES	36	43	85	4	11	11	33	22	23	25	26	849	1.0	1.0
EcD	EMIGRANT-CONATA COMPLEX, 6 TO 15 PERCENT SLOPES	27	33	64	3	8	8	25	17	18	19	19	637	0.7	0.8
ErB	EMIGRANT-RAZOR COMPLEX, 1 TO 6 PERCENT SLOPES	57	69	134	6	18	18	53	35	37	39	41	1,344	1.5	1.6
ErC	EMIGRANT-RAZOR COMPLEX, 6 TO 9 PERCENT SLOPES	45	54	106	5	14	14	41	28	29	31	32	1,061	1.2	1.3
ErD	EMIGRANT-RAZOR COMPLEX, 9 TO 15 PERCENT SLOPES	31	37	73	3	10	10	29	19	20	21	22	731	0.8	0.9
Fv	FLUVAQUENTS, FLOODED	34	41	80	4	10	11	31	21	22	23	24	802	0.9	0.9
Ha	HAVERSON LOAM	79	95	186	8	24	25	73	49	52	54	56	1,863	2.1	2.2
Hc	HAVERSON-CRAFT COMPLEX	79	95	186	8	24	25	73	49	52	54	56	1,863	2.1	2.2
Ho	HILMOE SILTY CLAY	72	87	170	7	22	22	66	44	47	49	51	1,698	1.9	2.0
HpC	HISLE SILT LOAM, 0 TO 9 PERCENT SLOPES	11	13	26	1	3	3	10	7	7	8	8	259	0.3	0.3
HrC	HISLE-ROCK OUTCROP COMPLEX, 0 TO 9 PERCENT SLOPES	9	11	21	1	3	3	8	6	6	6	6	212	0.2	0.3
HsC	HISLE-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	9	11	21	1	3	3	8	6	6	6	6	212	0.2	0.3
Hu	HURLEY SILT LOAM	18	22	42	2	6	6	17	11	12	12	13	424	0.5	0.5
In	INTERIOR LOAM	36	43	85	4	11	11	33	22	23	25	26	849	1.0	1.0
Io	INTERIOR LOAM, CHANNELED	31	37	73	3	10	10	29	19	20	21	22	731	0.8	0.9
IsB	INTERIOR-CEDARPASS-BADLAND COMPLEX, 0 TO 6 PERCENT SLOPES	31	37	73	3	10	10	29	19	20	21	22	731	0.8	0.9
Iv	INTERIOR-DENBY-CEDARPASS COMPLEX, 0 TO 3 PERCENT SLOPES	40	48	94	4	12	12	37	25	26	27	29	943	1.1	1.1
Ko	KOLLS CLAY	31	37	73	3	10	10	29	19	20	21	22	731	0.8	0.9
KyA	KYLE CLAY, 0 TO 3 PERCENT SLOPES	57	69	134	6	18	18	53	35	37	39	41	1,344	1.5	1.6
KyB	KYLE CLAY, 3 TO 6 PERCENT SLOPES	50	60	118	5	15	16	46	31	33	34	36	1,179	1.3	1.4
KyC	KYLE CLAY, 6 TO 9 PERCENT SLOPES	42	51	99	4	13	13	39	26	27	29	30	990	1.1	1.2
LcD	LARVIE-CONATA CLAYS, 6 TO 15 PERCENT SLOPES	23	28	54	2	7	7	21	14	15	16	16	542	0.6	0.6

Jackson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LhC	LARVIE-HISLE COMPLEX, 2 TO 9 PERCENT SLOPES	34	41	80	4	10	11	31	21	22	23	24	802	0.9	0.9
Lo	LOHMILLER SILTY CLAY	77	93	182	8	24	24	71	47	50	53	55	1,816	2.0	2.1
MhA	METRE-HISLE COMPLEX, 0 TO 2 PERCENT SLOPES	34	41	80	4	10	11	31	21	22	23	24	802	0.9	0.9
MhB	METRE-HISLE COMPLEX, 2 TO 6 PERCENT SLOPES	25	30	59	3	8	8	23	15	16	17	18	590	0.7	0.7
MoB	METRE-LARVIE CLAYS, 2 TO 6 PERCENT SLOPES	41	49	97	4	13	13	38	25	27	28	29	967	1.1	1.1
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
MyE	MIDWAY SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	5	6	12	1	2	2	5	3	3	3	4	118	0.1	0.1
NkD	NIHILL-SAMSIL COMPLEX, 6 TO 15 PERCENT SLOPES	15	18	35	2	5	5	14	9	10	10	11	354	0.4	0.4
NoA	NORKA SILT LOAM, 0 TO 3 PERCENT SLOPES	84	101	198	9	26	26	77	52	55	58	60	1,981	2.2	2.3
NpD	NORKA-COLBY SILT LOAMS, 6 TO 15 PERCENT SLOPES	49	59	116	5	15	15	45	30	32	34	35	1,155	1.3	1.4
NrC	NORREST-WANBLEE COMPLEX, 2 TO 9 PERCENT SLOPES	34	41	80	4	10	11	31	21	22	23	24	802	0.9	0.9
NtA	NORKA-WETA SILT LOAMS, 0 TO 3 PERCENT SLOPES	57	69	134	6	18	18	53	35	37	39	41	1,344	1.5	1.6
NuA	NUNN LOAM, 0 TO 3 PERCENT SLOPES	82	99	193	9	25	26	76	50	54	56	59	1,934	2.2	2.3
NuB	NUNN LOAM, 3 TO 6 PERCENT SLOPES	76	92	179	8	23	24	70	47	50	52	54	1,792	2.0	2.1
NuC	NUNN LOAM, 6 TO 9 PERCENT SLOPES	61	74	144	6	19	19	56	38	40	42	44	1,438	1.6	1.7
NuD	NUNN LOAM, 8 TO 15 PERCENT SLOPES	49	59	116	5	15	15	45	30	32	34	35	1,155	1.3	1.4
NwB	NUNN-BECKTON LOAMS, 2 TO 6 PERCENT SLOPES	57	69	134	6	18	18	53	35	37	39	41	1,344	1.5	1.6
NxD	NUNN-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	39	47	92	4	12	12	36	24	25	27	28	920	1.0	1.1
OrE	ORELLA-ROCK OUTCROP COMPLEX, 3 TO 45 PERCENT SLOPES	8	10	19	1	2	2	7	5	5	5	6	189	0.2	0.2
PcB	PIERRE CLAY, 3 TO 6 PERCENT SLOPES	47	57	111	5	14	15	43	29	31	32	34	1,108	1.2	1.3
PcC	PIERRE CLAY, 6 TO 9 PERCENT SLOPES	39	47	92	4	12	12	36	24	25	27	28	920	1.0	1.1
PhB	PIERRE-HISLE COMPLEX, 1 TO 6 PERCENT SLOPES	37	45	87	4	11	12	34	23	24	25	26	872	1.0	1.0
PkD	PIERRE-SAMSIL CLAYS, 6 TO 15 PERCENT SLOPES	26	31	61	3	8	8	24	16	17	18	19	613	0.7	0.7
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	71	86	167	7	22	22	65	44	46	49	51	1,674	1.9	2.0
PsA	PROMISE-HURLEY COMPLEX, 0 TO 3 PERCENT SLOPES	59	71	139	6	18	18	54	36	38	40	42	1,391	1.6	1.6
PsB	PROMISE-HURLEY COMPLEX, 3 TO 6 PERCENT SLOPES	52	63	123	5	16	16	48	32	34	36	37	1,226	1.4	1.4
PuB	PROMISE-PIERRE CLAYS, 3 TO 6 PERCENT SLOPES	58	70	137	6	18	18	53	36	38	40	41	1,368	1.5	1.6
PuC	PROMISE-PIERRE CLAYS, 6 TO 9 PERCENT SLOPES	48	58	113	5	15	15	44	30	31	33	34	1,132	1.3	1.3
RhC	RAZOR-HISLE COMPLEX, 2 TO 9 PERCENT SLOPES	34	41	80	4	10	11	31	21	22	23	24	802	0.9	0.9
RmD	RAZOR-MIDWAY SILTY CLAY LOAMS, 6 TO 15 PERCENT SLOPES	26	31	61	3	8	8	24	16	17	18	19	613	0.7	0.7
SaF	SAMSIL CLAY, 15 TO 40 PERCENT SLOPES	5	6	12	1	2	2	5	3	3	3	4	118	0.1	0.1
ShE	SAMSIL-HISLE-ROCK OUTCROP COMPLEX, 6 TO 25 PERCENT SLOPES	9	11	21	1	3	3	8	6	6	6	6	212	0.2	0.3
SpE	SAMSIL-PIERRE CLAYS, 15 TO 25 PERCENT SLOPES	9	11	21	1	3	3	8	6	6	6	6	212	0.2	0.3
SrF	SAMSIL-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	4	5	9	0	1	1	4	2	3	3	3	94	0.1	0.1
StC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	59	71	139	6	18	18	54	36	38	40	42	1,391	1.6	1.6
SwB	SAVO-DAWES SILT LOAMS, 2 TO 6 PERCENT SLOPES	69	83	163	7	21	21	64	42	45	47	49	1,627	1.8	1.9
VwC	VALENT-WORTMAN LOAMY FINE SANDS, 3 TO 9 PERCENT SLOPES	17	20	40	2	5	5	16	10	11	12	12	401	0.5	0.5
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wb	WENDTE CLAY	67	81	158	7	21	21	62	41	44	46	48	1,580	1.8	1.9
Wc	WENDTE CLAY, CHANNELED	28	34	66	3	9	9	26	17	18	19	20	660	0.7	0.8

Jackson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WeA	WETA SILT LOAM, 0 TO 3 PERCENT SLOPES	18	22	42	2	6	6	17	11	12	12	13	424	0.5	0.5
WhA	WHITEWATER CLAY, 0 TO 3 PERCENT SLOPES	30	36	71	3	9	9	28	18	20	21	21	707	0.8	0.8
WsC	WORTMAN-HISLE COMPLEX, 2 TO 9 PERCENT SLOPES	24	29	57	2	7	7	22	15	16	16	17	566	0.6	0.7

Jerauld County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		98	182	7	14	35	67	46	46	72	44	1,499	1.8	2.9
	County Average Crop Soil Map Unit Productivity Index =	69.88													
Ad	ALWILDA LOAM	34	48	88	3	7	17	33	22	22	35	21	729	0.9	1.4
Af	ARLO LOAM	42	59	109	4	8	21	40	28	27	43	26	901	1.1	1.7
Ar	ARTESIAN SILTY CLAY	77	108	200	7	16	38	74	51	50	79	48	1,652	2.0	3.1
At	ARTESIAN-BULLCREEK COMPLEX	46	64	119	4	9	23	44	30	30	47	29	987	1.2	1.9
Av	ARTESIAN-DURRSTEIN VARIANT COMPLEX	59	83	153	6	12	29	57	39	39	60	37	1,266	1.5	2.4
Ba	BALTIC SILTY CLAY	29	41	75	3	6	14	28	19	19	30	18	622	0.8	1.2
BdA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES	72	101	187	7	15	36	69	47	47	74	45	1,545	1.9	2.9
BdB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	69	97	179	7	14	34	66	45	45	71	43	1,480	1.8	2.8
BgB	BEADLE-JERAULD-DUDLEY COMPLEX, 1 TO 5 PERCENT SLOPES	43	60	112	4	9	21	41	28	28	44	27	922	1.1	1.8
BlB	BEADLE-LANE COMPLEX, 1 TO 5 PERCENT SLOPES	71	99	184	7	14	35	68	47	46	73	45	1,523	1.9	2.9
BmD	BETTS-ETHAN LOAMS, 6 TO 40 PERCENT SLOPES, STONY	13	18	34	1	3	6	12	9	9	13	8	279	0.3	0.5
BoE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	7	10	18	1	1	3	7	5	5	7	4	150	0.2	0.3
Br	BON LOAM	89	124	231	9	18	44	85	59	58	91	56	1,909	2.3	3.6
Bv	BON LOAM, CHANNELED	30	42	78	3	6	15	29	20	20	31	19	644	0.8	1.2
CdB	CANNING-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	48	67	125	5	10	24	46	32	31	49	30	1,030	1.3	2.0
Cm	CLAMO SILTY CLAY LOAM	59	83	153	6	12	29	57	39	39	60	37	1,266	1.5	2.4
CpB	CLARNO-ETHAN-PROSPER LOAMS, 1 TO 5 PERCENT SLOPES	76	106	197	7	15	38	73	50	50	78	48	1,630	2.0	3.1
CpC	CLARNO-ETHAN-PROSPER LOAMS, 2 TO 9 PERCENT SLOPES	63	88	164	6	13	31	60	41	41	65	40	1,351	1.6	2.6
CrA	CLARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	87	122	226	8	18	43	84	57	57	89	55	1,866	2.3	3.5
DaA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	92	129	239	9	19	46	88	60	60	94	58	1,974	2.4	3.8
DaB	DAVIS LOAM, 2 TO 9 PERCENT SLOPES	86	120	223	8	17	43	83	57	56	88	54	1,845	2.2	3.5
Dc	DAVISON LOAM	78	109	203	8	16	39	75	51	51	80	49	1,673	2.0	3.2
DeC	DELMONT LOAM, 6 TO 9 PERCENT SLOPES	32	45	83	3	6	16	31	21	21	33	20	686	0.8	1.3
DgA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	46	64	119	4	9	23	44	30	30	47	29	987	1.2	1.9
DkD	DELMONT-ETHAN LOAMS, 9 TO 20 PERCENT SLOPES	18	25	47	2	4	9	17	12	12	18	11	386	0.5	0.7
DmD	DELMONT-TALMO LOAMS, 9 TO 20 PERCENT SLOPES	6	8	16	1	1	3	6	4	4	6	4	129	0.2	0.2
DpA	DUDLEY-JERAULD COMPLEX, 0 TO 3 PERCENT SLOPES	31	43	81	3	6	15	30	20	20	32	20	665	0.8	1.3
Du	DURRSTEIN SILT LOAM	10	14	26	1	2	5	10	7	7	10	6	215	0.3	0.4
Dx	DURRSTEIN-EGAS COMPLEX	15	21	39	1	3	7	14	10	10	15	9	322	0.4	0.6
Dz	DURRSTEIN VARIANT-ARTESIAN COMPLEX	35	49	91	3	7	17	34	23	23	36	22	751	0.9	1.4
EaB	EAKIN-ETHAN-ONITA COMPLEX, 2 TO 6 PERCENT SLOPES	77	108	200	7	16	38	74	51	50	79	48	1,652	2.0	3.1
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	59	83	153	6	12	29	57	39	39	60	37	1,266	1.5	2.4
EpB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	50	70	130	5	10	25	48	33	33	51	31	1,073	1.3	2.0
EtD	ETHAN-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	31	43	81	3	6	15	30	20	20	32	20	665	0.8	1.3
Fa	FARMSWORTH-ARTESIAN COMPLEX	50	70	130	5	10	25	48	33	33	51	31	1,073	1.3	2.0
Fd	FARMSWORTH-LANE COMPLEX	54	76	140	5	11	27	52	36	35	55	34	1,158	1.4	2.2
Fe	FEDORA LOAM	53	74	138	5	11	26	51	35	35	54	33	1,137	1.4	2.2

Jerauld County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
GpD	GETTYS-PENO COMPLEX, 9 TO 20 PERCENT SLOPES	28	39	73	3	6	14	27	18	18	29	18	601	0.7	1.1
HaB	HAND-ETHAN-PROSPER LOAMS, 1 TO 5 PERCENT SLOPES	77	108	200	7	16	38	74	51	50	79	48	1,652	2.0	3.1
HaC	HAND-ETHAN-PROSPER LOAMS, 2 TO 9 PERCENT SLOPES	62	87	161	6	12	31	60	41	41	64	39	1,330	1.6	2.5
HcA	HAND-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	83	116	216	8	17	41	80	55	54	85	52	1,780	2.2	3.4
HeB	HENKIN LOAM, 1 TO 5 PERCENT SLOPES	56	78	145	5	11	28	54	37	37	57	35	1,201	1.5	2.3
HfD	HENKIN VARIANT SANDY LOAM, 6 TO 40 PERCENT SLOPES	18	25	47	2	4	9	17	12	12	18	11	386	0.5	0.7
HhA	HIGHMORE-ONITA SILT LOAMS, 0 TO 3 PERCENT SLOPES	91	127	236	9	18	45	87	60	60	93	57	1,952	2.4	3.7
HlA	HOMME-ONITA-BEADLE COMPLEX, 0 TO 2 PERCENT SLOPES	85	119	221	8	17	42	82	56	56	87	54	1,823	2.2	3.5
HpB	HOMME-PENO COMPLEX, 2 TO 6 PERCENT SLOPES	74	104	192	7	15	37	71	49	48	76	47	1,587	1.9	3.0
HpC	HOMME-PENO COMPLEX, 6 TO 9 PERCENT SLOPES	56	78	145	5	11	28	54	37	37	57	35	1,201	1.5	2.3
HrA	HOUDEK-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	64	90	166	6	13	32	61	42	42	66	40	1,373	1.7	2.6
HtB	HOUDEK-DUDLEY-JERAULD COMPLEX, 2 TO 6 PERCENT SLOPES	52	73	135	5	10	26	50	34	34	53	33	1,115	1.4	2.1
HwB	HOUDEK-ETHAN-PROSPER LOAMS, 1 TO 5 PERCENT SLOPES	74	104	192	7	15	37	71	49	48	76	47	1,587	1.9	3.0
HwC	HOUDEK-ETHAN-PROSPER LOAMS, 2 TO 9 PERCENT SLOPES	61	85	158	6	12	30	59	40	40	63	38	1,309	1.6	2.5
HyA	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	82	115	213	8	17	41	79	54	54	84	52	1,759	2.1	3.3
Ln	LANE SILTY CLAY LOAM	87	122	226	8	18	43	84	57	57	89	55	1,866	2.3	3.5
Lw	LAWET LOAM	55	77	143	5	11	27	53	36	36	56	35	1,180	1.4	2.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
On	ONITA SILT LOAM, 0 TO 3 PERCENT SLOPES	95	133	247	9	19	47	91	62	62	97	60	2,038	2.5	3.9
Op	ONITA-PLANKINTON SILT LOAMS	81	113	210	8	16	40	78	53	53	83	51	1,738	2.1	3.3
PgC	PENO-GETTYS COMPLEX, 6 TO 9 PERCENT SLOPES	42	59	109	4	8	21	40	28	27	43	26	901	1.1	1.7
Ph	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pk	PLANKINTON SILT LOAM	56	78	145	5	11	28	54	37	37	57	35	1,201	1.5	2.3
Pr	PLANKINTON-CROSSPLAIN COMPLEX	59	83	153	6	12	29	57	39	39	60	37	1,266	1.5	2.4
ReA	REE LOAM, 0 TO 2 PERCENT SLOPES	85	119	221	8	17	42	82	56	56	87	54	1,823	2.2	3.5
ReB	REE LOAM, 2 TO 6 PERCENT SLOPES	78	109	203	8	16	39	75	51	51	80	49	1,673	2.0	3.2
RnA	REE-CANNING LOAMS, 0 TO 2 PERCENT SLOPES	77	108	200	7	16	38	74	51	50	79	48	1,652	2.0	3.1
RnB	REE-CANNING LOAMS, 2 TO 6 PERCENT SLOPES	65	91	169	6	13	32	62	43	43	67	41	1,394	1.7	2.7
Te	TETONKA SILT LOAM	60	84	156	6	12	30	58	39	39	62	38	1,287	1.6	2.4
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wo	WORTHING SILTY CLAY LOAM	31	43	81	3	6	15	30	20	20	32	20	665	0.8	1.3
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	7	13	0	1	2	5	3	3	5	3	107	0.1	0.2

Jones County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	*SoilDescription*	*Prod Index*	*Corn - Grain*		*Corn Silage*		*Soy-beans*	*Grain Sorghum*	*Spring Wheat*	*Winter Wheat*	*Oats*	*Barley*	*Sun flowers*	*Hay*	*Alfalfa*
			Dry	*Irr*	*Dry*	*Irr*									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		65	168	6	12	26	54	24	39	63	44	1,469	1.8	1.3
	County Average Crop Soil Map Unit Productivity Index =	58.47													
Ab	ALBATON SILTY CLAY, DEPRESSIONAL	45	50	129	4	10	20	42	19	30	48	34	1,130	1.3	1.0
Bb	BIGBEND SILT LOAM	84	94	241	8	18	38	78	35	55	90	63	2,110	2.5	1.9
Bf	BIGBEND SILT LOAM, FLOODED	31	35	89	3	7	14	29	13	20	33	23	779	0.9	0.7
Bg	BIGBEND SILTY CLAY LOAM	85	95	244	8	18	38	79	36	56	91	64	2,135	2.5	1.9
Bh	BIGBEND VERY FINE SANDY LOAM	84	94	241	8	18	38	78	35	55	90	63	2,110	2.5	1.9
Bi	BIGBEND-INAVALE COMPLEX	66	74	189	6	14	30	61	28	43	71	49	1,658	2.0	1.5
Bu	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	9	10	26	1	2	4	8	4	6	10	7	226	0.3	0.2
Bx	BULLCREEK-SLICKSPOTS COMPLEX	9	10	26	1	2	4	8	4	6	10	7	226	0.3	0.2
CpA	CAPA SILT LOAM, 0 TO 6 PERCENT SLOPES	15	17	43	1	3	7	14	6	10	16	11	377	0.4	0.3
Hb	HERDCAMP-BULLCREEK COMPLEX	21	24	60	2	4	9	19	9	14	23	16	527	0.6	0.5
Hg	HILMOE SILT LOAM, OVERWASH	72	81	206	7	15	33	67	30	47	77	54	1,809	2.2	1.6
Hm	HILMOE SILTY CLAY	72	81	206	7	15	33	67	30	47	77	54	1,809	2.2	1.6
Hn	HILMOE-INAVALE COMPLEX	60	67	172	6	13	27	55	25	40	64	45	1,507	1.8	1.3
Ho	HOVEN SILT LOAM	10	11	29	1	2	5	9	4	7	11	7	251	0.3	0.2
In	INAVALE LOAMY FINE SAND	45	50	129	4	10	20	42	19	30	48	34	1,130	1.3	1.0
KeA	KIRLEY CLAY LOAM, 0 TO 2 PERCENT SLOPES	87	97	249	8	19	39	80	36	57	93	65	2,185	2.6	1.9
KeB	KIRLEY CLAY LOAM, 2 TO 6 PERCENT SLOPES	82	92	235	8	17	37	76	34	54	88	61	2,060	2.5	1.8
KeC	KIRLEY CLAY LOAM, 6 TO 9 PERCENT SLOPES	63	71	181	6	13	28	58	26	41	68	47	1,582	1.9	1.4
KeD	KIRLEY CLAY LOAM, 9 TO 15 PERCENT SLOPES	51	57	146	5	11	23	47	21	34	55	38	1,281	1.5	1.1
KmB	KIRLEY-MOSHER COMPLEX, 0 TO 6 PERCENT SLOPES	63	71	181	6	13	28	58	26	41	68	47	1,582	1.9	1.4
KnB	KIRLEY-VIVIAN COMPLEX, 2 TO 6 PERCENT SLOPES	59	66	169	6	13	27	55	25	39	63	44	1,482	1.8	1.3
KnC	KIRLEY-VIVIAN COMPLEX, 6 TO 9 PERCENT SLOPES	44	49	126	4	9	20	41	18	29	47	33	1,105	1.3	1.0
KnD	KIRLEY-VIVIAN COMPLEX, 9 TO 25 PERCENT SLOPES	37	41	106	4	8	17	34	15	24	40	28	929	1.1	0.8
Ko	KOLLS SILTY CLAY	30	34	86	3	6	14	28	13	20	32	22	754	0.9	0.7
Kp	KOLLS SILTY CLAY, PONDED	6	7	17	1	1	3	6	3	4	6	4	151	0.2	0.1
LaB	LAKOMA SILTY CLAY, 3 TO 6 PERCENT SLOPES	54	60	155	5	11	24	50	23	36	58	40	1,356	1.6	1.2
LaC	LAKOMA SILTY CLAY, 6 TO 9 PERCENT SLOPES	43	48	123	4	9	19	40	18	28	46	32	1,080	1.3	1.0
LaD	LAKOMA SILTY CLAY, 6 TO 15 PERCENT SLOPES	32	36	92	3	7	14	30	13	21	34	24	804	1.0	0.7
LkC	LAKOMA-KIRLEY COMPLEX, 4 TO 9 PERCENT SLOPES	57	64	163	6	12	26	53	24	38	61	43	1,432	1.7	1.3
LvE	LAKOMA-VIVIAN COMPLEX, 9 TO 25 PERCENT SLOPES	28	31	80	3	6	13	26	12	18	30	21	703	0.8	0.6
MlA	MILLBORO SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	87	97	249	8	19	39	80	36	57	93	65	2,185	2.6	1.9
MlB	MILLBORO SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	82	92	235	8	17	37	76	34	54	88	61	2,060	2.5	1.8
MlC	MILLBORO SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	64	72	183	6	14	29	59	27	42	69	48	1,608	1.9	1.4
Mo	MOSHER SILT LOAM	35	39	100	3	7	16	32	15	23	38	26	879	1.0	0.8
Mp	MOSHER-CAPA SILT LOAMS	30	34	86	3	6	14	28	13	20	32	22	754	0.9	0.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Nb	NIMBRO SILTY CLAY LOAM	80	90	229	8	17	36	74	33	53	86	60	2,009	2.4	1.8

Jones County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Nc	NIMBRO SILTY CLAY LOAM, CHANNELED	30	34	86	3	6	14	28	13	20	32	22	754	0.9	0.7
OaF	OKATON SILTY CLAY, 25 TO 60 PERCENT SLOPES	4	4	11	0	1	2	4	2	3	4	3	100	0.1	0.1
ObE	OKATON-LAKOMA SILTY CLAYS, 15 TO 40 PERCENT SLOPES	10	11	29	1	2	5	9	4	7	11	7	251	0.3	0.2
OkE	OKATON-WENDTE-BULLCREEK COMPLEX, 0 TO 45 PERCENT SLOPES	15	17	43	1	3	7	14	6	10	16	11	377	0.4	0.3
OlB	OPAL CLAY LOAM, 3 TO 6 PERCENT SLOPES	59	66	169	6	13	27	55	25	39	63	44	1,482	1.8	1.3
OlC	OPAL CLAY LOAM, 6 TO 9 PERCENT SLOPES	51	57	146	5	11	23	47	21	34	55	38	1,281	1.5	1.1
OlD	OPAL CLAY LOAM, 6 TO 15 PERCENT SLOPES	34	38	97	3	7	15	31	14	22	36	25	854	1.0	0.8
OpA	OPAL CLAY, 0 TO 3 PERCENT SLOPES	65	73	186	6	14	29	60	27	43	70	49	1,633	1.9	1.5
OpB	OPAL CLAY, 3 TO 6 PERCENT SLOPES	60	67	172	6	13	27	55	25	40	64	45	1,507	1.8	1.3
OpC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	50	56	143	5	11	23	46	21	33	54	37	1,256	1.5	1.1
OpD	OPAL CLAY, 6 TO 15 PERCENT SLOPES	34	38	97	3	7	15	31	14	22	36	25	854	1.0	0.8
Ot	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	70	78	201	7	15	32	65	29	46	75	52	1,758	2.1	1.6
PrB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	66	74	189	6	14	30	61	28	43	71	49	1,658	2.0	1.5
PrC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES	55	62	158	5	12	25	51	23	36	59	41	1,382	1.6	1.2
PsA	PROMISE-BULLCREEK CLAYS	44	49	126	4	9	20	41	18	29	47	33	1,105	1.3	1.0
PtA	PROMISE-BULLCREEK-KOLLS COMPLEX	44	49	126	4	9	20	41	18	29	47	33	1,105	1.3	1.0
Pu	PROMISE-CAPA COMPLEX	51	57	146	5	11	23	47	21	34	55	38	1,281	1.5	1.1
ReA	REE LOAM, 0 TO 2 PERCENT SLOPES	85	95	244	8	18	38	79	36	56	91	64	2,135	2.5	1.9
ReB	REE LOAM, 2 TO 6 PERCENT SLOPES	78	87	224	8	17	35	72	33	51	84	58	1,959	2.3	1.7
ReC	REE LOAM, 6 TO 9 PERCENT SLOPES	61	68	175	6	13	28	56	26	40	65	46	1,532	1.8	1.4
SaE	SANSARC CLAY, 15 TO 40 PERCENT SLOPES	3	3	9	0	1	1	3	1	2	3	2	75	0.1	0.1
SoE	SANSARC-OPAL CLAYS, 9 TO 40 PERCENT SLOPES	6	7	17	1	1	3	6	3	4	6	4	151	0.2	0.1
SrE	SANSARC-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	3	3	9	0	1	1	3	1	2	3	2	75	0.1	0.1
SvE	SANSARC-VIVIAN COMPLEX, 9 TO 40 PERCENT SLOPES	6	7	17	1	1	3	6	3	4	6	4	151	0.2	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wc	WENDTE SILTY CLAY	72	81	206	7	15	33	67	30	47	77	54	1,809	2.2	1.6
Wd	WENDTE SILTY CLAY, CHANNELED	28	31	80	3	6	13	26	12	18	30	21	703	0.8	0.6
Wt	WITTEN SILTY CLAY	79	88	226	8	17	36	73	33	52	85	59	1,984	2.4	1.8

Kingsbury County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		139	162	13	13	37		50	59	94	62		2.0	3.5
	County Average Crop Soil Map Unit Productivity Index =	73.56													
Ba	BADGER SILTY CLAY LOAM	80	151	177	14	15	40		55	64	102	67		2.2	3.8
Bb	BALTIC SILTY CLAY LOAM	31	59	68	5	6	15		21	25	39	26		0.8	1.5
BcB	BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	70	132	154	12	13	35		48	56	89	59		1.9	3.3
BcC	BARNES-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	55	104	121	10	10	27		38	44	70	46		1.5	2.6
BdA	BEADLE LOAM, 0 TO 2 PERCENT SLOPES	75	142	165	13	14	37		51	60	95	63		2.1	3.5
BdB	BEADLE LOAM, 2 TO 6 PERCENT SLOPES	66	125	146	12	12	33		45	52	84	56		1.8	3.1
BdC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	55	104	121	10	10	27		38	44	70	46		1.5	2.6
BeA	BEADLE-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	60	113	132	11	11	30		41	48	76	51		1.6	2.8
Bn	BON LOAM	92	174	203	16	17	46		63	73	117	78		2.5	4.3
Bo	BON LOAM, CHANNELED	31	59	68	5	6	15		21	25	39	26		0.8	1.5
BrB	BRANDT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	151	177	14	15	40		55	64	102	67		2.2	3.8
BuC	BUSE-BARNES LOAMS, 6 TO 9 PERCENT SLOPES	60	113	132	11	11	30		41	48	76	51		1.6	2.8
BuD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	30	57	66	5	5	15		21	24	38	25		0.8	1.4
BxD	BUSE-HOLMQUIST, CHANNELED, LOAMS, 0 TO 20 PERCENT SLOPES	26	49	57	5	5	13		18	21	33	22		0.7	1.2
CbA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	88	166	194	16	16	44		60	70	112	74		2.4	4.2
CbB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	84	159	185	15	15	42		58	67	107	71		2.3	4.0
CeB	CLARNO-ETHAN-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	79	149	174	14	14	39		54	63	100	67		2.2	3.7
CeC	CLARNO-ETHAN-BONILLA LOAMS, 2 TO 9 PERCENT SLOPES	66	125	146	12	12	33		45	52	84	56		1.8	3.1
Ct	CROSSPLAIN-TETONKA COMPLEX	73	138	161	13	13	36		50	58	93	62		2.0	3.4
Cu	CUBDEN SILTY CLAY LOAM	79	149	174	14	14	39		54	63	100	67		2.2	3.7
Cv	CUBDEN-BADGER SILTY CLAY LOAMS	80	151	177	14	15	40		55	64	102	67		2.2	3.8
Cw	CUBDEN-TONKA SILTY CLAY LOAMS	71	134	157	13	13	35		49	56	90	60		1.9	3.4
Dc	DAVISON-CROSSPLAIN COMPLEX	78	148	172	14	14	39		54	62	99	66		2.1	3.7
DeA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	41	78	90	7	7	20		28	33	52	35		1.1	1.9
DtB	DELMONT-TALMO LOAMS, 2 TO 6 PERCENT SLOPES	34	64	75	6	6	17		23	27	43	29		0.9	1.6
Dv	DIVIDE LOAM	54	102	119	10	10	27		37	43	69	46		1.5	2.6
Dx	DUDLEY-JERAULD SILT LOAMS	29	55	64	5	5	14		20	23	37	24		0.8	1.4
Dy	DURRSTEIN SILT LOAM	6	11	13	1	1	3		4	5	8	5		0.2	0.3
EgA	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	64	121	141	11	12	32		44	51	81	54		1.8	3.0
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	55	104	121	10	10	27		38	44	70	46		1.5	2.6
EmC	EGELAND-MADDOCK SANDY LOAMS, 6 TO 9 PERCENT SLOPES	42	79	93	7	8	21		29	33	53	35		1.2	2.0
EnD	ETHAN-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	32	61	71	6	6	16		22	25	41	27		0.9	1.5
EoD	ETHAN-BON, CHANNELED, LOAMS, 0 TO 20 PERCENT SLOPES	39	74	86	7	7	19		27	31	50	33		1.1	1.8
EtC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	60	113	132	11	11	30		41	48	76	51		1.6	2.8
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	43	81	95	8	8	21		30	34	55	36		1.2	2.0
HbB	HENKIN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	54	102	119	10	10	27		37	43	69	46		1.5	2.6
HeA	HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	170	199	16	16	45		62	72	114	76		2.5	4.3

Kingsbury County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HeB	HETLAND SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	161	188	15	15	42		58	68	108	72		2.3	4.0
HpA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	87	165	192	15	16	43		60	69	111	73		2.4	4.1
HpB	HOUDEK-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	83	157	183	15	15	41		57	66	106	70		2.3	3.9
HsA	HOUDEK-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	77	146	170	14	14	38		53	61	98	65		2.1	3.6
HsB	HOUDEK-STICKNEY COMPLEX, 2 TO 6 PERCENT SLOPES	74	140	163	13	13	37		51	59	94	62		2.0	3.5
Ht	HOUDEK-STICKNEY-TETONKA COMPLEX	74	140	163	13	13	37		51	59	94	62		2.0	3.5
Hv	HOVEN SILT LOAM	15	28	33	3	3	7		10	12	19	13		0.4	0.7
Lh	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	34	64	75	6	6	17		23	27	43	29		0.9	1.6
Lm	LAMOURE SILTY CLAY LOAM	68	129	150	12	12	34		47	54	86	57		1.9	3.2
Lo	LOWE LOAM	54	102	119	10	10	27		37	43	69	46		1.5	2.6
Ma	MARYSLAND LOAM	48	91	106	8	9	24		33	38	61	40		1.3	2.3
MeA	MINNEWASTA SANDY LOAM, 0 TO 2 PERCENT SLOPES	43	81	95	8	8	21		30	34	55	36		1.2	2.0
Mw	MINNEWAUKAN LOAMY SAND	38	72	84	7	7	19		26	30	48	32		1.0	1.8
Od	OLDHAM SILTY CLAY LOAM	34	64	75	6	6	17		23	27	43	29		0.9	1.6
Og	ORTHENTS, GRAVELLY	3	6	7	1	1	1		2	2	4	3		0.1	0.1
Pa	PARNELL SILTY CLAY LOAM	34	64	75	6	6	17		23	27	43	29		0.9	1.6
Pm	PLAYMOOR SILTY CLAY LOAM	33	62	73	6	6	16		23	26	42	28		0.9	1.6
PoB	POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	81	153	179	14	15	40		56	64	103	68		2.2	3.8
PoC	POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	71	134	157	13	13	35		49	56	90	60		1.9	3.4
PrB	POINSETT-RUSKLYN-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	82	155	181	14	15	41		56	65	104	69		2.2	3.9
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	178	207	17	17	47		65	75	119	79		2.6	4.4
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	89	168	196	16	16	44		61	71	113	75		2.4	4.2
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	45	85	99	8	8	22		31	36	57	38		1.2	2.1
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	43	81	95	8	8	21		30	34	55	36		1.2	2.0
RsB	RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	33	62	73	6	6	16		23	26	42	28		0.9	1.6
RsC	RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	25	47	55	4	5	12		17	20	32	21		0.7	1.2
SnA	SINAI SILTY CLAY, 0 TO 2 PERCENT SLOPES	81	153	179	14	15	40		56	64	103	68		2.2	3.8
SrD	SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	17	32	38	3	3	8		12	14	22	14		0.5	0.8
Ss	SOUTHAM SILTY CLAY LOAM	7	13	15	1	1	3		5	6	9	6		0.2	0.3
St	STICKNEY-DUDLEY SILT LOAMS	54	102	119	10	10	27		37	43	69	46		1.5	2.6
Sv	STICKNEY-DUDLEY-HOVEN SILT LOAMS	42	79	93	7	8	21		29	33	53	35		1.2	2.0
TdD	TALMO-DELMONT LOAMS, 6 TO 15 PERCENT SLOPES	9	17	20	2	2	4		6	7	11	8		0.2	0.4
Te	TETONKA SILT LOAM	58	110	128	10	11	29		40	46	74	49		1.6	2.7
To	TONKA SILTY CLAY LOAM	58	110	128	10	11	29		40	46	74	49		1.6	2.7
VbA	VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	89	168	196	16	16	44		61	71	113	75		2.4	4.2
VbB	VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	85	161	188	15	15	42		58	68	108	72		2.3	4.0
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAUBAY SILTY CLAY LOAM	98	185	216	17	18	49		67	78	125	83		2.7	4.6
Wb	WAUBAY-BADGER SILTY CLAY LOAMS	90	170	199	16	16	45		62	72	114	76		2.5	4.3
Wo	WORTHING SILTY CLAY LOAM	31	59	68	5	6	15		21	25	39	26		0.8	1.5

Kingsbury County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wp	WORTHING SILTY CLAY LOAM, PONDED	10	19	22	2	2	5		7	8	13	8		0.3	0.5

Lake County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		152	187	14	15	40		50	64	76	62		1.9	3.9
	County Average Crop Soil Map Unit Productivity Index =	76.3													
Ba	BADUS SILTY CLAY LOAM	64	128	157	12	13	33		42	53	64	52		1.6	3.3
Bc	BALTIC SILTY CLAY LOAM	32	64	78	6	6	17		21	27	32	26		0.8	1.6
BdA	BEADLE CLAY LOAM, 0 TO 2 PERCENT SLOPES	79	158	194	15	16	41		52	66	79	64		2.0	4.0
BdB	BEADLE CLAY LOAM, 2 TO 6 PERCENT SLOPES	69	138	169	13	14	36		45	57	69	56		1.7	3.5
BdC	BEADLE CLAY LOAM, 6 TO 9 PERCENT SLOPES	55	110	135	10	11	29		36	46	55	45		1.4	2.8
CaA	CLARNO LOAM, 0 TO 2 PERCENT SLOPES	87	174	213	16	17	45		57	72	87	71		2.2	4.4
CaB	CLARNO LOAM, 2 TO 6 PERCENT SLOPES	81	162	199	15	16	42		53	67	81	66		2.0	4.1
CaC	CLARNO LOAM, 6 TO 9 PERCENT SLOPES	64	128	157	12	13	33		42	53	64	52		1.6	3.3
CeB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	78	156	191	14	15	40		51	65	78	63		1.9	4.0
CeC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	60	120	147	11	12	31		40	50	60	49		1.5	3.1
CeD	CLARNO-ETHAN LOAMS, 9 TO 16 PERCENT SLOPES	45	90	110	8	9	23		30	37	45	37		1.1	2.3
Da	DAVIS LOAM	91	182	223	17	18	47		60	76	91	74		2.3	4.6
DeB	DELMONT-TALMO LOAMS, 2 TO 6 PERCENT SLOPES	32	64	78	6	6	17		21	27	32	26		0.8	1.6
DeC	DELMONT-TALMO LOAMS, 6 TO 9 PERCENT SLOPES	27	54	66	5	5	14		18	22	27	22		0.7	1.4
DmA	DEMPSTER SILT LOAM, 0 TO 2 PERCENT SLOPES	67	134	164	12	13	35		44	56	67	54		1.7	3.4
DmB	DEMPSTER SILT LOAM, 2 TO 6 PERCENT SLOPES	55	110	135	10	11	29		36	46	55	45		1.4	2.8
DpC	DEMPSTER-DELMONT COMPLEX, 6 TO 9 PERCENT SLOPES	40	80	98	7	8	21		26	33	40	33		1.0	2.0
EaC	EGAN SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	73	146	179	13	14	38		48	61	73	59		1.8	3.7
EbA	EGAN-BEADLE COMPLEX, 0 TO 2 PERCENT SLOPES	87	174	213	16	17	45		57	72	87	71		2.2	4.4
EbB	EGAN-BEADLE COMPLEX, 2 TO 6 PERCENT SLOPES	78	156	191	14	15	40		51	65	78	63		1.9	4.0
EbC	EGAN-BEADLE COMPLEX, 6 TO 9 PERCENT SLOPES	66	132	162	12	13	34		43	55	66	54		1.6	3.4
EeB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	76	152	186	14	15	39		50	63	76	62		1.9	3.9
EeC2	EGAN-ETHAN COMPLEX, 6 TO 9 PERCENT SLOPES, ERODED	66	132	162	12	13	34		43	55	66	54		1.6	3.4
EgA	EGAN-VIBORG SILTY CLAY LOAMS, 0 TO 3 PERCENT SLOPES	92	184	225	17	18	48		61	77	92	75		2.3	4.7
EhB	EGAN-WENTWORTH SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	84	168	206	15	17	44		55	70	84	68		2.1	4.3
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	59	118	145	11	12	31		39	49	59	48		1.5	3.0
EoF	ETHAN-BETTS LOAMS, 21 TO 40 PERCENT SLOPES	11	22	27	2	2	6		7	9	11	9		0.3	0.6
ErE	ETHAN-CLARNO LOAMS, 16 TO 21 PERCENT SLOPES	29	58	71	5	6	15		19	24	29	24		0.7	1.5
EsE	ETHAN-CLARNO STONY COMPLEX, 6 TO 25 PERCENT SLOPES	14	28	34	3	3	7		9	12	14	11		0.3	0.7
EtD	ETHAN-DAVIS STONY COMPLEX, 3 TO 21 PERCENT SLOPES	26	52	64	5	5	13		17	22	26	21		0.6	1.3
Gp	ORTHENTS, GRAVELLY	2	4	5	0	0	1		1	2	2	2		0.0	0.1
Gr	GRACEVILLE SILTY CLAY LOAM	85	170	208	16	17	44		56	71	85	69		2.1	4.3
HeA	HENKIN LOAM, 0 TO 3 PERCENT SLOPES	59	118	145	11	12	31		39	49	59	48		1.5	3.0
HeB	HENKIN LOAM, 3 TO 9 PERCENT SLOPES	45	90	110	8	9	23		30	37	45	37		1.1	2.3
HkB	HOUDEK LOAM, 2 TO 6 PERCENT SLOPES	81	162	199	15	16	42		53	67	81	66		2.0	4.1
HpA	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	88	176	216	16	17	46		58	73	88	72		2.2	4.5
La	LAMO SILTY CLAY LOAM	68	136	167	13	13	35		45	57	68	55		1.7	3.5

Lake County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Mar	WORTHING SILTY CLAY LOAM, PONDED	9	18	22	2	2	5		6	7	9	7		0.2	0.5
MnB	MOODY-NORA COMPLEX, 2 TO 6 PERCENT SLOPES	87	174	213	16	17	45		57	72	87	71		2.2	4.4
MtA	MOODY-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	95	190	233	17	19	49		63	79	95	77		2.4	4.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
NcC	NORA-CROFTON SILT LOAMS, 6 TO 9 PERCENT SLOPES	70	140	172	13	14	36		46	58	70	57		1.7	3.6
PrA	PROSPER LOAM, 0 TO 2 PERCENT SLOPES	93	186	228	17	18	48		61	77	93	76		2.3	4.7
Ra	RAUVILLE SILTY CLAY LOAM	30	60	74	6	6	16		20	25	30	24		0.7	1.5
Sa	MINNEWAUKAN LOAMY SAND	38	76	93	7	7	20		25	32	38	31		0.9	1.9
ScA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	180	221	17	18	47		59	75	90	73		2.2	4.6
SdB	HUNTIMER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	170	208	16	17	44		56	71	85	69		2.1	4.3
StA	STICKNEY-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	70	140	172	13	14	36		46	58	70	57		1.7	3.6
TdE	TALMO-DELMONT LOAMS, 6 TO 21 PERCENT SLOPES	12	24	29	2	2	6		8	10	12	10		0.3	0.6
Te	TETONKA SILT LOAM	60	120	147	11	12	31		40	50	60	49		1.5	3.1
VbA	VIBORG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	96	192	235	18	19	50		63	80	96	78		2.4	4.9
VgB	VIBORG-EGAN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	87	174	213	16	17	45		57	72	87	71		2.2	4.4
Vo	ARLO SILTY CLAY LOAM	46	92	113	8	9	24		30	38	46	37		1.1	2.3
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
WeA	WENTWORTH-EGAN SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	186	228	17	18	48		61	77	93	76		2.3	4.7
Wh	WHITEWOOD SILTY CLAY LOAM	83	166	203	15	16	43		55	69	83	67		2.1	4.2
Wo	WORTHING SILTY CLAY LOAM	33	66	81	6	6	17		22	27	33	27		0.8	1.7

Lawrence County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		54	39	2	2	15	45	30	35	45	34	1,236	1.2	1.8
	County Average Crop Soil Map Unit Productivity Index =	63													
AaB	ALICE FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	57	49	36	2	2	13	40	27	32	41	31	1,118	1.1	1.6
Ba	BARNUM SILT LOAM	81	70	51	3	3	19	57	39	45	58	44	1,589	1.6	2.3
Bb	BARNUM SILT LOAM, CHANNELED	36	31	22	1	1	8	25	17	20	26	19	706	0.7	1.0
BcA	BONEEK SILT LOAM, 0 TO 2 PERCENT SLOPES	62	53	39	2	2	15	44	30	35	44	33	1,216	1.2	1.8
BcB	BONEEK SILT LOAM, 2 TO 6 PERCENT SLOPES	54	46	34	2	2	13	38	26	30	38	29	1,059	1.1	1.5
BcC	BONEEK SILT LOAM, 6 TO 9 PERCENT SLOPES	45	39	28	2	2	11	32	21	25	32	24	883	0.9	1.3
BdE	BUSKA-ROCK OUTCROP ASSOCIATION, HILLY	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
BeE	BUTCHE STONY LOAM, 6 TO 50 PERCENT SLOPES	5	4	3	0	0	1	4	2	3	4	3	98	0.1	0.1
BhE	BUTCHE-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	6	5	4	0	0	1	4	3	3	4	3	118	0.1	0.2
BkD	BUTCHE-SATANTA LOAMS, 6 TO 25 PERCENT SLOPES	23	20	14	1	1	5	16	11	13	16	12	451	0.4	0.7
CaD	CANYON-BRIDGET COMPLEX, 6 TO 25 PERCENT SLOPES	25	21	16	1	1	6	18	12	14	18	13	490	0.5	0.7
CaE	CANYON-BRIDGET COMPLEX, 9 TO 50 PERCENT SLOPES	14	12	9	1	1	3	10	7	8	10	8	275	0.3	0.4
CbE	CITADEL ASSOCIATION, HILLY	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
Cc	DUMPS, MINE	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
EaD	ENNING-MINNEQUA SILTY CLAY LOAMS, 6 TO 25 PERCENT SLOPES	16	14	10	1	1	4	11	8	9	11	9	314	0.3	0.5
GaD	GLENBERG VARIANT FINE SANDY LOAM	43	37	27	2	2	10	30	20	24	31	23	843	0.8	1.2
GbE	GRIZZLY-VIRKULA ASSOCIATION, STEEP	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
GcD	GRUMMIT-ROCK OUTCROP COMPLEX, 3 TO 20 PERCENT SLOPES	9	8	6	0	0	2	6	4	5	6	5	177	0.2	0.3
GdE	GRUMMIT-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES	3	3	2	0	0	1	2	1	2	2	2	59	0.1	0.1
GeD	GYPNEVEE-REKOP LOAMS, 6 TO 25 PERCENT SLOPES	16	14	10	1	1	4	11	8	9	11	9	314	0.3	0.5
Ha	HIGGINS SILT LOAM	34	29	21	1	1	8	24	16	19	24	18	667	0.7	1.0
HbF	HISEGA-ROCK OUTCROP ASSOCIATION, STEEP	3	3	2	0	0	1	2	1	2	2	2	59	0.1	0.1
HcA	HISLE SILT LOAM, 0 TO 3 PERCENT SLOPES	12	10	7	0	0	3	8	6	7	9	6	235	0.2	0.3
HdA	HISLE-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	12	10	7	0	0	3	8	6	7	9	6	235	0.2	0.3
KaA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	63	54	39	2	2	15	45	30	35	45	34	1,236	1.2	1.8
KaB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	56	48	35	2	2	13	40	27	31	40	30	1,098	1.1	1.6
LaE	LAKOA SILT LOAM, 25 TO 50 PERCENT SLOPES	6	5	4	0	0	1	4	3	3	4	3	118	0.1	0.2
MaC	MAITLAND LOAM, 2 TO 9 PERCENT SLOPES	6	5	4	0	0	1	4	3	3	4	3	118	0.1	0.2
MaD	MAITLAND LOAM, 9 TO 50 PERCENT SLOPES	5	4	3	0	0	1	4	2	3	4	3	98	0.1	0.1
MbE	MARSHBROOK-MAITLAND ASSOCIATION, SLOPING	18	15	11	1	1	4	13	9	10	13	10	353	0.4	0.5
McD	MIDWAY-RAZOR SILTY CLAY LOAMS, 6 TO 25 PERCENT SLOPES	18	15	11	1	1	4	13	9	10	13	10	353	0.4	0.5
NaB	NEVEE SILT LOAM, 2 TO 6 PERCENT SLOPES	61	52	38	2	2	14	43	29	34	43	33	1,196	1.2	1.7
NaC	NEVEE SILT LOAM, 6 TO 9 PERCENT SLOPES	46	40	29	2	2	11	33	22	26	33	25	902	0.9	1.3
NbD	NEVEE-SPEARFISH-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	12	10	7	0	0	3	8	6	7	9	6	235	0.2	0.3
NcD	NIHILL GRAVELLY LOAM, 6 TO 25 PERCENT SLOPES	10	9	6	0	0	2	7	5	6	7	5	196	0.2	0.3
NdA	NUNN CLAY LOAM, 0 TO 2 PERCENT SLOPES	85	73	53	3	3	20	60	40	48	60	46	1,667	1.7	2.4
NdB	NUNN CLAY LOAM, 2 TO 6 PERCENT SLOPES	78	67	49	3	3	18	55	37	44	55	42	1,530	1.5	2.2

Lawrence County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
NdC	NUNN CLAY LOAM, 6 TO 9 PERCENT SLOPES	65	56	41	3	3	15	46	31	36	46	35	1,275	1.3	1.9
PaE	PACTOLA-ROCK OUTCROP ASSOCIATION, HILLY	1	1	1	0	0	0	1	0	1	1	1	20	0.0	0.0
PbE	PAUNSAUGUNT-ROCK OUTCROP COMPLEX, 6 TO 50 PERCENT SLOPES	8	7	5	0	0	2	6	4	4	6	4	157	0.2	0.2
PcB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	49	42	31	2	2	12	35	23	27	35	26	961	1.0	1.4
PcD	PIERRE CLAY, 6 TO 25 PERCENT SLOPES	28	24	17	1	1	7	20	13	16	20	15	549	0.5	0.8
Pe	PITS, QUARRY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
RaE	REKOP-GYPNEVEE-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES	11	9	7	0	0	3	8	5	6	8	6	216	0.2	0.3
RbF	ROCK OUTCROP-PACTOLA ASSOCIATION, STEEP	1	1	1	0	0	0	1	0	1	1	1	20	0.0	0.0
RcF	ROCK OUTCROP-VANOCKER ASSOCIATION, VERY STEEP	1	1	1	0	0	0	1	0	1	1	1	20	0.0	0.0
SaA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	85	73	53	3	3	20	60	40	48	60	46	1,667	1.7	2.4
SaB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	80	69	50	3	3	19	57	38	45	57	43	1,569	1.6	2.3
SaC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	60	52	37	2	2	14	42	29	34	43	32	1,177	1.2	1.7
SbA	SAVO SILT LOAM, 0 TO 2 PERCENT SLOPES	89	77	56	3	3	21	63	42	50	63	48	1,745	1.7	2.5
SbB	SAVO SILT LOAM, 2 TO 6 PERCENT SLOPES	82	71	51	3	3	19	58	39	46	58	44	1,608	1.6	2.3
ScD	SNOMO-ROCK OUTCROP COMPLEX, 6 TO 25 PERCENT SLOPES	4	3	2	0	0	1	3	2	2	3	2	78	0.1	0.1
Sd	STETTER VARIANT SILTY CLAY LOAM	41	35	26	2	2	10	29	20	23	29	22	804	0.8	1.2
SeE	STOVHO ASSOCIATION, ROLLING	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
SgF	STOVHO-TREBOR ASSOCIATION, STEEP	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
ShA	ST. ONGE LOAM, 0 TO 2 PERCENT SLOPES	94	81	59	4	4	22	66	45	53	67	51	1,843	1.8	2.7
Sk	SWINT SILT LOAM	88	76	55	3	3	21	62	42	49	63	47	1,726	1.7	2.5
TaA	TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	89	77	56	3	3	21	63	42	50	63	48	1,745	1.7	2.5
TaB	TILFORD SILT LOAM, 2 TO 6 PERCENT SLOPES	83	71	52	3	3	19	59	40	46	59	45	1,628	1.6	2.4
TaC	TILFORD SILT LOAM, 6 TO 9 PERCENT SLOPES	73	63	46	3	3	17	52	35	41	52	39	1,432	1.4	2.1
TbE	TREBOR-ROCK OUTCROP ASSOCIATION, HILLY	5	4	3	0	0	1	4	2	3	4	3	98	0.1	0.1
VaA	VALE SILT LOAM, 0 TO 2 PERCENT SLOPES	91	78	57	4	4	21	64	43	51	65	49	1,785	1.8	2.6
VaB	VALE SILT LOAM, 2 TO 6 PERCENT SLOPES	82	71	51	3	3	19	58	39	46	58	44	1,608	1.6	2.3
VaC	VALE SILT LOAM, 6 TO 9 PERCENT SLOPES	72	62	45	3	3	17	51	34	40	51	39	1,412	1.4	2.1
VbF	VANOCKER-CITADEL ASSOCIATION, STEEP	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
VcE	VIRKULA ASSOCIATION, HILLY	2	2	1	0	0	0	1	1	1	1	1	39	0.0	0.1
WaA	WEBER LOAM, 0 TO 2 PERCENT SLOPES	58	50	36	2	2	14	41	28	32	41	31	1,137	1.1	1.7
Wb	WINETTI COBBLY LOAM	16	14	10	1	1	4	11	8	9	11	9	314	0.3	0.5
ww	WATER < 40 ACRES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Lincoln County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		139	174	10	13	38	87	42	54	81	59	1,906	1.8	3.4
	County Average Crop Soil Map Unit Productivity Index =	79.43													
AcA	ALCESTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	96	168	210	13	15	46	106	51	65	97	71	2,304	2.2	4.1
AcB	ALCESTER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	92	161	201	12	15	44	101	49	62	93	68	2,208	2.1	3.9
Af	ALCESTER SILTY CLAY LOAM, CHANNELED	38	67	83	5	6	18	42	20	26	39	28	912	0.9	1.6
Ah	ALCESTER AND LAMO SILTY CLAY LOAMS	81	142	177	11	13	39	89	43	55	82	60	1,944	1.8	3.5
Bo	BON SOILS, FREQUENTLY FLOODED	62	109	135	8	10	30	68	33	42	63	46	1,488	1.4	2.6
Bp	ORTHENTS, LOAMY	8	14	17	1	1	4	9	4	5	8	6	192	0.2	0.3
Ca	CHANCELLOR-TETONKA SILTY CLAY LOAMS	75	131	164	10	12	36	83	40	51	76	56	1,800	1.7	3.2
Cd	CHANCELLOR-VIBORG SILTY CLAY LOAMS	87	152	190	11	14	42	96	46	59	88	65	2,088	2.0	3.7
Ch	CHANCELLOR-WAKONDA-TETONKA COMPLEX	78	137	170	10	12	37	86	41	53	79	58	1,872	1.8	3.3
Co	CLAMO SILTY CLAY LOAM	61	107	133	8	10	29	67	32	41	62	45	1,464	1.4	2.6
CpD2	CROFTON-NORA SILT LOAMS, 9 TO 17 PERCENT SLOPES, ERODED	50	88	109	7	8	24	55	26	34	51	37	1,200	1.1	2.1
Da	DAVIS LOAM	91	159	199	12	14	44	100	48	61	92	68	2,184	2.1	3.9
DeA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	43	75	94	6	7	21	47	23	29	44	32	1,032	1.0	1.8
DeB	DELMONT LOAM, 2 TO 6 PERCENT SLOPES	38	67	83	5	6	18	42	20	26	39	28	912	0.9	1.6
DgB	DELMONT-GRACEVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	54	95	118	7	9	26	59	29	36	55	40	1,296	1.2	2.3
DkB	DELMONT AND TALMO SOILS, 2 TO 9 PERCENT SLOPES	24	42	52	3	4	12	26	13	16	24	18	576	0.5	1.0
DmA	DEMPSTER SILT LOAM, 0 TO 2 PERCENT SLOPES	66	116	144	9	10	32	73	35	44	67	49	1,584	1.5	2.8
DmB	DEMPSTER SILT LOAM, 2 TO 6 PERCENT SLOPES	54	95	118	7	9	26	59	29	36	55	40	1,296	1.2	2.3
EaB	EGAN SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	82	144	179	11	13	39	90	43	55	83	61	1,968	1.9	3.5
EcB	EGAN-CHANCELLOR SILTY CLAY LOAMS, 0 TO 4 PERCENT SLOPES	83	145	181	11	13	40	91	44	56	84	62	1,992	1.9	3.5
EsB	EGAN-SHINDLER COMPLEX, 2 TO 6 PERCENT SLOPES	77	135	168	10	12	37	85	41	52	78	57	1,848	1.7	3.3
EsC	EGAN-SHINDLER COMPLEX, 6 TO 9 PERCENT SLOPES	65	114	142	9	10	31	72	34	44	66	48	1,560	1.5	2.8
EwB	EGAN-WORTHING COMPLEX, 0 TO 6 PERCENT SLOPES	66	116	144	9	10	32	73	35	44	67	49	1,584	1.5	2.8
Gp	ORTHENTS, GRAVELLY	3	5	7	0	0	1	3	2	2	3	2	72	0.1	0.1
Gr	GRACEVILLE SILTY CLAY LOAM	85	149	186	11	13	41	94	45	57	86	63	2,040	1.9	3.6
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	158	197	12	14	43	99	48	61	91	67	2,160	2.0	3.8
La	LAMO SILTY CLAY LOAM	71	124	155	9	11	34	78	37	48	72	53	1,704	1.6	3.0
Lu	LUTON SILTY CLAY	60	105	131	8	9	29	66	32	40	61	45	1,440	1.4	2.6
Mh	BALTIC SILTY CLAY LOAM, PONDED	13	23	28	2	2	6	14	7	9	13	10	312	0.3	0.6
MoA	MOODY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	94	165	205	12	15	45	103	50	63	95	70	2,256	2.1	4.0
MoB	MOODY SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	88	154	192	12	14	42	97	46	59	89	65	2,112	2.0	3.8
MpB	MOODY-NORA SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	86	151	188	11	14	41	95	45	58	87	64	2,064	2.0	3.7
MpC2	MOODY-NORA SILTY CLAY LOAMS, 6 TO 10 PERCENT SLOPES, ERODED	70	123	153	9	11	34	77	37	47	71	52	1,680	1.6	3.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Sa	SALMO SILTY CLAY LOAM, VERY WET	33	58	72	4	5	16	36	17	22	33	25	792	0.7	1.4
ShD	SHINDLER CLAY LOAM, 9 TO 15 PERCENT SLOPES	34	60	74	4	5	16	37	18	23	34	25	816	0.8	1.5
ShF	SHINDLER CLAY LOAM, 25 TO 40 PERCENT SLOPES	6	11	13	1	1	3	7	3	4	6	4	144	0.1	0.3

Lincoln County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SkD2	SHINDLER-EGAN COMPLEX, 9 TO 15 PERCENT SLOPES, ERODED	46	81	101	6	7	22	51	24	31	47	34	1,104	1.0	2.0
SmF	SHINDLER-RENNER COMPLEX, 15 TO 40 PERCENT SLOPES	9	16	20	1	1	4	10	5	6	9	7	216	0.2	0.4
StD	SHINDLER AND TALMO SOILS, 6 TO 30 PERCENT SLOPES	13	23	28	2	2	6	14	7	9	13	10	312	0.3	0.6
SuF	STEINAUER-SHINDLER CLAY LOAMS, 24 TO 40 PERCENT SLOPES	5	9	11	1	1	2	6	3	3	5	4	120	0.1	0.2
Te	TETONKA SILTY CLAY LOAM	59	103	129	8	9	28	65	31	40	60	44	1,416	1.3	2.5
ThB	THURMAN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	45	79	98	6	7	22	50	24	30	46	33	1,080	1.0	1.9
ThC	THURMAN FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	36	63	79	5	6	17	40	19	24	36	27	864	0.8	1.5
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WeA	WENTWORTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	94	165	205	12	15	45	103	50	63	95	70	2,256	2.1	4.0
WhA	WENTWORTH-CHANCELLOR SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	88	154	192	12	14	42	97	46	59	89	65	2,112	2.0	3.8
Wk	WHITEWOOD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	84	147	184	11	13	40	92	44	57	85	62	2,016	1.9	3.6
Ws	WORTHING SILTY CLAY	34	60	74	4	5	16	37	18	23	34	25	816	0.8	1.5

Lyman County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		85	179	6	14	45	66	36	52	72	44	1,475	1.4	1.7
	County Average Crop Soil Map Unit Productivity Index =	71.04													
AaA	AGAR SILT LOAM, 0 TO 3 PERCENT SLOPES	90	108	227	8	18	57	83	46	66	91	55	1,868	1.8	2.2
AaB	AGAR SILT LOAM, 3 TO 6 PERCENT SLOPES	87	105	219	8	18	55	80	44	63	88	54	1,806	1.7	2.1
AaC	AGAR SILT LOAM, 6 TO 9 PERCENT SLOPES	74	89	187	7	15	47	68	38	54	75	46	1,536	1.5	1.8
Bg	BIGBEND SILT LOAM	80	96	202	7	16	51	74	41	58	81	49	1,661	1.6	1.9
BuA	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	11	13	28	1	2	7	10	6	8	11	7	228	0.2	0.3
BxA	BULLCREEK-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	9	11	23	1	2	6	8	5	7	9	6	187	0.2	0.2
CeA	CARTER SILT LOAM, 0 TO 4 PERCENT SLOPES	36	43	91	3	7	23	33	18	26	37	22	747	0.7	0.9
ChB	CHANTIER CLAY, 2 TO 9 PERCENT SLOPES	7	8	18	1	1	4	6	4	5	7	4	145	0.1	0.2
FaA	FAIRLO SILT LOAM, 0 TO 3 PERCENT SLOPES	82	99	207	7	17	52	76	42	60	83	50	1,702	1.6	2.0
FaB	FAIRLO SILT LOAM, 3 TO 6 PERCENT SLOPES	79	95	199	7	16	50	73	40	58	80	49	1,640	1.6	1.9
Fp	NORWAY LOAMY FINE SAND	10	12	25	1	2	6	9	5	7	10	6	208	0.2	0.2
Hm	HILMOE SILTY CLAY	73	88	184	7	15	46	68	37	53	74	45	1,515	1.5	1.8
Ho	HOVEN SILT LOAM	15	18	38	1	3	9	14	8	11	15	9	311	0.3	0.4
HrA	CAPA SILT LOAM, 0 TO 6 PERCENT SLOPES	17	20	43	2	3	11	16	9	12	17	10	353	0.3	0.4
In	INAVALE LOAMY FINE SAND	44	53	111	4	9	28	41	22	32	45	27	913	0.9	1.1
Ko	KOLLS SILTY CLAY	31	37	78	3	6	20	29	16	23	31	19	644	0.6	0.8
Kp	KOLLS SILTY CLAY, PONDED	10	12	25	1	2	6	9	5	7	10	6	208	0.2	0.2
LaB	LAKOMA SILTY CLAY, 2 TO 6 PERCENT SLOPES	57	68	144	5	12	36	53	29	42	58	35	1,183	1.1	1.4
LaC	LAKOMA SILTY CLAY, 6 TO 9 PERCENT SLOPES	47	56	118	4	10	30	43	24	34	48	29	976	0.9	1.1
LbD	LAKOMA-OKATON SILTY CLAYS, 6 TO 15 PERCENT SLOPES	29	35	73	3	6	18	27	15	21	29	18	602	0.6	0.7
LcE	LAKOMA-OKATON COMPLEX, 9 TO 50 PERCENT SLOPES	12	14	30	1	2	8	11	6	9	12	7	249	0.2	0.3
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	89	107	224	8	18	56	82	45	65	90	55	1,847	1.8	2.2
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	83	100	209	7	17	52	77	42	60	84	51	1,723	1.7	2.0
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	69	83	174	6	14	44	64	35	50	70	42	1,432	1.4	1.7
LrD	LOWRY-SULLY SILT LOAMS, 9 TO 25 PERCENT SLOPES	32	38	81	3	7	20	30	16	23	33	20	664	0.6	0.8
McA	MCCLURE SILT LOAM, 0 TO 3 PERCENT SLOPES	86	103	217	8	18	54	80	44	63	87	53	1,785	1.7	2.1
McB	MCCLURE SILT LOAM, 3 TO 6 PERCENT SLOPES	81	97	204	7	16	51	75	41	59	82	50	1,681	1.6	2.0
McC	MCCLURE SILT LOAM, 6 TO 9 PERCENT SLOPES	66	79	166	6	13	42	61	34	48	67	41	1,370	1.3	1.6
MlA	MILLBORO SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	84	101	212	8	17	53	78	43	61	85	52	1,744	1.7	2.0
MlB	MILLBORO SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	80	96	202	7	16	51	74	41	58	81	49	1,661	1.6	1.9
MlC	MILLBORO SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	66	79	166	6	13	42	61	34	48	67	41	1,370	1.3	1.6
MmA	MILLBORO SILTY CLAY, 0 TO 3 PERCENT SLOPES	85	102	214	8	17	54	79	43	62	86	52	1,764	1.7	2.1
MmB	MILLBORO SILTY CLAY, 3 TO 6 PERCENT SLOPES	80	96	202	7	16	51	74	41	58	81	49	1,661	1.6	1.9
MnB	MILLBORO-BORO SILTY CLAYS, 2 TO 6 PERCENT SLOPES	70	84	176	6	14	44	65	36	51	71	43	1,453	1.4	1.7
MnC	MILLBORO-BORO SILTY CLAYS, 6 TO 9 PERCENT SLOPES	53	64	134	5	11	34	49	27	39	54	33	1,100	1.1	1.3
Mp	MOBRIDGE SILT LOAM	96	115	242	9	20	61	89	49	70	98	59	1,993	1.9	2.3
Mr	MUNJOR FINE SANDY LOAM	46	55	116	4	9	29	43	23	34	47	28	955	0.9	1.1

Lyman County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Mv	MUNJOR-INAVALE COMPLEX	41	49	103	4	8	26	38	21	30	42	25	851	0.8	1.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OhE	OKATON-LAKOMA SILTY CLAYS, 15 TO 40 PERCENT SLOPES	7	8	18	1	1	4	6	4	5	7	4	145	0.1	0.2
Ok	ONITA SILT LOAM	93	112	234	8	19	59	86	47	68	94	57	1,931	1.9	2.3
OlA	OPAL CLAY, 0 TO 3 PERCENT SLOPES	63	76	159	6	13	40	58	32	46	64	39	1,308	1.3	1.5
OlB	OPAL CLAY, 3 TO 6 PERCENT SLOPE	59	71	149	5	12	37	55	30	43	60	36	1,225	1.2	1.4
OlC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	48	58	121	4	10	30	44	24	35	49	30	996	1.0	1.2
OmC	OPAL-CHANTIER CLAYS, 2 TO 9 PERCENT SLOPE	29	35	73	3	6	18	27	15	21	29	18	602	0.6	0.7
OnD	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	27	32	68	2	5	17	25	14	20	27	17	560	0.5	0.7
Or	ORTHENTS, LOAMY	1	1	3	0	0	1	1	1	1	1	1	21	0.0	0.0
OrB	ORTON LOAM, 2 TO 7 PERCENT SLOPES	40	48	101	4	8	25	37	20	29	41	25	830	0.8	1.0
OtA	ORTON VARIANT LOAM, 0 TO 2 PERCENT SLOPES	47	56	118	4	10	30	43	24	34	48	29	976	0.9	1.1
OvB	ORTON VARIANT-VALENTINE COMPLEX, 2 TO 6 PERCENT SLOPES	35	42	88	3	7	22	32	18	25	36	22	727	0.7	0.9
Pg	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PoA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	72	87	181	6	15	46	67	37	52	73	44	1,495	1.4	1.8
PoB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	67	80	169	6	14	42	62	34	49	68	41	1,391	1.3	1.6
PoC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES	55	66	139	5	11	35	51	28	40	56	34	1,142	1.1	1.3
PrA	PROMISE-CAPA COMPLEX, 0 TO 4 PERCENT SLOPES	52	62	131	5	11	33	48	26	38	53	32	1,079	1.0	1.3
ReB	REE SILT LOAM, 2 TO 6 PERCENT SLOPES	82	99	207	7	17	52	76	42	60	83	50	1,702	1.6	2.0
ReC	REE SILT LOAM, 6 TO 9 PERCENT SLOPES	61	73	154	5	12	39	56	31	44	62	38	1,266	1.2	1.5
RlA	RELIANCE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	88	106	222	8	18	56	81	45	64	89	54	1,827	1.8	2.1
RlB	RELIANCE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	84	101	212	8	17	53	78	43	61	85	52	1,744	1.7	2.0
RlC	RELIANCE SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	67	80	169	6	14	42	62	34	49	68	41	1,391	1.3	1.6
RsE	ROCK OUTCROP-SANSARC COMPLEX, 9 TO 40 PERCENT SLOPES	2	2	5	0	0	1	2	1	1	2	1	42	0.0	0.0
SaE	SANSARC CLAY, 15 TO 40 PERCENT SLOPES	3	4	8	0	1	2	3	2	2	3	2	62	0.1	0.1
SbE	SANSARC-OPAL CLAYS, 9 TO 40 PERCENT SLOPES	6	7	15	1	1	4	6	3	4	6	4	125	0.1	0.1
ScE	SANSARC-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	3	4	8	0	1	2	3	2	2	3	2	62	0.1	0.1
SeE	SANSARC-SCHAMBER COMPLEX, 9 TO 40 PERCENT SLOPES	4	5	10	0	1	3	4	2	3	4	2	83	0.1	0.1
ShE	SCHAMBER LOAM, 6 TO 40 PERCENT SLOPES	5	6	13	0	1	3	5	3	4	5	3	104	0.1	0.1
SlE	SULLY SILT LOAM, 15 TO 40 PERCENT SLOPES	5	6	13	0	1	3	5	3	4	5	3	104	0.1	0.1
VaD	VALENTINE FINE SAND, 6 TO 25 PERCENT SLOPES	8	10	20	1	2	5	7	4	6	8	5	166	0.2	0.2
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wd	WENDTE SILTY CLAY, CHANNELED	33	40	83	3	7	21	31	17	24	34	20	685	0.7	0.8
Wt	WITTEN SILTY CLAY	76	91	192	7	15	48	70	39	55	77	47	1,578	1.5	1.8

Marshall County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		137	158	12	14	33		45	63	86	54		1.6	2.9
	County Average Crop Soil Map Unit Productivity Index =	70.72													
AaA	AASTAD LOAM, 0 TO 2 PERCENT SLOPES	92	178	206	16	18	42		58	81	111	70		2.1	3.7
AbA	ABERDEEN-EXLINE SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	56	108	125	10	11	26		36	49	68	43		1.3	2.3
Ar	ARVESON FINE SANDY LOAM	56	108	125	10	11	26		36	49	68	43		1.3	2.3
AsE	ARVILLA-SIOUX LOAMS, 9 TO 25 PERCENT SLOPES	8	15	18	1	2	4		5	7	10	6		0.2	0.3
Ba	BEARDEN SILT LOAM	78	151	175	14	15	36		49	69	94	60		1.8	3.1
BdA	BEARDEN-TONKA SILT LOAMS, 0 TO 3 PERCENT SLOPES	75	145	168	13	15	35		48	66	91	57		1.7	3.0
Be	MARYSLAND-DIVIDE LOAMS	52	101	117	9	10	24		33	46	63	40		1.2	2.1
BfA	BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	98	190	220	17	19	45		62	87	119	75		2.2	4.0
BfB	BEOTIA SILT LOAM, 2 TO 6 PERCENT SLOPES	92	178	206	16	18	42		58	81	111	70		2.1	3.7
BhA	BEOTIA-BEARDEN SILT LOAMS, 0 TO 3 PERCENT SLOPES	92	178	206	16	18	42		58	81	111	70		2.1	3.7
BkE	BUSE-FORMAN LOAMS, 9 TO 21 PERCENT SLOPES	26	50	58	5	5	12		16	23	31	20		0.6	1.0
BkF	BUSE-FORMAN LOAMS, 21 TO 40 PERCENT SLOPES	19	37	43	3	4	9		12	17	23	15		0.4	0.8
BmF	BUSE-FORMAN STONY COMPLEX, 9 TO 40 PERCENT SLOPES	12	23	27	2	2	6		8	11	15	9		0.3	0.5
BsE	BUSE-SIOUX COMPLEX, 15 TO 21 PERCENT SLOPES	15	29	34	3	3	7		10	13	18	11		0.3	0.6
BtE	BUSE-SIOUX STONY COMPLEX, 9 TO 40 PERCENT SLOPES	8	15	18	1	2	4		5	7	10	6		0.2	0.3
Co	COLVIN SILTY CLAY LOAM	34	66	76	6	7	16		22	30	41	26		0.8	1.4
Do	CASTLEWOOD SILTY CLAY	60	116	134	11	12	28		38	53	73	46		1.4	2.4
EdB	EDGELEY LOAM, 2 TO 6 PERCENT SLOPES	85	165	190	15	17	39		54	75	103	65		1.9	3.4
EdC	EDGELEY LOAM, 6 TO 9 PERCENT SLOPES	71	138	159	12	14	33		45	63	86	54		1.6	2.9
EdD	EDGELEY LOAM, 9 TO 15 PERCENT SLOPES	54	105	121	9	11	25		34	48	65	41		1.2	2.2
EmA	EMBDEN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	64	124	143	11	12	29		41	57	77	49		1.5	2.6
EmB	EMBDEN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	58	112	130	10	11	27		37	51	70	44		1.3	2.3
EnC	EMBDEN-BUSE COMPLEX, 2 TO 9 PERCENT SLOPES	36	70	81	6	7	17		23	32	44	27		0.8	1.5
EsA	ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	68	132	152	12	13	31		43	60	82	52		1.5	2.7
ExA	EXLINE-ABERDEEN SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	41	79	92	7	8	19		26	36	50	31		0.9	1.7
FoA	FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	58	112	130	10	11	27		37	51	70	44		1.3	2.3
FoB	FORDVILLE LOAM, 2 TO 6 PERCENT SLOPES	52	101	117	9	10	24		33	46	63	40		1.2	2.1
FrA	FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	86	167	193	15	17	40		55	76	104	66		2.0	3.5
FrB	FORMAN-AASTAD LOAMS, 2 TO 6 PERCENT SLOPES	80	155	179	14	16	37		51	71	97	61		1.8	3.2
FrC	FORMAN-AASTAD LOAMS, 6 TO 9 PERCENT SLOPES	67	130	150	12	13	31		42	59	81	51		1.5	2.7
FrD	FORMAN-AASTAD LOAMS, 9 TO 15 PERCENT SLOPES	53	103	119	9	10	24		34	47	64	40		1.2	2.1
FsC2	FORMAN-BUSE LOAMS, 6 TO 9 PERCENT SLOPES, ERODED	61	118	137	11	12	28		39	54	74	47		1.4	2.5
FsE	FORMAN-BUSE LOAMS, 15 TO 25 PERCENT SLOPES	24	46	54	4	5	11		15	21	29	18		0.5	1.0
FtD	FORMAN-BUSE STONY COMPLEX, 6 TO 21 PERCENT SLOPES	36	70	81	6	7	17		23	32	44	27		0.8	1.5
FxC	FORMAN-POINSETT COMPLEX, 6 TO 9 PERCENT SLOPES	64	124	143	11	12	29		41	57	77	49		1.5	2.6
FxD	FORMAN-POINSETT COMPLEX, 9 TO 15 PERCENT SLOPES	48	93	108	8	9	22		30	42	58	37		1.1	1.9
GbB	GREAT BEND SILT LOAM, 2 TO 6 PERCENT SLOPES	87	168	195	15	17	40		55	77	105	66		2.0	3.5

Marshall County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
GdA	GREAT BEND-BEOTIA SILT LOAMS, 0 TO 2 PERCENT SLOPES	94	182	211	16	18	43		60	83	114	72		2.1	3.8
GeB	GREAT BEND-ZELL SILT LOAMS, 2 TO 6 PERCENT SLOPES	82	159	184	14	16	38		52	72	99	63		1.9	3.3
GeC	GREAT BEND-ZELL SILT LOAMS, 6 TO 9 PERCENT SLOPES	70	136	157	12	14	32		44	62	85	53		1.6	2.8
Gp	ORTHENTS	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Ha	HAMAR LOAMY FINE SAND	69	134	155	12	13	32		44	61	84	53		1.6	2.8
Hd	HAMAR FINE SANDY LOAM	69	134	155	12	13	32		44	61	84	53		1.6	2.8
HeA	HARMONY-ABERDEEN SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	81	157	182	14	16	37		51	72	98	62		1.8	3.3
HfA	HECLA LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	69	134	155	12	13	32		44	61	84	53		1.6	2.8
HhA	HECLA-HAMAR LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	68	132	152	12	13	31		43	60	82	52		1.5	2.7
HvB2	HECLA-VENLO COMPLEX, 0 TO 6 PERCENT SLOPES, ERODED	49	95	110	9	10	23		31	43	59	37		1.1	2.0
KbE	KLOTEN-BUSE COMPLEX, 15 TO 40 PERCENT SLOPES	12	23	27	2	2	6		8	11	15	9		0.3	0.5
KnA	KRANZBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	94	182	211	16	18	43		60	83	114	72		2.1	3.8
KnB	KRANZBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	86	167	193	15	17	40		55	76	104	66		2.0	3.5
KnC2	KRANZBURG SILT LOAM, 6 TO 9 PERCENT SLOPES, ERODED	74	143	166	13	14	34		47	65	90	57		1.7	3.0
KrA	KRANZBURG-ABERDEEN SILT LOAMS, 0 TO 2 PERCENT SLOPES	82	159	184	14	16	38		52	72	99	63		1.9	3.3
KrB	KRANZBURG-ABERDEEN SILT LOAMS, 2 TO 6 PERCENT SLOPES	78	151	175	14	15	36		49	69	94	60		1.8	3.1
La	LAMOURE SILTY CLAY LOAM	64	124	143	11	12	29		41	57	77	49		1.5	2.6
Lo	LAMOURE SILTY CLAY LOAM, CHANNELED	36	70	81	6	7	17		23	32	44	27		0.8	1.5
Lu	LUDDEN SILTY CLAY	57	110	128	10	11	26		36	50	69	44		1.3	2.3
MaB	MADDOCK LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	33	64	74	6	6	15		21	29	40	25		0.7	1.3
MaD	MADDOCK LOAMY FINE SAND, 6 TO 15 PERCENT SLOPES	10	19	22	2	2	5		6	9	12	8		0.2	0.4
Mr	SOUTHAM SILTY CLAY LOAM	5	10	11	1	1	2		3	4	6	4		0.1	0.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Od	OLDHAM SILTY CLAY LOAM	49	95	110	9	10	23		31	43	59	37		1.1	2.0
Oh	OLDHAM SILTY CLAY LOAM, SALINE	27	52	61	5	5	12		17	24	33	21		0.6	1.1
Or	ORTHENTS, LOAMY	1	2	2	0	0	0		1	1	1	1		0.0	0.0
Pa	PARNELL SILTY CLAY LOAM	30	58	67	5	6	14		19	27	36	23		0.7	1.2
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	77	149	173	13	15	35		49	68	93	59		1.7	3.1
PeB	PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	70	136	157	12	14	32		44	62	85	53		1.6	2.8
PeC	PEEVER CLAY LOAM, 6 TO 9 PERCENT SLOPES	55	107	123	10	11	25		35	49	67	42		1.2	2.2
PhA	PEEVER-HAMERLY COMPLEX, 0 TO 2 PERCENT SLOPES	74	143	166	13	14	34		47	65	90	57		1.7	3.0
Pm	PLAYMOOR SILTY CLAY LOAM	35	68	78	6	7	16		22	31	42	27		0.8	1.4
PoB	POINSETT-FORMAN COMPLEX, 2 TO 6 PERCENT SLOPES	84	163	188	15	16	39		53	74	102	64		1.9	3.4
PwA	POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	91	176	204	16	18	42		58	80	110	69		2.1	3.7
PwB	POINSETT-WAUBAY SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	88	170	197	15	17	40		56	78	106	67		2.0	3.6
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 3 PERCENT SLOPES	45	87	101	8	9	21		29	40	54	34		1.0	1.8
RfB	RENSHAW-FORDVILLE LOAMS, 3 TO 6 PERCENT SLOPES	40	77	90	7	8	18		25	35	48	31		0.9	1.6
RfC	RENSHAW-FORDVILLE LOAMS, 6 TO 9 PERCENT SLOPES	31	60	69	5	6	14		20	27	38	24		0.7	1.3
Sa	MINNEWAUKAN LOAMY SAND	38	74	85	7	7	17		24	34	46	29		0.9	1.5
SdD2	SERDEN FINE SAND, 6 TO 21 PERCENT SLOPES, ERODED	6	12	13	1	1	3		4	5	7	5		0.1	0.2

Marshall County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SeB	SERDEN-VENLO COMPLEX, 0 TO 6 PERCENT SLOPES	23	45	52	4	4	11		15	20	28	18		0.5	0.9
ShD	SIECHE LOAM, 6 TO 15 PERCENT SLOPES	51	99	114	9	10	23		32	45	62	39		1.2	2.1
ShF	SIECHE LOAM, 21 TO 50 PERCENT SLOPES	12	23	27	2	2	6		8	11	15	9		0.3	0.5
SkA	SINAI SILTY CLAY, 0 TO 3 PERCENT SLOPES	81	157	182	14	16	37		51	72	98	62		1.8	3.3
SkB	SINAI SILTY CLAY, 3 TO 6 PERCENT SLOPES	73	141	164	13	14	34		46	65	88	56		1.7	2.9
SkC	SINAI SILTY CLAY, 6 TO 9 PERCENT SLOPES	59	114	132	10	12	27		37	52	71	45		1.3	2.4
SmE	SIOUX-ARVILLA LOAMS, 15 TO 40 PERCENT SLOPES	2	4	4	0	0	1		1	2	2	2		0.0	0.1
Su	STIRUM-ULEN FINE SANDY LOAMS	42	81	94	7	8	19		27	37	51	32		1.0	1.7
SwA	SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	69	134	155	12	13	32		44	61	84	53		1.6	2.8
SwB	SWENODA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	64	124	143	11	12	29		41	57	77	49		1.5	2.6
SxA	SWENODA-LARSON COMPLEX, 0 TO 2 PERCENT SLOPES	63	122	141	11	12	29		40	56	76	48		1.4	2.5
To	TONKA SILT LOAM	58	112	130	10	11	27		37	51	70	44		1.3	2.3
Uf	ULEN FINE SANDY LOAM	73	141	164	13	14	34		46	65	88	56		1.7	2.9
Us	ULEN-STIRUM FINE SANDY LOAMS	58	112	130	10	11	27		37	51	70	44		1.3	2.3
Va	VALLERS LOAM	52	101	117	9	10	24		33	46	63	40		1.2	2.1
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	RAUVILLE SILTY CLAY LOAM	24	46	54	4	5	11		15	21	29	18		0.5	1.0

McCook County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		133	147	10	12	37		50	58	82	62		2.1	3.9
	County Average Crop Soil Map Unit Productivity Index =	73.72													
Ba	BALTIC SILTY CLAY LOAM	35	63	70	5	6	18		24	28	39	29		1.0	1.8
Bb	BALTIC SILTY CLAY LOAM, PONDED	12	22	24	2	2	6		8	9	13	10		0.3	0.6
BcE	BETTS LOAM, 15 TO 40 PERCENT SLOPES	12	22	24	2	2	6		8	9	13	10		0.3	0.6
BdB	BLENDON LOAM, 0 TO 5 PERCENT SLOPES	61	110	122	8	10	31		41	48	68	51		1.7	3.2
Bo	BON LOAM	82	148	164	11	13	42		55	65	91	69		2.3	4.3
Ca	CHASKA LOAM, CHANNELED	35	63	70	5	6	18		24	28	39	29		1.0	1.8
Cb	CLAMO SILTY CLAY LOAM	64	116	128	9	10	32		43	50	71	54		1.8	3.3
CcB	CLARNO LOAM, 3 TO 6 PERCENT SLOPES	81	146	162	11	13	41		55	64	90	68		2.3	4.2
CcC	CLARNO LOAM, 6 TO 9 PERCENT SLOPES	61	110	122	8	10	31		41	48	68	51		1.7	3.2
CdA	CLARNO-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	84	152	168	11	14	43		57	66	93	71		2.3	4.4
CeB	CLARNO-DAVISON LOAMS, 2 TO 5 PERCENT SLOPES	70	127	140	9	11	35		47	55	78	59		1.9	3.7
CfA	CLARNO-DAVISON-CROSSPLAIN COMPLEX, 0 TO 2 PERCENT SLOPE S	75	136	150	10	12	38		51	59	83	63		2.1	3.9
ChB	CLARNO-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES	73	132	146	10	12	37		49	57	81	61		2.0	3.8
Ck	CROSSPLAIN CLAY LOAM	77	139	154	10	12	39		52	61	86	65		2.1	4.0
Co	CROSSPLAIN-CLARNO COMPLEX	78	141	156	10	13	40		53	61	87	66		2.2	4.1
Cr	CROSSPLAIN-DUDLEY COMPLEX	66	119	132	9	11	33		45	52	73	56		1.8	3.4
DaA	DAVIS LOAM, 0 TO 3 PERCENT SLOPES	89	161	178	12	14	45		60	70	99	75		2.5	4.6
DaB	DAVIS LOAM, 3 TO 6 PERCENT SLOPES	86	156	172	12	14	44		58	68	96	72		2.4	4.5
Dd	DAVISON-CROSSPLAIN CLAY LOAMS, 0 TO 2 PERCENT SLOPES	74	134	148	10	12	37		50	58	82	62		2.1	3.9
DeB	DELMONT LOAM, 3 TO 6 PERCENT SLOPES	42	76	84	6	7	21		28	33	47	35		1.2	2.2
DnA	DELMONT-ENET LOAMS, 0 TO 3 PERCENT SLOPES	48	87	96	6	8	24		32	38	53	40		1.3	2.5
EaC	EGAN-ETHAN COMPLEX, 5 TO 9 PERCENT SLOPES	67	121	134	9	11	34		45	53	75	56		1.9	3.5
EbC	ETHAN LOAM, 6 TO 9 PERCENT SLOPES	53	96	106	7	9	27		36	42	59	45		1.5	2.8
EcD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	32	58	64	4	5	16		22	25	36	27		0.9	1.7
HaB	HAND LOAM, 3 TO 6 PERCENT SLOPES	80	145	160	11	13	41		54	63	89	67		2.2	4.2
HbA	HAND-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	85	154	170	11	14	43		57	67	95	71		2.4	4.4
HcB	HAND-DAVISON LOAMS, 2 TO 5 PERCENT SLOPES	70	127	140	9	11	35		47	55	78	59		1.9	3.7
HdA	HAND-DAVISON-CROSSPLAIN COMPLEX, 0 TO 2 PERCENT SLOPES	78	141	156	10	13	40		53	61	87	66		2.2	4.1
HeB	HAND-ETHAN LOAMS, 3 TO 6 PERCENT SLOPES	76	137	152	10	12	39		51	60	85	64		2.1	4.0
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	161	178	12	14	45		60	70	99	75		2.5	4.6
La	LAMO SILTY CLAY LOAM	66	119	132	9	11	33		45	52	73	56		1.8	3.4
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Sa	SALMO SILTY CLAY LOAM	34	61	68	5	5	17		23	27	38	29		0.9	1.8
TaD	TALMO-BETTS LOAMS, 6 TO 15 PERCENT SLOPES	19	34	38	3	3	10		13	15	21	16		0.5	1.0
Tb	TETONKA SILT LOAM	58	105	116	8	9	29		39	46	65	49		1.6	3.0
Tc	TETONKA-CANISTEO COMPLEX	58	105	116	8	9	29		39	46	65	49		1.6	3.0
Td	TRENT SILT LOAM, 0 TO 2 PERCENT SLOPES	92	166	184	12	15	47		62	72	102	77		2.6	4.8

McCook County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
TeD	TALMO SOILS, 6 TO 15 PERCENT SLOPES	6	11	12	1	1	3		4	5	7	5		0.2	0.3
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
WaA	WENTWORTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	91	165	182	12	15	46		62	72	101	77		2.5	4.8
WbB	WENTWORTH SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	84	152	168	11	14	43		57	66	93	71		2.3	4.4
WcB	WENTWORTH-ETHAN COMPLEX, 2 TO 5 PERCENT SLOPES	78	141	156	10	13	40		53	61	87	66		2.2	4.1
WdA	WENTWORTH-TRENT-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	90	163	180	12	15	46		61	71	100	76		2.5	4.7
Wh	WHITEWOOD SILT LOAM	78	141	156	10	13	40		53	61	87	66		2.2	4.1
Wo	WORTHING SILTY CLAY LOAM	37	67	74	5	6	19		25	29	41	31		1.0	1.9

McPherson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		110	158	9	17	30	52	41	51	64	28	1,390	1.6	2.4
	County Average Crop Soil Map Unit Productivity Index =	62.15													
10	BRANTFORD LOAM	38	67	97	5	10	19	32	25	31	39	17	850	1.0	1.4
100	PARNELL SILTY CLAY LOAM, PONDED	9	16	23	1	2	4	8	6	7	9	4	201	0.2	0.3
11A	BEARPAW-GREENWAY LOAMS, 0 TO 3 PERCENT SLOPES	81	143	206	12	22	40	68	54	66	84	37	1,812	2.1	3.1
11B	BEARPAW-GREENWAY LOAMS, 3 TO 6 PERCENT SLOPES	76	134	193	11	20	37	64	50	62	79	34	1,700	2.0	2.9
13E	ZAHL-KLOTEN LOAMS, 9 TO 35 PERCENT SLOPES	27	48	69	4	7	13	23	18	22	28	12	604	0.7	1.0
14D	VIDA EXTREMELY STONY LOAM, 3 TO 15 PERCENT SLOPES	6	11	15	1	2	3	5	4	5	6	3	134	0.2	0.2
15A	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	86	152	219	12	23	42	72	57	70	89	39	1,923	2.2	3.3
15B	WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	81	143	206	12	22	40	68	54	66	84	37	1,812	2.1	3.1
15C	WILLIAMS-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	66	117	168	10	18	32	55	44	54	68	30	1,476	1.7	2.5
16A	WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	80	141	203	12	21	39	67	53	65	83	36	1,789	2.1	3.0
16B	WILLIAMS-BOWBELLS-TONKA COMPLEX, 1 TO 6 PERCENT SLOPES	73	129	186	11	20	36	61	48	59	75	33	1,633	1.9	2.8
16C	WILLIAMS-BOWBELLS-PARNELL COMPLEX, 1 TO 9 PERCENT SLOPES	60	106	153	9	16	29	50	40	49	62	27	1,342	1.6	2.3
17B	VIDA-WILLIAMS LOAMS, 3 TO 6 PERCENT SLOPES	76	134	193	11	20	37	64	50	62	79	34	1,700	2.0	2.9
17C	VIDA-WILLIAMS-BOWBELLS LOAMS, 2 TO 15 PERCENT SLOPES	56	99	142	8	15	27	47	37	46	58	25	1,252	1.5	2.1
17D	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	41	72	104	6	11	20	34	27	33	42	19	917	1.1	1.6
17E	VIDA-ZAHILL LOAMS, 15 TO 25 PERCENT SLOPES	21	37	53	3	6	10	18	14	17	22	9	470	0.5	0.8
18A	WILLIAMS-NIOBELL LOAMS, 0 TO 3 PERCENT SLOPES	79	139	201	11	21	39	66	52	64	82	36	1,767	2.0	3.0
20A	LEHR LOAM, 0 TO 3 PERCENT SLOPES	40	71	102	6	11	20	33	27	33	41	18	895	1.0	1.5
20B	LEHR LOAM, 3 TO 6 PERCENT SLOPES	38	67	97	5	10	19	32	25	31	39	17	850	1.0	1.4
21A	CAVOUR-MIRANDA LOAMS, 1 TO 5 PERCENT SLOPES	27	48	69	4	7	13	23	18	22	28	12	604	0.7	1.0
22A	NIOBELL-MIRANDA LOAMS, 0 TO 3 PERCENT SLOPES	44	78	112	6	12	22	37	29	36	45	20	984	1.1	1.7
23A	NOONAN VARIANT LOAM, 0 TO 2 PERCENT SLOPES	34	60	86	5	9	17	28	23	28	35	15	760	0.9	1.3
24A	NIOBELL-NOONAN LOAMS, 1 TO 5 PERCENT SLOPES	47	83	120	7	13	23	39	31	38	49	21	1,051	1.2	1.8
25	MIRANDA-HEIL COMPLEX	15	26	38	2	4	7	13	10	12	16	7	335	0.4	0.6
26	CRESBARD-CAVOUR LOAMS	48	85	122	7	13	23	40	32	39	50	22	1,074	1.2	1.8
27B	LEHR-BOWDLE LOAMS, 0 TO 6 PERCENT SLOPES	44	78	112	6	12	22	37	29	36	45	20	984	1.1	1.7
29	EXLINE-HARMONY COMPLEX	39	69	99	6	10	19	33	26	32	40	18	872	1.0	1.5
30	LETCHER-PARSHALL LOAMS, 0 TO 4 PERCENT SLOPES	49	86	125	7	13	24	41	32	40	51	22	1,096	1.3	1.9
31	HARMONY SILTY CLAY LOAM	86	152	219	12	23	42	72	57	70	89	39	1,923	2.2	3.3
32	HARMONY-EXLINE COMPLEX	65	115	165	9	17	32	54	43	53	67	29	1,454	1.7	2.5
37	STRAW LOAM, CHANNELED	30	53	76	4	8	15	25	20	24	31	14	671	0.8	1.1
38	REGAN SILT LOAM	50	88	127	7	13	24	42	33	41	52	23	1,118	1.3	1.9
3A	BOWDLE LOAM, 0 TO 3 PERCENT SLOPES	58	102	147	8	16	28	49	38	47	60	26	1,297	1.5	2.2
3B	BOWDLE LOAM, 3 TO 6 PERCENT SLOPES	52	92	132	7	14	25	44	34	42	54	24	1,163	1.3	2.0
40A	MONDAMIN SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	79	139	201	11	21	39	66	52	64	82	36	1,767	2.0	3.0
40B	MONDAMIN SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	71	125	181	10	19	35	59	47	58	73	32	1,588	1.8	2.7
43C	WABEK-BOWDLE COMPLEX, 3 TO 15 PERCENT SLOPES	29	51	74	4	8	14	24	19	24	30	13	649	0.8	1.1

McPherson County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
44D	WABEK GRAVELLY LOAM, 6 TO 20 PERCENT SLOPES	10	18	25	1	3	5	8	7	8	10	5	224	0.3	0.4
45B	WABEK-LEHR COMPLEX, 2 TO 9 PERCENT SLOPES	26	46	66	4	7	13	22	17	21	27	12	581	0.7	1.0
52B	LIHEN-PARSHALL FINE SANDY LOAMS, 0 TO 6 PERCENT SLOPES	37	65	94	5	10	18	31	25	30	38	17	828	1.0	1.4
52D	LIHEN LOAMY FINE SAND, 6 TO 20 PERCENT SLOPES	10	18	25	1	3	5	8	7	8	10	5	224	0.3	0.4
54B	TANSEM-ROSEGLEN LOAMS, 2 TO 6 PERCENT SLOPES	83	147	211	12	22	41	69	55	67	86	38	1,856	2.2	3.2
55A	PARSHALL-TALLY FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	62	109	158	9	17	30	52	41	50	64	28	1,387	1.6	2.4
55B	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	54	95	137	8	14	26	45	36	44	56	24	1,208	1.4	2.1
56D	TANSEM VARIANT LOAM, 9 TO 15 PERCENT SLOPES	43	76	109	6	12	21	36	28	35	44	19	962	1.1	1.6
57A	BRYANT-GRASSNA SILT LOAMS, 0 TO 3 PERCENT SLOPES	91	161	231	13	24	45	76	60	74	94	41	2,035	2.4	3.5
57B	BRYANT-GRASSNA SILT LOAMS, 1 TO 6 PERCENT SLOPES	87	154	221	13	23	43	73	58	71	90	39	1,946	2.3	3.3
57C	BRYANT SILT LOAM, 6 TO 9 PERCENT SLOPES	74	131	188	11	20	36	62	49	60	76	33	1,655	1.9	2.8
58B	TEMVIK-GRASSNA-BEARPAW COMPLEX, 1 TO 6 PERCENT SLOPES	86	152	219	12	23	42	72	57	70	89	39	1,923	2.2	3.3
5A	BOWBELLS LOAM, 0 TO 2 PERCENT SLOPES	92	162	234	13	25	45	77	61	75	95	42	2,058	2.4	3.5
5B	BOWBELLS LOAM, 2 TO 6 PERCENT SLOPES	87	154	221	13	23	43	73	58	71	90	39	1,946	2.3	3.3
6	ARNEGARD LOAM	92	162	234	13	25	45	77	61	75	95	42	2,058	2.4	3.5
62	HAMERLY LOAM	77	136	196	11	21	38	64	51	63	80	35	1,722	2.0	2.9
64	GRASSNA SILT LOAM	96	169	244	14	26	47	80	64	78	99	43	2,147	2.5	3.7
65	GRAIL SILTY CLAY LOAM	92	162	234	13	25	45	77	61	75	95	42	2,058	2.4	3.5
7	BEARDEN SILT LOAM	79	139	201	11	21	39	66	52	64	82	36	1,767	2.0	3.0
72	RANSLO-HARRIET LOAMS	18	32	46	3	5	9	15	12	15	19	8	403	0.5	0.7
75	TONKA-NISHON SILT LOAMS	56	99	142	8	15	27	47	37	46	58	25	1,252	1.5	2.1
76	PARNELL SILTY CLAY LOAM	31	55	79	4	8	15	26	21	25	32	14	693	0.8	1.2
77	NISHON-HEIL SILT LOAM	32	56	81	5	9	16	27	21	26	33	14	716	0.8	1.2
8	RENTILL LOAM	70	124	178	10	19	34	59	46	57	72	32	1,566	1.8	2.7
80	HEIL SILT LOAM	11	19	28	2	3	5	9	7	9	11	5	246	0.3	0.4
82	STIRUM LOAM	15	26	38	2	4	7	13	10	12	16	7	335	0.4	0.6
85	RANSLO LOAM	26	46	66	4	7	13	22	17	21	27	12	581	0.7	1.0
86	HARRIET LOAM	7	12	18	1	2	3	6	5	6	7	3	157	0.2	0.3
87	MARYSLAND LOAM	46	81	117	7	12	23	38	30	37	48	21	1,029	1.2	1.8
88	DIVIDE LOAM	55	97	140	8	15	27	46	36	45	57	25	1,230	1.4	2.1
97	REGAN SILT LOAM, WET	30	53	76	4	8	15	25	20	24	31	14	671	0.8	1.1
98	VALLERS SILTY CLAY LOAM	48	85	122	7	13	23	40	32	39	50	22	1,074	1.2	1.8
99	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
9A	BEARPAW LOAM, 0 TO 3 PERCENT SLOPES	72	127	183	10	19	35	60	48	59	74	33	1,610	1.9	2.7
9B	BEARPAW LOAM, 3 TO 6 PERCENT SLOPES	64	113	163	9	17	31	54	42	52	66	29	1,431	1.7	2.4
9C	BEARPAW LOAM, 6 TO 9 PERCENT SLOPES	53	94	135	8	14	26	44	35	43	55	24	1,185	1.4	2.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Meade N County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		50	96	4	11		52	26	33	43	36	1,270	1.8	1.8
	County Average Crop Soil Map Unit Productivity Index =	61.55													
AbB	ABOR SILTY CLAY, 2 TO 6 PERCENT SLOPES	60	49	93	4	11		51	25	32	42	35	1,238	1.7	1.8
AbC	ABOR SILTY CLAY, 6 TO 9 PERCENT SLOPES	57	47	89	3	11		48	24	30	40	33	1,176	1.6	1.7
AlB	ABSHER-SLICKSPOTS COMPLEX, 2 TO 6 PERCENT SLOPES	14	11	22	1	3		12	6	7	10	8	289	0.4	0.4
AsB	ASSINNIBOINE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	80	65	124	5	15		68	33	43	56	47	1,651	2.3	2.3
AsC	ASSINNIBOINE FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	61	50	95	4	11		52	25	32	43	35	1,259	1.8	1.8
AtC	ASSINNIBOINE-TWILIGHT FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	51	42	79	3	10		43	21	27	36	30	1,052	1.5	1.5
Ba	BANKARD LOAMY FINE SAND	29	24	45	2	5		25	12	15	20	17	598	0.8	0.8
Bb	BANKARD GRAVELLY LOAMY SAND	31	25	48	2	6		26	13	16	22	18	640	0.9	0.9
BlE	BLACKHALL-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	4	3	6	0	1		3	2	2	3	2	83	0.1	0.1
BmE	BLACKHALL-TWILIGHT FINE SANDY LOAMS, 9 TO 40 PERCENT SLOPES	13	11	20	1	2		11	5	7	9	8	268	0.4	0.4
BoE	BULLOCK-LARDELL-BLACKHALL FINE SANDY LOAMS, 2 TO 40 PERCENT SLO	7	6	11	0	1		6	3	4	5	4	144	0.2	0.2
BpB	BULLOCK-PARCHIN FINE SANDY LOAMS, 0 TO 4 PERCENT SLOPES	18	15	28	1	3		15	7	10	13	10	371	0.5	0.5
BsB	BULLOCK-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
CaD	CABBART LOAM, 9 TO 40 PERCENT SLOPES	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
CvB	CABBART VARIANT LOAM, 2 TO 6 PERCENT SLOPES	33	27	51	2	6		28	14	18	23	19	681	1.0	1.0
DeC	DELRIDGE-CABBART LOAMS, 6 TO 15 PERCENT SLOPES	25	20	39	1	5		21	10	13	18	15	516	0.7	0.7
EaA	EAPA LOAM, 0 TO 2 PERCENT SLOPES	87	71	135	5	16		74	36	46	61	51	1,795	2.5	2.5
EaB	EAPA LOAM, 2 TO 6 PERCENT SLOPES	80	65	124	5	15		68	33	43	56	47	1,651	2.3	2.3
EaC	EAPA LOAM, 6 TO 9 PERCENT SLOPES	63	52	98	4	12		53	26	34	44	37	1,300	1.8	1.8
EdB	EAPA-DELRIDGE LOAMS, 2 TO 6 PERCENT SLOPES	72	59	112	4	13		61	30	38	51	42	1,486	2.1	2.1
EdC	EAPA-DELRIDGE LOAMS, 6 TO 9 PERCENT SLOPES	61	50	95	4	11		52	25	32	43	35	1,259	1.8	1.8
EgB	EAPA-GRAIL COMPLEX, 2 TO 6 PERCENT SLOPES	79	65	123	5	15		67	33	42	55	46	1,630	2.3	2.3
EgC	EAPA-GRAIL COMPLEX, 6 TO 9 PERCENT SLOPES	64	52	100	4	12		54	27	34	45	37	1,321	1.8	1.9
GaA	GERDRUM LOAM, 0 TO 4 PERCENT SLOPES	36	29	56	2	7		30	15	19	25	21	743	1.0	1.1
Gc	GLENBERG FINE SANDY LOAM	43	35	67	3	8		36	18	23	30	25	887	1.2	1.3
Gr	GRAIL SILT LOAM	93	76	145	6	17		79	39	49	65	54	1,919	2.7	2.7
Hb	HAVRE LOAM	81	66	126	5	15		68	34	43	57	47	1,671	2.3	2.4
Hc	HAVRE LOAM, CHANNELED	30	25	47	2	6		25	12	16	21	17	619	0.9	0.9
He	HEIL SILTY CLAY LOAM	9	7	14	1	2		8	4	5	6	5	186	0.3	0.3
HfB	HISLE-SLICKSPOTS COMPLEX, 0 TO 4 PERCENT SLOPES	6	5	9	0	1		5	2	3	4	3	124	0.2	0.2
KyA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	59	48	92	4	11		50	24	31	41	34	1,217	1.7	1.7
KyB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	52	43	81	3	10		44	22	28	36	30	1,073	1.5	1.5
La	LARDELL FINE SANDY LOAM	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
LaB	LAWTHER SILTY CLAY, 2 TO 6 PERCENT SLOPES	74	61	115	4	14		63	31	39	52	43	1,527	2.1	2.2
LbE	LISMAS CLAY, 15 TO 40 PERCENT SLOPES	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
LcA	LOBURN-GERDRUM LOAMS, 0 TO 3 PERCENT SLOPES	39	32	61	2	7		33	16	21	27	23	805	1.1	1.1
Ld	LOHMILLER SILTY CLAY LOAM	74	61	115	4	14		63	31	39	52	43	1,527	2.1	2.2

Meade N County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Lg	LOHMILLER SILTY CLAY LOAM, CHANNELED	30	25	47	2	6		25	12	16	21	17	619	0.9	0.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
NaD	NIHILL-ATTEWAN COMPLEX, 4 TO 20 PERCENT SLOPES	24	20	37	1	4		20	10	13	17	14	495	0.7	0.7
NuA	NUNN CLAY LOAM, 0 TO 2 PERCENT SLOPES	85	70	132	5	16		72	35	45	60	49	1,754	2.5	2.5
NuB	NUNN CLAY LOAM, 2 TO 6 PERCENT SLOPES	79	65	123	5	15		67	33	42	55	46	1,630	2.3	2.3
Or	ORTHENTS, LOAMY	1	1	2	0	0		1	0	1	1	1	21	0.0	0.0
PbB	PARCHIN-BULLOCK FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	24	20	37	1	4		20	10	13	17	14	495	0.7	0.7
PeB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	46	38	72	3	9		39	19	24	32	27	949	1.3	1.3
PeC	PIERRE CLAY, 6 TO 15 PERCENT SLOPES	28	23	44	2	5		24	12	15	20	16	578	0.8	0.8
PlE	PIERRE-LISMAS CLAYS, 15 TO 40 PERCENT SLOPES	11	9	17	1	2		9	5	6	8	6	227	0.3	0.3
PsC	PIERRE-SAMSIL CLAYS, 6 TO 15 PERCENT SLOPES	27	22	42	2	5		23	11	14	19	16	557	0.8	0.8
RoE	ROCK OUTCROP-CABBART-BULLOCK COMPLEX, 15 TO 40 PERCENT SLOPES	4	3	6	0	1		3	2	2	3	2	83	0.1	0.1
SaD	SAMSIL CLAY, 6 TO 25 PERCENT SLOPES	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
SbE	SAMSIL-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
SdA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	84	69	131	5	16		71	35	45	59	49	1,733	2.4	2.5
SdB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	80	65	124	5	15		68	33	43	56	47	1,651	2.3	2.3
St	STETTER CLAY	41	34	64	2	8		35	17	22	29	24	846	1.2	1.2
SwA	SWANBOY CLAY	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
SyA	SWANBOY-SLICKSPOTS COMPLEX, 0 TO 2 PERCENT SLOPES	13	11	20	1	2		11	5	7	9	8	268	0.4	0.4
TdB	TANNA-DELRIDGE COMPLEX, 2 TO 6 PERCENT SLOPES	61	50	95	4	11		52	25	32	43	35	1,259	1.8	1.8
TdC	TANNA-DELRIDGE COMPLEX, 6 TO 9 PERCENT SLOPES	48	39	75	3	9		41	20	26	34	28	990	1.4	1.4
TsB	TANNA-SAVO COMPLEX, 2 TO 6 PERCENT SLOPES	66	54	103	4	12		56	27	35	46	38	1,362	1.9	1.9
TsC	TANNA-SAVO COMPLEX, 6 TO 9 PERCENT SLOPES	53	43	82	3	10		45	22	28	37	31	1,094	1.5	1.5
TwC	TWILIGHT-MARMARTH-PARCHIN FINE SANDY LOAMS, 4 TO 9 PERCENT SLOP	34	28	53	2	6		29	14	18	24	20	702	1.0	1.0
W	WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
WhC	WINLER CLAY, 2 TO 9 PERCENT SLOPES	9	7	14	1	2		8	4	5	6	5	186	0.3	0.3
WlC	WINLER-LISMAS CLAYS, 6 TO 15 PERCENT SLOPES	11	9	17	1	2		9	5	6	8	6	227	0.3	0.3
YaC	YAWDIM SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	16	13	25	1	3		14	7	9	11	9	330	0.5	0.5

Meade S County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		50	96	4	11		52	26	33	43	36	1,270	1.8	1.8
	County Average Crop Soil Map Unit Productivity Index =	61.55													
AlA	ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	56	46	87	3	10		47	23	30	39	33	1,155	1.6	1.6
AlB	ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	50	41	78	3	9		42	21	27	35	29	1,032	1.4	1.5
AnB	ARVADA SILT LOAM, 0 TO 6 PERCENT SLOPES	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
ArB	ARVADA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	12	10	19	1	2		10	5	6	8	7	248	0.3	0.4
AsB	ASSINNIBOINE FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	77	63	120	5	14		65	32	41	54	45	1,589	2.2	2.3
Ba	BANKARD SOILS	28	23	44	2	5		24	12	15	20	16	578	0.8	0.8
BlD	BLACKPIPE SILT LOAM, 6 TO 15 PERCENT SLOPES	43	35	67	3	8		36	18	23	30	25	887	1.2	1.3
BsD	BLACKPIPE-SHINGLE COMPLEX, 6 TO 15 PERCENT SLOPES	33	27	51	2	6		28	14	18	23	19	681	1.0	1.0
CaE	CABBART LOAM, 15 TO 40 PERCENT SLOPES	8	7	12	0	1		7	3	4	6	5	165	0.2	0.2
CbD	CANYON-BRIDGET LOAMS, 6 TO 20 PERCENT SLOPES	24	20	37	1	4		20	10	13	17	14	495	0.7	0.7
CdE	CANYON-BUTCHE ASSOCIATION, STEEP	6	5	9	0	1		5	2	3	4	3	124	0.2	0.2
CtE	CITADEL ASSOCIATION, HILLY	1	1	2	0	0		1	0	1	1	1	21	0.0	0.0
DaD	DELRIDGE LOAM, 6 TO 15 PERCENT SLOPES	24	20	37	1	4		20	10	13	17	14	495	0.7	0.7
EaD	ENNING-MANVEL COMPLEX, 6 TO 20 PERCENT SLOPES	27	22	42	2	5		23	11	14	19	16	557	0.8	0.8
EbE	ENNING-ROCK OUTCROP COMPLEX, 20 TO 40 PERCENT SLOPES	4	3	6	0	1		3	2	2	3	2	83	0.1	0.1
Ga	GLENBERG SOILS	43	35	67	3	8		36	18	23	30	25	887	1.2	1.3
GbD	GRUMMIT CLAY, 6 TO 15 PERCENT SLOPES	16	13	25	1	3		14	7	9	11	9	330	0.5	0.5
GcE	GRUMMIT-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	3	2	5	0	1		3	1	2	2	2	62	0.1	0.1
Gp	ORTHENTS, GRAVELLY	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
HbB	HISLE-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	8	7	12	0	1		7	3	4	6	5	165	0.2	0.2
Ho	HOVEN SILT LOAM	10	8	16	1	2		8	4	5	7	6	206	0.3	0.3
KaA	KEITH SILT LOAM, 0 TO 2 PERCENT SLOPES	90	74	140	5	17		76	37	48	63	52	1,857	2.6	2.6
KaB	KEITH SILT LOAM, 2 TO 6 PERCENT SLOPES	87	71	135	5	16		74	36	46	61	51	1,795	2.5	2.5
KbA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	62	51	96	4	12		52	26	33	44	36	1,279	1.8	1.8
KbB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	55	45	86	3	10		46	23	29	39	32	1,135	1.6	1.6
KcB	KYLE SOILS, 2 TO 6 PERCENT SLOPES, MOUNDED	56	46	87	3	10		47	23	30	39	33	1,155	1.6	1.6
LaD	LAKOA-MAITLAND ASSOCIATION, HILLY	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
LbE	LISMAS CLAY, 15 TO 40 PERCENT SLOPES	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
LcD	LISMAS-WINLER ASSOCIATION, SLOPING	14	11	22	1	3		12	6	7	10	8	289	0.4	0.4
Le	LOHMILLER SILTY CLAY LOAM	73	60	114	4	14		62	30	39	51	42	1,506	2.1	2.1
Lh	LOHMILLER AND GLENBERG SOILS, CHANNELED	36	29	56	2	7		30	15	19	25	21	743	1.0	1.1
Ma	MACKEN SILTY CLAY	31	25	48	2	6		26	13	16	22	18	640	0.9	0.9
MbB	MANVEL SILT LOAM, 4 TO 9 PERCENT SLOPES	58	47	90	3	11		49	24	31	41	34	1,197	1.7	1.7
McB	MARSHBROOK-CORDESTON LOAMS, 2 TO 9 PERCENT SLOPES	33	27	51	2	6		28	14	18	23	19	681	1.0	1.0
MdD	MIDWAY-BLACKPIPE COMPLEX, 9 TO 40 PERCENT SLOPES	19	16	30	1	4		16	8	10	13	11	392	0.5	0.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
NaD	NEVEE-SPEARFISH COMPLEX, 6 TO 15 PERCENT SLOPES	25	20	39	1	5		21	10	13	18	15	516	0.7	0.7

Meade S County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
NbE	NIHILL GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	10	8	16	1	2		8	4	5	7	6	206	0.3	0.3
NcA	NUNN CLAY LOAM, 0 TO 2 PERCENT SLOPES	87	71	135	5	16		74	36	46	61	51	1,795	2.5	2.5
NcB	NUNN CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	65	124	5	15		68	33	43	56	47	1,651	2.3	2.3
NcC	NUNN CLAY LOAM, 6 TO 9 PERCENT SLOPES	64	52	100	4	12		54	27	34	45	37	1,321	1.8	1.9
OaA	ONITA CLAY LOAM, 0 TO 4 PERCENT SLOPES	97	79	151	6	18		82	40	52	68	56	2,001	2.8	2.8
Or	ORTHENTS, LOAMY	1	1	2	0	0		1	0	1	1	1	21	0.0	0.0
PaE	PAUNSAUGUNT-ROCK OUTCROP COMPLEX, 3 TO 40 PERCENT SLOPE S	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
PbB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	50	41	78	3	9		42	21	27	35	29	1,032	1.4	1.5
PbC	PIERRE CLAY, 6 TO 15 PERCENT SLOPES	29	24	45	2	5		25	12	15	20	17	598	0.8	0.8
SaE	SAMSIL CLAY, 15 TO 40 PERCENT SLOPES	7	6	11	0	1		6	3	4	5	4	144	0.2	0.2
SbD	SAMSIL-PIERRE ASSOCIATION, SLOPING	19	16	30	1	4		16	8	10	13	11	392	0.5	0.6
ScE	SAMSIL-ROCK OUTCROP ASSOCIATION, STEEP	5	4	8	0	1		4	2	3	4	3	103	0.1	0.1
SdA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	84	69	131	5	16		71	35	45	59	49	1,733	2.4	2.5
SdB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	75	61	117	4	14		63	31	40	53	44	1,548	2.2	2.2
SdC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	61	50	95	4	11		52	25	32	43	35	1,259	1.8	1.8
SeA	SATANTA-BECKTON LOAMS, 0 TO 3 PERCENT SLOPES	64	52	100	4	12		54	27	34	45	37	1,321	1.8	1.9
ShA	SAVO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	81	66	126	5	15		68	34	43	57	47	1,671	2.3	2.4
SkB	SAVO AND BLACKPIPE SOILS, 2 TO 6 PERCENT SLOPES	69	56	107	4	13		58	29	37	48	40	1,424	2.0	2.0
SlE	SPEARFISH-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	6	5	9	0	1		5	2	3	4	3	124	0.2	0.2
So	ST. ONGE LOAM	85	70	132	5	16		72	35	45	60	49	1,754	2.5	2.5
St	STETTER CLAY	41	34	64	2	8		35	17	22	29	24	846	1.2	1.2
SwB	SWANBOY CLAY, 2 TO 6 PERCENT SLOPES	10	8	16	1	2		8	4	5	7	6	206	0.3	0.3
SyB	SWANBOY-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	10	8	16	1	2		8	4	5	7	6	206	0.3	0.3
TaA	TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	88	72	137	5	16		74	37	47	62	51	1,816	2.5	2.6
TaB	TILFORD SILT LOAM, 2 TO 6 PERCENT SLOPES	79	65	123	5	15		67	33	42	55	46	1,630	2.3	2.3
VaE	VANOCKER-CITADEL ASSOCIATION, STEEP	2	2	3	0	0		2	1	1	1	1	41	0.1	0.1
W	WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
Wa	WINETTI GRAVELLY LOAM	21	17	33	1	4		18	9	11	15	12	433	0.6	0.6
WbC	WINLER CLAY, 2 TO 9 PERCENT SLOPES	9	7	14	1	2		8	4	5	6	5	186	0.3	0.3
WcB	WINLER-SWANBOY CLAYS, 0 TO 6 PERCENT SLOPES	7	6	11	0	1		6	3	4	5	4	144	0.2	0.2
ZaD	ZIGWEID-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	27	22	42	2	5		23	11	14	19	16	557	0.8	0.8

Mellette County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		58	169	5	13	31	57	28	39	53	44	1,448	1.4	1.4
	County Average Crop Soil Map Unit Productivity Index =	61.14													
AlC	ALTVAN LOAM, 5 TO 9 PERCENT SLOPES	43	41	119	4	9	22	40	20	27	38	31	1,018	1.0	0.9
Ba	BADLAND-IMLAY COMPLEX, 3 TO 40 PERCENT SLOPES	8	8	22	1	2	4	7	4	5	7	6	189	0.2	0.2
Bg	INAVALE AND MUNJOR SOILS	49	47	136	4	10	25	45	22	31	43	35	1,160	1.1	1.1
Bk	BARREN BADLAND	4	4	11	0	1	2	4	2	3	3	3	95	0.1	0.1
Bp	BLACKPIPE SOILS	59	56	163	5	12	30	55	27	38	52	42	1,397	1.3	1.3
Br	BIGBEND SILTY CLAY LOAM	83	79	230	7	17	43	77	38	53	72	59	1,965	1.9	1.8
Bs	WENDTE SILTY CLAY LOAM, CHANNELED	30	29	83	3	6	15	28	14	19	26	21	710	0.7	0.7
Bt	HILMOE SILTY CLAY	73	70	202	6	15	37	67	33	47	64	52	1,729	1.6	1.6
Bu	WENDTE SILTY CLAY, CHANNELED	30	29	83	3	6	15	28	14	19	26	21	710	0.7	0.7
Bv	SWANBOY CLAY	11	11	30	1	2	6	10	5	7	10	8	260	0.2	0.2
Bw	WENDTE SOILS, CHANNELED	30	29	83	3	6	15	28	14	19	26	21	710	0.7	0.7
Bx	HILMOE-MINATARE COMPLEX	55	53	152	5	11	28	51	25	35	48	39	1,302	1.2	1.2
CaB	KIRLEY LOAM, 2 TO 5 PERCENT SLOPES	82	78	227	7	17	42	76	38	52	72	59	1,942	1.8	1.8
CaC	KIRLEY LOAM, 5 TO 9 PERCENT SLOPES	66	63	183	6	14	34	61	30	42	58	47	1,563	1.5	1.5
Ce	CEDAR BUTTE ASSOCIATION	38	36	105	3	8	19	35	17	24	33	27	900	0.9	0.8
ClE	CONATA-LARVIE CLAYS, 9 TO 25 PERCENT SLOPES	16	15	44	1	3	8	15	7	10	14	11	379	0.4	0.4
DsC	DUNDAY LOAMY FINE SAND, 6 TO 9 PERCENT SLOPES	33	32	91	3	7	17	31	15	21	29	24	781	0.7	0.7
DtB	DUNDAY AND ANSELMO SOILS, 0 TO 6 PERCENT SLOPES	49	47	136	4	10	25	45	22	31	43	35	1,160	1.1	1.1
DuD	DUNDAY AND VALENTINE SOILS, 9 TO 15 PERCENT SLOPES	20	19	55	2	4	10	18	9	13	17	14	474	0.4	0.4
DvA	DUROC AND KADOKA SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	85	247	8	19	46	82	41	57	78	64	2,107	2.0	2.0
DvB	DUROC AND KADOKA SILT LOAMS, 2 TO 5 PERCENT SLOPES	81	77	224	7	17	42	75	37	52	71	58	1,918	1.8	1.8
EhD	EPPING-HUGGINS SILT LOAMS, 5 TO 15 PERCENT SLOPES	29	28	80	2	6	15	27	13	18	25	21	687	0.7	0.6
EhE	EPPING-HUGGINS SILT LOAMS, 15 TO 40 PERCENT SLOPES	14	13	39	1	3	7	13	6	9	12	10	332	0.3	0.3
Ge	MUNJOR FINE SANDY LOAM	47	45	130	4	10	24	43	22	30	41	34	1,113	1.1	1.0
Gp	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Ha	HILMOE SILT LOAM	69	66	191	6	14	35	64	32	44	60	49	1,634	1.6	1.5
Hc	INTERIOR SILT LOAM, CHANNELED	30	29	83	3	6	15	28	14	19	26	21	710	0.7	0.7
Hd	HILMOE SILT LOAM	74	71	205	6	15	38	68	34	47	65	53	1,752	1.7	1.6
He	HILMOE SOILS	73	70	202	6	15	37	67	33	47	64	52	1,729	1.6	1.6
HlD	HISLE AND ORELLA SOILS, 0 TO 15 PERCENT SLOPES	9	9	25	1	2	5	8	4	6	8	6	213	0.2	0.2
HnB	HUGGINS SILT LOAM, 2 TO 5 PERCENT SLOPES	67	64	186	6	14	34	62	31	43	59	48	1,587	1.5	1.5
HnC	HUGGINS SILT LOAM, 5 TO 9 PERCENT SLOPES	50	48	139	4	10	26	46	23	32	44	36	1,184	1.1	1.1
HpD	HUGGINS-EPPING SILT LOAMS, 5 TO 15 PERCENT SLOPES	31	30	86	3	6	16	29	14	20	27	22	734	0.7	0.7
HuA	HUGGINS-KADOKA SILT LOAMS, 0 TO 2 PERCENT SLOPES	81	77	224	7	17	42	75	37	52	71	58	1,918	1.8	1.8
HuB	HUGGINS-KADOKA SILT LOAMS, 2 TO 5 PERCENT SLOPES	73	70	202	6	15	37	67	33	47	64	52	1,729	1.6	1.6
HwB	HUGGINS AND WORTMAN SILT LOAMS, 2 TO 5 PERCENT SLOPES	49	47	136	4	10	25	45	22	31	43	35	1,160	1.1	1.1
Ib	IMLAY-BADLAND ASSOCIATION	5	5	14	0	1	3	5	2	3	4	4	118	0.1	0.1

Mellette County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
IcD	IMLAY AND CONATA SOILS, 6 TO 15 PERCENT SLOPES	15	14	42	1	3	8	14	7	10	13	11	355	0.3	0.3
IcE	IMLAY AND CONATA SOILS, 15 TO 40 PERCENT SLOPES	9	9	25	1	2	5	8	4	6	8	6	213	0.2	0.2
InE	IMLAY-NORREST SILT LOAMS, 9 TO 25 PERCENT SLOPES	12	11	33	1	2	6	11	5	8	10	9	284	0.3	0.3
Ka	KADOKA-KUBE SILT LOAMS	80	76	222	7	17	41	74	37	51	70	57	1,894	1.8	1.8
KeD	KEOTA-EPPING SILT LOAMS, 9 TO 15 PERCENT SLOPES	22	21	61	2	5	11	20	10	14	19	16	521	0.5	0.5
Kh	KOLLS AND HOVEN SOILS	20	19	55	2	4	10	18	9	13	17	14	474	0.4	0.4
Ky	KYLE CLAY	57	54	158	5	12	29	53	26	36	50	41	1,350	1.3	1.3
LaD	LAKOMA-MURDO COMPLEX, 9 TO 15 PERCENT SLOPES	25	24	69	2	5	13	23	11	16	22	18	592	0.6	0.6
LdD	LAKOMA-OKATON CLAYS, 5 TO 15 PERCENT SLOPES	32	31	89	3	7	16	30	15	20	28	23	758	0.7	0.7
LdE	LAKOMA-OKATON CLAYS, 15 TO 40 PERCENT SLOPES	13	12	36	1	3	7	12	6	8	11	9	308	0.3	0.3
LeC	LARVIE CLAY, 5 TO 9 PERCENT SLOPES	38	36	105	3	8	19	35	17	24	33	27	900	0.9	0.8
LfC	LARVIE-CONATA CLAYS, 6 TO 15 PERCENT SLOPES	29	28	80	2	6	15	27	13	18	25	21	687	0.7	0.6
LhC	LARVIE AND HISLE SOILS, 0 TO 9 PERCENT SLOPES	25	24	69	2	5	13	23	11	16	22	18	592	0.6	0.6
LmB	LARVIE-METRE CLAYS, 2 TO 5 PERCENT SLOPES	52	50	144	4	11	27	48	24	33	45	37	1,231	1.2	1.1
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	90	86	249	8	19	46	83	41	57	79	64	2,131	2.0	2.0
LoB	LOWRY SILT LOAM, 2 TO 5 PERCENT SLOPES	84	80	233	7	17	43	78	38	54	73	60	1,989	1.9	1.9
Ls	LOWRY-SLICKSPOTS COMPLEX	71	68	197	6	15	36	66	33	45	62	51	1,681	1.6	1.6
MaD	MANTER-ANSELMO FINE SANDY LOAMS, 9 TO 15 PERCENT SLOPES	28	27	78	2	6	14	26	13	18	24	20	663	0.6	0.6
McE	MANTER-SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES	16	15	44	1	3	8	15	7	10	14	11	379	0.4	0.4
MfC	MANTER-TUTHILL FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	36	34	100	3	7	18	33	16	23	31	26	852	0.8	0.8
MlB	MILLBORO-RELIANCE COMPLEX, 2 TO 5 PERCENT SLOPES	81	77	224	7	17	42	75	37	52	71	58	1,918	1.8	1.8
MlC	MILLBORO-RELIANCE COMPLEX, 5 TO 9 PERCENT SLOPES	65	62	180	6	14	33	60	30	41	57	47	1,539	1.5	1.4
Mm	MINATARE SOILS	20	19	55	2	4	10	18	9	13	17	14	474	0.4	0.4
Mn	BIGBEND SILT LOAM	82	78	227	7	17	42	76	38	52	72	59	1,942	1.8	1.8
Mo	MOSHER SOILS	34	32	94	3	7	17	31	16	22	30	24	805	0.8	0.8
MrC	MURDO GRAVELLY LOAM, 2 TO 9 PERCENT SLOPES	15	14	42	1	3	8	14	7	10	13	11	355	0.3	0.3
MsD	MURDO-LAKOMA COMPLEX, 6 TO 15 PERCENT SLOPES	21	20	58	2	4	11	19	10	13	18	15	497	0.5	0.5
MuD	MURDO-SCHAMBER GRAVELLY LOAMS, 9 TO 15 PERCENT SLOPES	8	8	22	1	2	4	7	4	5	7	6	189	0.2	0.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NlC	NORREST SILT LOAM, 5 TO 9 PERCENT SLOPES	48	46	133	4	10	25	44	22	31	42	34	1,137	1.1	1.1
Nm	NORREST-BADLAND ASSOCIATION	39	37	108	3	8	20	36	18	25	34	28	924	0.9	0.9
NoA	NORREST-BLACKPIPE SILT LOAMS, 0 TO 2 PERCENT SLOPES	68	65	188	6	14	35	63	31	43	59	49	1,610	1.5	1.5
NoB	NORREST-BLACKPIPE SILT LOAMS, 2 TO 5 PERCENT SLOPES	59	56	163	5	12	30	55	27	38	52	42	1,397	1.3	1.3
NrC	NORREST-CEDAR BUTTE SILT LOAMS 3 TO 9 PERCENT SLOPES	38	36	105	3	8	19	35	17	24	33	27	900	0.9	0.8
NsC	NORREST-IMLAY SILT LOAMS, 5 TO 9 PERCENT SLOPES	37	35	103	3	8	19	34	17	24	32	26	876	0.8	0.8
NsD	NORREST-IMLAY SILT LOAMS, 9 TO 15 PERCENT SLOPES	28	27	78	2	6	14	26	13	18	24	20	663	0.6	0.6
NtB	NORREST AND OKREEK SOILS, 2 TO 5 PERCENT SLOPES	48	46	133	4	10	25	44	22	31	42	34	1,137	1.1	1.1
OcC	OPAL CLAY, 5 TO 9 PERCENT SLOPES	54	52	150	5	11	28	50	25	34	47	39	1,279	1.2	1.2
OgC	OPAL CLAY, MOUNDED, 5 TO 9 PERCENT SLOPES	54	52	150	5	11	28	50	25	34	47	39	1,279	1.2	1.2
OlB	OPAL-KIRLEY COMPLEX, 2 TO 5 PERCENT SLOPES	66	63	183	6	14	34	61	30	42	58	47	1,563	1.5	1.5

Mellette County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
OlC	OPAL-KIRLEY COMPLEX, 5 TO 9 PERCENT SLOPES	55	53	152	5	11	28	51	25	35	48	39	1,302	1.2	1.2
OmB	OPAL-MOSHER COMPLEX, 2 TO 6 PERCENT SLOPES	50	48	139	4	10	26	46	23	32	44	36	1,184	1.1	1.1
OpB	OPAL-PROMISE CLAYS, 2 TO 5 PERCENT SLOPES	61	58	169	5	13	31	56	28	39	53	44	1,444	1.4	1.3
OtB	OPAL-TUTHILL COMPLEX, 2 TO 5 PERCENT SLOPES	58	55	161	5	12	30	54	27	37	51	42	1,373	1.3	1.3
OtD	OPAL-TUTHILL COMPLEX, 5 TO 15 PERCENT SLOPES	39	37	108	3	8	20	36	18	25	34	28	924	0.9	0.9
OwC	OPAL-WOODLY COMPLEX, 3 TO 9 PERCENT SLOPES	57	54	158	5	12	29	53	26	36	50	41	1,350	1.3	1.3
Ox	ORELLA-ROCK OUTCROP COMPLEX	13	12	36	1	3	7	12	6	8	11	9	308	0.3	0.3
PcA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	74	71	205	6	15	38	68	34	47	65	53	1,752	1.7	1.6
PcB	PROMISE CLAY, 2 TO 5 PERCENT SLOPES	69	66	191	6	14	35	64	32	44	60	49	1,634	1.6	1.5
Pd	WENDTE SOILS	71	68	197	6	15	36	66	33	45	62	51	1,681	1.6	1.6
PgA	PROMISE AND OPAL CLAYS, 0 TO 2 PERCENT SLOPES	67	64	186	6	14	34	62	31	43	59	48	1,587	1.5	1.5
PgB	PROMISE AND OPAL CLAYS, 2 TO 5 PERCENT SLOPES	63	60	175	5	13	32	58	29	40	55	45	1,492	1.4	1.4
PmA	PROMISE-MOSHER COMPLEX, 0 TO 2 PERCENT SLOPES	63	60	175	5	13	32	58	29	40	55	45	1,492	1.4	1.4
Ps	WENDTE SOILS AND SLICKSPOTS	54	52	150	5	11	28	50	25	34	47	39	1,279	1.2	1.2
ReB	REE LOAM, 2 TO 5 PERCENT SLOPES	80	76	222	7	17	41	74	37	51	70	57	1,894	1.8	1.8
RkA	REE AND KEYA LOAMS, 0 TO 2 PERCENT SLOPES	88	84	244	8	18	45	81	40	56	77	63	2,084	2.0	1.9
RkB	REE AND KEYA LOAMS, 2 TO 5 PERCENT SLOPES	83	79	230	7	17	43	77	38	53	72	59	1,965	1.9	1.8
SaE	SANSARC CLAY, 15 TO 40 PERCENT SLOPES	5	5	14	0	1	3	5	2	3	4	4	118	0.1	0.1
SlD	OKATON-LAKOMA CLAYS, 9 TO 15 PERCENT SLOPES	25	24	69	2	5	13	23	11	16	22	18	592	0.6	0.6
SlE	OKATON-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES	14	13	39	1	3	7	13	6	9	12	10	332	0.3	0.3
SmE	SANSARC-MANTER COMPLEX, 15 TO 40 PERCENT SLOPES	12	11	33	1	2	6	11	5	8	10	9	284	0.3	0.3
SnE	SANSARC-SCHAMBER COMPLEX, 15 TO 40 PERCENT SLOPES	3	3	8	0	1	2	3	1	2	3	2	71	0.1	0.1
Ss	SANSARC-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	3	3	8	0	1	2	3	1	2	3	2	71	0.1	0.1
St	VALENTINE AND WHITELAKE SOILS, 3 TO 25 PERCENT SLOPES	19	18	53	2	4	10	18	9	12	17	14	450	0.4	0.4
SuA	RELIANCE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	85	247	8	19	46	82	41	57	78	64	2,107	2.0	2.0
SuB	RELIANCE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	81	77	224	7	17	42	75	37	52	71	58	1,918	1.8	1.8
SuC	RELIANCE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	66	63	183	6	14	34	61	30	42	58	47	1,563	1.5	1.5
SvE	SCHAMBER-MURDO GRAVELLY LOAMS, 15 TO 25 PERCENT SLOPES	4	4	11	0	1	2	4	2	3	3	3	95	0.1	0.1
SwE	SCHAMBER-SANSARC COMPLEX, 15 TO 40 PERCENT SLOPES	2	2	6	0	0	1	2	1	1	2	1	47	0.0	0.0
Sy	STIRK CLAY	28	27	78	2	6	14	26	13	18	24	20	663	0.6	0.6
ThB	TUTHILL FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	49	47	136	4	10	25	45	22	31	43	35	1,160	1.1	1.1
ToC	TUTHILL-OPAL COMPLEX, 2 TO 9 PERCENT SLOPES	44	42	122	4	9	23	41	20	28	38	31	1,042	1.0	1.0
TuB	TUTHILL AND WHITELAKE FINE SANDY LOAMS, 0 TO 5 PERCENT SLOPES	45	43	125	4	9	23	42	21	29	39	32	1,066	1.0	1.0
TwA	TUTHILL-WOODLY FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	66	63	183	6	14	34	61	30	42	58	47	1,563	1.5	1.5
TwB	TUTHILL-WOODLY FINE SANDY LOAMS, 3 TO 6 PERCENT SLOPES	58	55	161	5	12	30	54	27	37	51	42	1,373	1.3	1.3
VaE	VALENTINE FINE SAND, 15 TO 35 PERCENT SLOPES	6	6	17	1	1	3	6	3	4	5	4	142	0.1	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WANBLEE-WHITELAKE COMPLEX	29	28	80	2	6	15	27	13	18	25	21	687	0.7	0.6
WbB	WANBLEE-WORTMAN ASSOCIATION, 0 TO 5 PERCENT SLOPES	26	25	72	2	5	13	24	12	17	23	19	616	0.6	0.6
Wd	WOODLY FINE SANDY LOAM	93	89	258	8	19	48	86	43	59	81	67	2,202	2.1	2.1

Mellette County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WoB	WOODLY-OPAL COMPLEX, 2 TO 5 PERCENT SLOPES	80	76	222	7	17	41	74	37	51	70	57	1,894	1.8	1.8
Ww	WORTMAN AND WANBLEE SILT LOAMS	32	31	89	3	7	16	30	15	20	28	23	758	0.7	0.7

Miner County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		124	155	13	13	36		48	64	89	62		2.0	3.2
	County Average Crop Soil Map Unit Productivity Index =	70.41													
Ar	ARLO CLAY LOAM	44	78	97	8	8	23		30	40	55	39		1.2	2.0
Ba	BALTIC SILTY CLAY LOAM	31	55	68	6	6	16		21	28	39	27		0.9	1.4
Bn	BON LOAM	96	169	211	17	18	49		65	87	121	85		2.7	4.3
Bo	BON LOAM, CHANNELED	33	58	73	6	6	17		22	30	42	29		0.9	1.5
Ca	CHANCELLOR-TETONKA COMPLEX	75	132	165	13	14	38		51	68	95	66		2.1	3.4
Cc	CLAMO SILTY CLAY LOAM	56	99	123	10	10	29		38	51	71	49		1.6	2.5
CfA	CLARNO-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	88	155	193	16	16	45		59	79	111	77		2.5	3.9
CfB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	84	148	185	15	16	43		57	76	106	74		2.4	3.8
CgA	CLARNO-CROSSPLAIN LOAMS, 0 TO 2 PERCENT SLOPES	82	144	180	15	15	42		55	74	103	72		2.3	3.7
CkB	CLARNO-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	77	136	169	14	14	39		52	69	97	68		2.2	3.4
CnA	CLARNO-STICKNEY-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	72	127	158	13	13	37		49	65	91	63		2.0	3.2
CnB	CLARNO-STICKNEY-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	69	122	152	12	13	35		47	62	87	61		1.9	3.1
Ct	CROSSPLAIN-TETONKA COMPLEX	72	127	158	13	13	37		49	65	91	63		2.0	3.2
Da	DAVIS LOAM, 1 TO 4 PERCENT SLOPES	85	150	187	15	16	44		57	77	107	75		2.4	3.8
Do	DUDLEY-JERAULD SILT LOAMS	25	44	55	4	5	13		17	23	32	22		0.7	1.1
Du	DURRSTEIN SILT LOAM	10	18	22	2	2	5		7	9	13	9		0.3	0.4
EbB	EGAN-TRENT SILTY CLAY LOAMS, 1 TO 4 PERCENT SLOPES	87	153	191	16	16	45		59	78	110	77		2.4	3.9
EdA	ENET-DELMONT LOAMS, 0 TO 4 PERCENT SLOPES	57	100	125	10	11	29		39	51	72	50		1.6	2.6
EgC	ETHAN-CLARNO COMPLEX, 6 TO 9 PERCENT SLOPES	61	107	134	11	11	31		41	55	77	54		1.7	2.7
EgD	ETHAN-CLARNO COMPLEX, 9 TO 15 PERCENT SLOPES	46	81	101	8	9	24		31	41	58	41		1.3	2.1
EmB	ETHAN-EGAN COMPLEX, 3 TO 7 PERCENT SLOPES	76	134	167	14	14	39		51	69	96	67		2.1	3.4
HdA	HOUDEK-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	60	106	132	11	11	31		41	54	76	53		1.7	2.7
HdB	HOUDEK-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	56	99	123	10	10	29		38	51	71	49		1.6	2.5
HgA	HOUDEK-DUDLEY-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	59	104	130	11	11	30		40	53	74	52		1.7	2.6
HgB	HOUDEK-DUDLEY-TETONKA COMPLEX, 0 TO 6 PERCENT SLOPES	54	95	119	10	10	28		37	49	68	48		1.5	2.4
Ho	HOVEN SILT LOAM	13	23	29	2	2	7		9	12	16	11		0.4	0.6
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	159	198	16	17	46		61	81	113	79		2.5	4.0
HxB	HUNTIMER-EGAN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	84	148	185	15	16	43		57	76	106	74		2.4	3.8
La	LAMO SILTY CLAY LOAM	63	111	138	11	12	32		43	57	79	55		1.8	2.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Sd	STICKNEY-DUDLEY COMPLEX	49	86	108	9	9	25		33	44	62	43		1.4	2.2
Te	TETONKA SILT LOAM	57	100	125	10	11	29		39	51	72	50		1.6	2.6
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wo	WORTHING SILTY CLAY LOAM	27	48	59	5	5	14		18	24	34	24		0.8	1.2
Wp	WORTHING SILTY CLAY LOAM, PONDED	5	9	11	1	1	3		3	5	6	4		0.1	0.2

Minnehaha County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		156	163	14	13	44		50	64	86	62		1.9	4.0
	County Average Crop Soil Map Unit Productivity Index =	74.18													
AcA	ALCESTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	97	204	213	18	17	57		65	83	112	81		2.5	5.3
AcB	ALCESTER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	92	193	202	17	16	54		62	79	107	77		2.4	5.0
Ar	ARLO LOAM, 0 TO 1 PERCENT SLOPES	53	111	117	10	9	31		36	45	61	44		1.4	2.9
Ba	BALTIC SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	30	63	66	6	5	18		20	26	35	25		0.8	1.6
Bb	BALTIC SILTY CLAY LOAM, PONDED	9	19	20	2	2	5		6	8	10	8		0.2	0.5
BcA	BENCLARE-CORSON COMPLEX, 0 TO 2 PERCENT SLOPES	84	176	185	16	15	49		56	72	97	70		2.2	4.6
BeE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	16	34	35	3	3	9		11	14	19	13		0.4	0.9
BfA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	68	143	150	13	12	40		46	58	79	57		1.8	3.7
BhB	BLENDON-HENKIN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	60	126	132	11	11	35		40	51	70	50		1.6	3.3
Bo	BON LOAM, 0 TO 2 PERCENT SLOPES	85	179	187	16	15	50		57	73	99	71		2.2	4.6
Cb	CHANCELLOR SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	78	164	172	15	14	46		52	67	90	65		2.0	4.2
Cc	CHANCELLOR-TETONKA COMPLEX, 0 TO 1 PERCENT SLOPES	68	143	150	13	12	40		46	58	79	57		1.8	3.7
Cd	CHASKA LOAM, 0 TO 2 PERCENT SLOPES	68	143	150	13	12	40		46	58	79	57		1.8	3.7
Ch	CHASKA LOAM, CHANNELED	43	90	95	8	8	25		29	37	50	36		1.1	2.3
Cm	CLAMO SILTY CLAY, 0 TO 1 PERCENT SLOPES	62	130	136	12	11	36		42	53	72	52		1.6	3.4
CoB	CORSON SILTY CLAY, 2 TO 6 PERCENT SLOPES	75	158	165	14	13	44		50	64	87	63		1.9	4.1
CoC	CORSON SILTY CLAY, 6 TO 9 PERCENT SLOPES	61	128	134	12	11	36		41	52	71	51		1.6	3.3
CpC	CORSON-HENKIN COMPLEX, 6 TO 9 PERCENT SLOPES	56	118	123	11	10	33		38	48	65	47		1.5	3.0
CrD	CROFTON-NORA COMPLEX, 9 TO 15 PERCENT SLOPES	52	109	114	10	9	30		35	45	60	43		1.3	2.8
CrE	CROFTON-NORA COMPLEX, 15 TO 25 PERCENT SLOPES	22	46	48	4	4	13		15	19	26	18		0.6	1.2
CsD	CROFTON-SHINDLER COMPLEX, 9 TO 15 PERCENT SLOPES	39	82	86	7	7	23		26	33	45	33		1.0	2.1
DcA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	89	187	196	17	16	52		60	76	103	74		2.3	4.8
DcB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	82	172	180	16	14	48		55	70	95	69		2.1	4.5
DcC	DAVIS LOAM, 6 TO 9 PERCENT SLOPES	72	151	158	14	13	42		48	62	83	60		1.9	3.9
Dd	DAVISON-CROSSPLAIN CLAY LOAMS, 0 TO 2 PERCENT SLOPES	76	160	167	14	13	45		51	65	88	64		2.0	4.1
DeA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	55	116	121	10	10	32		37	47	64	46		1.4	3.0
DeB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	48	101	106	9	8	28		32	41	56	40		1.2	2.6
DgC	DELMONT-TALMO COMPLEX, 6 TO 9 PERCENT SLOPES	32	67	70	6	6	19		22	27	37	27		0.8	1.7
DgD	DELMONT-TALMO COMPLEX, 9 TO 15 PERCENT SLOPES	17	36	37	3	3	10		11	15	20	14		0.4	0.9
DmA	DEMPSTER SILT LOAM, 0 TO 2 PERCENT SLOPES	66	139	145	12	12	39		44	56	77	55		1.7	3.6
DmB	DEMPSTER SILT LOAM, 2 TO 6 PERCENT SLOPES	61	128	134	12	11	36		41	52	71	51		1.6	3.3
DtB	DEMPSTER-TALMO COMPLEX, 2 TO 6 PERCENT SLOPES	48	101	106	9	8	28		32	41	56	40		1.2	2.6
Dw	DIMO CLAY LOAM, 0 TO 2 PERCENT SLOPES	73	153	161	14	13	43		49	62	85	61		1.9	4.0
DxB	DOBALT LOAM, 2 TO 6 PERCENT SLOPES	80	168	176	15	14	47		54	68	93	67		2.1	4.3
DyA	DOBALT-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	91	191	200	17	16	53		61	78	105	76		2.4	4.9
EaB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	76	160	167	14	13	45		51	65	88	64		2.0	4.1
EeB	EGAN-ETHAN-TRENT COMPLEX, 1 TO 6 PERCENT SLOPES	81	170	178	15	14	48		54	69	94	68		2.1	4.4

Minnehaha County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
EfA	EGAN-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	92	193	202	17	16	54		62	79	107	77		2.4	5.0
EgB	EGAN-WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	87	183	191	16	15	51		58	74	101	73		2.3	4.7
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	60	126	132	11	11	35		40	51	70	50		1.6	3.3
EoA	ENET-DIMO COMPLEX, 0 TO 2 PERCENT SLOPES	64	134	141	12	11	38		43	55	74	53		1.7	3.5
EpD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	33	69	73	6	6	19		22	28	38	28		0.9	1.8
EsE	ETHAN-CLARNO LOAMS, 6 TO 25 PERCENT SLOPES, VERY STONY	11	23	24	2	2	6		7	9	13	9		0.3	0.6
EtD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	39	82	86	7	7	23		26	33	45	33		1.0	2.1
EuC	ETHAN-EGAN COMPLEX, 6 TO 9 PERCENT SLOPES	61	128	134	12	11	36		41	52	71	51		1.6	3.3
ExC	ETHAN, VERY STONY-EGAN COMPLEX, 2 TO 9 PERCENT SLOPES	41	86	90	8	7	24		28	35	48	34		1.1	2.2
FaA	FLANDREAU LOAM, 0 TO 2 PERCENT SLOPES	76	160	167	14	13	45		51	65	88	64		2.0	4.1
FaB	FLANDREAU LOAM, 2 TO 6 PERCENT SLOPES	72	151	158	14	13	42		48	62	83	60		1.9	3.9
FtB	FLANDREAU-THURMAN COMPLEX, 2 TO 6 PERCENT SLOPES	63	132	139	12	11	37		42	54	73	53		1.6	3.4
GrA	GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	86	181	189	16	15	50		58	74	100	72		2.2	4.7
GsB	GROVENA LOAM, 2 TO 6 PERCENT SLOPES	86	181	189	16	15	50		58	74	100	72		2.2	4.7
GvA	GROVENA-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	93	195	205	18	16	55		62	80	108	78		2.4	5.1
HoB	HOUDEK CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	168	176	15	14	47		54	68	93	67		2.1	4.3
HsC	HOUDEK-SHINDLER CLAY LOAMS, 6 TO 9 PERCENT SLOPES	63	132	139	12	11	37		42	54	73	53		1.6	3.4
HsD	HOUDEK-SHINDLER CLAY LOAMS, 9 TO 15 PERCENT SLOPES	47	99	103	9	8	28		32	40	54	39		1.2	2.6
HtD	HOUDEK-TALMO COMPLEX, 9 TO 15 PERCENT SLOPES	35	74	77	7	6	21		24	30	41	29		0.9	1.9
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	89	187	196	17	16	52		60	76	103	74		2.3	4.8
HuB	HUNTIMER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	84	176	185	16	15	49		56	72	97	70		2.2	4.6
IhA	IHLEN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	71	149	156	13	12	42		48	61	82	59		1.8	3.9
IrB	IHLEN-ROCK OUTCROP COMPLEX, 0 TO 4 PERCENT SLOPES	51	107	112	10	9	30		34	44	59	43		1.3	2.8
IrE	IHLEN-ROCK OUTCROP COMPLEX, 4 TO 35 PERCENT SLOPES	31	65	68	6	5	18		21	27	36	26		0.8	1.7
Ja	JANUDE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	66	139	145	12	12	39		44	56	77	55		1.7	3.6
La	LAMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	71	149	156	13	12	42		48	61	82	59		1.8	3.9
Lb	LAMO SILTY CLAY LOAM, CHANNELED	37	78	81	7	6	22		25	32	43	31		1.0	2.0
MdB	MOODY SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	88	185	194	17	15	52		59	75	102	74		2.3	4.8
MgA	MOODY-GAYVILLE COMPLEX, 0 TO 3 PERCENT SLOPES	57	120	125	11	10	33		38	49	66	48		1.5	3.1
MnB	MOODY-NORA SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	87	183	191	16	15	51		58	74	101	73		2.3	4.7
MnC	MOODY-NORA SILTY CLAY LOAMS, 6 TO 9 PERCENT SLOPES	79	166	174	15	14	46		53	68	92	66		2.1	4.3
MtA	MOODY-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	95	200	209	18	17	56		64	81	110	79		2.5	5.2
M-W	MISCELLANEOUS WATER	1	2	2	0	0	1		1	1	1	1		0.0	0.1
NcC	NORA-CROFTON COMPLEX, 6 TO 9 PERCENT SLOPES	67	141	147	13	12	39		45	57	78	56		1.7	3.6
Ob	OBERT SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	29	61	64	5	5	17		19	25	34	24		0.8	1.6
Og	ORTHENTS, GRAVELLY	3	6	7	1	1	2		2	3	3	3		0.1	0.2
Or	ORTHENTS, LOAMY	7	15	15	1	1	4		5	6	8	6		0.2	0.4
Ow	ORTHENTS-AQUENTS COMPLEX, GRAVELLY	15	32	33	3	3	9		10	13	17	13		0.4	0.8
Pt	PITS, QUARRY	2	4	4	0	0	1		1	2	2	2		0.1	0.1
Sa	SALMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	35	74	77	7	6	21		24	30	41	29		0.9	1.9

Minnehaha County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
SdE	SHINDLER-HOUDEK CLAY LOAMS, 15 TO 40 PERCENT SLOPES	19	40	42	4	3	11		13	16	22	16		0.5	1.0
SnE	SHINDLER-TALMO COMPLEX, 15 TO 40 PERCENT SLOPES	15	32	33	3	3	9		10	13	17	13		0.4	0.8
SpA	SPLITROCK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	93	195	205	18	16	55		62	80	108	78		2.4	5.1
SpB	SPLITROCK SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	87	183	191	16	15	51		58	74	101	73		2.3	4.7
SsF	STEINAUER-SHINDLER CLAY LOAMS, 25 TO 60 PERCENT SLOPES	18	38	40	3	3	11		12	15	21	15		0.5	1.0
TdE	TALMO-DELMONT COMPLEX, 15 TO 40 PERCENT SLOPES	14	29	31	3	2	8		9	12	16	12		0.4	0.8
Te	TETONKA SILT LOAM, 0 TO 1 PERCENT SLOPES	59	124	130	11	10	35		40	51	68	49		1.5	3.2
TfC	THURMAN-FLANDREAU COMPLEX, 6 TO 9 PERCENT SLOPES	50	105	110	9	9	29		34	43	58	42		1.3	2.7
TgD	THURMAN-GROVENA COMPLEX, 9 TO 15 PERCENT SLOPES	45	95	99	9	8	26		30	39	52	38		1.2	2.4
Tr	TRENT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	97	204	213	18	17	57		65	83	112	81		2.5	5.3
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAKONDA-CHANCELLOR SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	83	174	183	16	15	49		56	71	96	69		2.2	4.5
WcA	WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCEN	88	185	194	17	15	52		59	75	102	74		2.3	4.8
WhA	WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	197	207	18	16	55		63	80	109	79		2.4	5.1
WhB	WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	89	187	196	17	16	52		60	76	103	74		2.3	4.8
Wk	WHITEWOOD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	84	176	185	16	15	49		56	72	97	70		2.2	4.6
Wo	WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	30	63	66	6	5	18		20	26	35	25		0.8	1.6
Wr	WORTHING-DAVISON COMPLEX, 0 TO 2 PERCENT SLOPES	57	120	125	11	10	33		38	49	66	48		1.5	3.1

Moody County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		160	162	15	14	43		52	64	85	62		2.0	4.0
	County Average Crop Soil Map Unit Productivity Index =	80.31													
Ac	ALCESTER SILTY CLAY LOAM	94	188	190	17	16	51		61	74	99	73		2.3	4.7
Ad	ALWILDA SANDY LOAM	39	78	79	7	7	21		25	31	41	30		0.9	1.9
Ar	ARLO LOAM	48	96	97	9	8	26		31	38	51	37		1.2	2.4
Ba	BALTIC SILTY CLAY LOAM	34	68	69	6	6	18		22	27	36	26		0.8	1.7
Bb	BALTIC SILTY CLAY LOAM, PONDED	9	18	18	2	2	5		6	7	10	7		0.2	0.4
BeA	BLENDON SANDY LOAM, 0 TO 3 PERCENT SLOPES	67	134	135	12	12	36		43	53	71	52		1.6	3.3
Bo	BON LOAM	83	166	168	15	14	45		54	66	88	64		2.0	4.1
Ca	CHANCELLOR SILTY CLAY LOAM	81	162	164	15	14	44		52	64	86	63		2.0	4.0
Ch	CHASKA LOAM, CHANNELED	35	70	71	6	6	19		23	28	37	27		0.9	1.7
Cm	CLAMO SILTY CLAY	62	124	125	11	11	33		40	49	66	48		1.5	3.1
DaA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	90	180	182	16	16	48		58	71	95	69		2.2	4.5
DaB	DAVIS LOAM, 2 TO 9 PERCENT SLOPES	85	170	172	15	15	46		55	67	90	66		2.1	4.2
Dc	DAVISON-CROSSPLAIN CLAY LOAMS	80	160	162	14	14	43		52	63	85	62		1.9	4.0
DeA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	40	80	81	7	7	22		26	32	42	31		1.0	2.0
DgD	DELMONT-TALMO COMPLEX, 6 TO 40 PERCENT SLOPES	11	22	22	2	2	6		7	9	12	8		0.3	0.5
DmA	DEMPSTER SILT LOAM, 0 TO 2 PERCENT SLOPES	65	130	131	12	11	35		42	51	69	50		1.6	3.2
DmB	DEMPSTER SILT LOAM, 2 TO 6 PERCENT SLOPES	56	112	113	10	10	30		36	44	59	43		1.4	2.8
DnB	DEMPSTER-TALMO COMPLEX, 2 TO 9 PERCENT SLOPES	52	104	105	9	9	28		34	41	55	40		1.3	2.6
Do	DIMO CLAY LOAM	72	144	146	13	12	39		47	57	76	56		1.8	3.6
DsB	DOLAND LOAM, 2 TO 6 PERCENT SLOPES	82	164	166	15	14	44		53	65	87	63		2.0	4.1
DvA	DOLAND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	89	178	180	16	15	48		58	70	94	69		2.2	4.4
EeB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	79	158	160	14	14	42		51	62	83	61		1.9	3.9
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	61	122	123	11	11	33		39	48	64	47		1.5	3.0
EoA	ENET-DIMO COMPLEX, 0 TO 2 PERCENT SLOPES	63	126	127	11	11	34		41	50	67	49		1.5	3.1
ErD	ETHAN-CLARNO LOAMS, 6 TO 25 PERCENT SLOPES	33	66	67	6	6	18		21	26	35	25		0.8	1.6
EsD	ETHAN-CLARNO LOAMS, 6 TO 25 PERCENT SLOPES, VERY BOULDERY	7	14	14	1	1	4		5	6	7	5		0.2	0.3
EtC	ETHAN-EGAN COMPLEX, 5 TO 9 PERCENT SLOPES	64	128	129	12	11	34		41	51	68	49		1.6	3.2
ExC	ETHAN-EGAN COMPLEX, 2 TO 9 PERCENT SLOPES, VERY STONY	12	24	24	2	2	6		8	9	13	9		0.3	0.6
FaA	FLANDREAU LOAM, 0 TO 2 PERCENT SLOPES	78	156	158	14	13	42		51	62	82	60		1.9	3.9
FaB	FLANDREAU LOAM, 2 TO 6 PERCENT SLOPES	71	142	143	13	12	38		46	56	75	55		1.7	3.5
FmB	FLANDREAU-MADDOCK COMPLEX, 2 TO 6 PERCENT SLOPES	60	120	121	11	10	32		39	47	63	46		1.5	3.0
Ga	GRACEVILLE SILTY CLAY LOAM	85	170	172	15	15	46		55	67	90	66		2.1	4.2
GrB	GROVENA LOAM, 2 TO 6 PERCENT SLOPES	84	168	170	15	14	45		54	66	89	65		2.0	4.2
GvA	GROVENA-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	90	180	182	16	16	48		58	71	95	69		2.2	4.5
HoA	HOUDEK CLAY LOAM, 0 TO 2 PERCENT SLOPES	87	174	176	16	15	47		56	69	92	67		2.1	4.3
HoB	HOUDEK CLAY LOAM, 2 TO 6 PERCENT SLOPES	82	164	166	15	14	44		53	65	87	63		2.0	4.1
HsC	HOUDEK-SHINDLER CLAY LOAMS, 5 TO 9 PERCENT SLOPES	63	126	127	11	11	34		41	50	67	49		1.5	3.1

Moody County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HsD	HOUDEK-SHINDLER CLAY LOAMS, 6 TO 25 PERCENT SLOPES	41	82	83	7	7	22		27	32	43	32		1.0	2.0
HtD	HOUDEK-TALMO COMPLEX, 6 TO 40 PERCENT SLOPES	31	62	63	6	5	17		20	25	33	24		0.8	1.5
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	89	178	180	16	15	48		58	70	94	69		2.2	4.4
KaB	KRANZBURG SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	87	174	176	16	15	47		56	69	92	67		2.1	4.3
KbA	KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	186	188	17	16	50		60	74	98	72		2.3	4.6
La	LAMO SILTY CLAY LOAM	67	134	135	12	12	36		43	53	71	52		1.6	3.3
Lb	LAMO SILTY CLAY LOAM, FREQUENTLY FLOODED	34	68	69	6	6	18		22	27	36	26		0.8	1.7
MfC	MADDOCK-FLANDREAU COMPLEX, 5 TO 9 PERCENT SLOPES	43	86	87	8	7	23		28	34	45	33		1.0	2.1
MnB	MOODY-NORA SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	87	174	176	16	15	47		56	69	92	67		2.1	4.3
MoB	MOODY SILTY CLAY LOAM, 2 TO 4 PERCENT SLOPES	88	176	178	16	15	47		57	70	93	68		2.1	4.4
MtA	MOODY-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	94	188	190	17	16	51		61	74	99	73		2.3	4.7
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
NcC	NORA-CROFTON COMPLEX, 5 TO 9 PERCENT SLOPES	70	140	141	13	12	38		45	55	74	54		1.7	3.5
NmC	NORA-MOODY SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES	76	152	154	14	13	41		49	60	80	59		1.8	3.8
Og	ORTHENTS, GRAVELLY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Or	ORTHENTS, LOAMY	1	2	2	0	0	1		1	1	1	1		0.0	0.0
Sa	SALMO SILTY CLAY LOAM	32	64	65	6	6	17		21	25	34	25		0.8	1.6
ShE	SHINDLER-HOUDEK CLAY LOAMS, 15 TO 40 PERCENT SLOPES	21	42	42	4	4	11		14	17	22	16		0.5	1.0
Tr	TRENT SILTY CLAY LOAM	98	196	198	18	17	53		63	77	104	76		2.4	4.9
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAKONDA-CHANCELLOR SILTY CLAY LOAMS	82	164	166	15	14	44		53	65	87	63		2.0	4.1
WcA	WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCEN	83	166	168	15	14	45		54	66	88	64		2.0	4.1
WeB	WENTWORTH-EGAN SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	86	172	174	16	15	46		56	68	91	66		2.1	4.3
WhA	WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	186	188	17	16	50		60	74	98	72		2.3	4.6
Wo	WORTHING SILTY CLAY LOAM	32	64	65	6	6	17		21	25	34	25		0.8	1.6

Pennington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		50	111	5	14	11	45	33	40	32	34	1,394	1.3	1.6
	County Average Crop Soil Map Unit Productivity Index =	60.94													
ApA	ARVADA VARIANT LOAM, 0 TO 2 PERCENT SLOPES	7	6	13	1	2	1	5	4	5	4	4	160	0.2	0.2
AsA	ARVADA-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	18	15	33	1	4	3	13	10	12	9	10	412	0.4	0.5
BdA	BARNUM VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	75	62	136	6	18	14	55	41	49	39	42	1,715	1.6	2.0
BeB	BARNUM-WINETTI COMPLEX, 0 TO 6 PERCENT SLOPES	26	21	47	2	6	5	19	14	17	14	14	595	0.6	0.7
BrA	BULLFLAT SILT LOAM, 0 TO 3 PERCENT SLOPES	80	66	145	7	19	14	59	44	52	42	45	1,830	1.7	2.1
BrB	BULLFLAT SILT LOAM, 3 TO 6 PERCENT SLOPES	76	62	138	6	18	14	56	42	50	40	42	1,738	1.7	2.0
BsB	BULLFLAT-CORDESTON SILT LOAMS, 2 TO 9 PERCENT SLOPES	75	62	136	6	18	14	55	41	49	39	42	1,715	1.6	2.0
BtE	BUSKA-MOCMONT-ROCK OUTCROP COMPLEX, 10 TO 40 PERCENT SLOPES	6	5	11	0	1	1	4	3	4	3	3	137	0.1	0.2
BuE	BUSKA-ROCK OUTCROP COMPLEX, 10 TO 40 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
BvC	BUSKA-VIRKULA LOAMS, 2 TO 15 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
BwE	BUTCHE-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
CcE	CANYON-BRIDGET COMPLEX, 9 TO 25 PERCENT SLOPES	18	15	33	1	4	3	13	10	12	9	10	412	0.4	0.5
CdF	CANYON-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	6	5	11	0	1	1	4	3	4	3	3	137	0.1	0.2
CkC	CITADEL-VANOCKER COMPLEX, 2 TO 12 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
CoA	COLOMBO LOAM, CHANNELED, 0 TO 4 PERCENT SLOPES	33	27	60	3	8	6	24	18	22	17	18	755	0.7	0.9
CpA	COLOMBO-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	66	54	120	5	15	12	48	36	43	35	37	1,509	1.4	1.8
CvB	CORDESTON LOAM, 2 TO 10 PERCENT SLOPES	59	48	107	5	14	11	43	32	38	31	33	1,349	1.3	1.6
CwB	CORDESTON-MARSHBROOK LOAMS, 0 TO 6 PERCENT SLOPES	53	44	96	4	12	10	39	29	35	28	29	1,212	1.2	1.4
CxC	CORDESTON-WINETTI COMPLEX, 2 TO 9 PERCENT SLOPES	53	44	96	4	12	10	39	29	35	28	29	1,212	1.2	1.4
DgB	DEMAR-GRUMMIT-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	23	19	42	2	5	4	17	13	15	12	13	526	0.5	0.6
GbA	GLENBERG FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	43	35	78	4	10	8	31	24	28	23	24	983	0.9	1.1
GrD	GRUMMIT-ROCK OUTCROP COMPLEX, 6 TO 15 PERCENT SLOPES	13	11	24	1	3	2	10	7	8	7	7	297	0.3	0.3
GrF	GRUMMIT-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
GuC	GURNEY-BUTCHE COMPLEX, 2 TO 9 PERCENT SLOPES	28	23	51	2	7	5	20	15	18	15	16	640	0.6	0.7
GvD	GYPNEVEE-REKOP-ROCK OUTCROP COMPLEX, 6 TO 15 PERCENT SLOPES	20	16	36	2	5	4	15	11	13	11	11	457	0.4	0.5
GyD	GYPNEVEE-ROCK OUTCROP-URBAN LAND COMPLEX, 9 TO 25 PERCENT SLO	12	10	22	1	3	2	9	7	8	6	7	274	0.3	0.3
HaA	HAVERSON LOAM, 0 TO 2 PERCENT SLOPES	77	63	140	6	18	14	56	42	50	41	43	1,761	1.7	2.1
HeE	HEELY CHANNERY LOAM, 9 TO 30 PERCENT SLOPES	11	9	20	1	3	2	8	6	7	6	6	252	0.2	0.3
HfC	HEELY-CORDESTON COMPLEX, 6 TO 15 PERCENT SLOPES	30	25	54	2	7	5	22	16	20	16	17	686	0.7	0.8
HgB	HILGER COBBLY LOAM, 0 TO 6 PERCENT SLOPES	22	18	40	2	5	4	16	12	14	12	12	503	0.5	0.6
HgD	HILGER COBBLY LOAM, 6 TO 40 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
HmE	HILGER-METRE COMPLEX, 10 TO 40 PERCENT SLOPES	11	9	20	1	3	2	8	6	7	6	6	252	0.2	0.3
HnB	HILGER-URBAN LAND COMPLEX, 0 TO 6 PERCENT SLOPES	20	16	36	2	5	4	15	11	13	11	11	457	0.4	0.5
HoD	HILGER-VIRKULA COMPLEX, 2 TO 30 PERCENT SLOPES	6	5	11	0	1	1	4	3	4	3	3	137	0.1	0.2
HtG	HOPDRAW-SAWDUST-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SLOP	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
JhD	JUDY-HEATH-PAUNSAUGUNT VARIANT COMPLEX, 2 TO 25 PERCENT SLOPE	26	21	47	2	6	5	19	14	17	14	14	595	0.6	0.7
MhA	MARSHBROOK LOAM, 0 TO 3 PERCENT SLOPES	29	24	53	2	7	5	21	16	19	15	16	663	0.6	0.8

Pennington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
MnC	METRE-NORREST COMPLEX, 2 TO 9 PERCENT SLOPES	41	34	74	3	10	7	30	23	27	22	23	938	0.9	1.1
MsC	MOCMONT GRAVELLY LOAM, 2 TO 12 PERCENT SLOPES	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
MtE	MOCMONT-ROCK OUTCROP COMPLEX, 10 TO 40 PERCENT SLOPES	4	3	7	0	1	1	3	2	3	2	2	91	0.1	0.1
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NaC	NEVEE CHANNERY LOAM, 6 TO 15 PERCENT SLOPES	30	25	54	2	7	5	22	16	20	16	17	686	0.7	0.8
NbC	NEVEE SILT LOAM, 2 TO 9 PERCENT SLOPES	41	34	74	3	10	7	30	23	27	22	23	938	0.9	1.1
NcE	NEVEE-GULLIED LAND COMPLEX, 6 TO 40 PERCENT SLOPES	4	3	7	0	1	1	3	2	3	2	2	91	0.1	0.1
NfE	NIHILL-ZIGWEID COMPLEX, 15 TO 50 PERCENT SLOPES	8	7	15	1	2	1	6	4	5	4	4	183	0.2	0.2
NnE	NORREST-FAIRBURN-METRE COMPLEX, 9 TO 40 PERCENT SLOPES	14	12	25	1	3	3	10	8	9	7	8	320	0.3	0.4
Or	ORTHENTS, LOAMY	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
PaE	PACTOLA-VIRKULA-ROCK OUTCROP COMPLEX, 10 TO 40 PERCENT SLOPES	4	3	7	0	1	1	3	2	3	2	2	91	0.1	0.1
PbD	PAUNSAUGUNT-GURNEY COMPLEX, 2 TO 15 PERCENT SLOPES	20	16	36	2	5	4	15	11	13	11	11	457	0.4	0.5
PcD	PAUNSAUGUNT-ROCK OUTCROP COMPLEX, 6 TO 30 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
PgC	PIERRE-GRUMMIT CLAYS, 2 TO 9 PERCENT SLOPES	29	24	53	2	7	5	21	16	19	15	16	663	0.6	0.8
Pt	PITS, QUARRIES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
ReC	REDBIRD-HEATH SILT LOAMS, 2 TO 9 PERCENT SLOPES	37	30	67	3	9	7	27	20	24	19	21	846	0.8	1.0
RfE	REKOP-GYPNEVEE-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	9	7	16	1	2	2	7	5	6	5	5	206	0.2	0.2
RgG	ROCK OUTCROP-BUSKA COMPLEX, 40 TO 80 PERCENT SLOPES	6	5	11	0	1	1	4	3	4	3	3	137	0.1	0.2
RhD	ROCK OUTCROP-BUTCHE COMPLEX, 2 TO 25 PERCENT SLOPES	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
RkG	ROCK OUTCROP-MOCMONT COMPLEX, 40 TO 80 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
RlG	ROCK OUTCROP-PACTOLA COMPLEX, 40 TO 80 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
RmG	ROCK OUTCROP-REKOP COMPLEX, 40 TO 80 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
RnG	ROCK OUTCROP-SAWDUST COMPLEX, 40 TO 80 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
RpC	ROCKOA-LAKOA COMPLEX, 3 TO 12 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
RrE	ROCKOA-LAKOA-ROCK OUTCROP COMPLEX, 10 TO 40 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
RsF	ROCKOA-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
RtD	ROCKOA-SATANTA COMPLEX, 6 TO 30 PERCENT SLOPES	23	19	42	2	5	4	17	13	15	12	13	526	0.5	0.6
SeB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	74	61	134	6	17	13	54	41	48	39	41	1,692	1.6	2.0
SfB	SATANTA-ARVADA COMPLEX, 2 TO 6 PERCENT SLOPES	49	40	89	4	11	9	36	27	32	26	27	1,121	1.1	1.3
ShD	SATANTA-CANYON LOAMS, 6 TO 15 PERCENT SLOPES	43	35	78	4	10	8	31	24	28	23	24	983	0.9	1.1
SpE	SAWDUST-HOPDRAW-PAUNSAUGUNT COMPLEX, 10 TO 40 PERCENT SLOPE	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
SrE	SAWDUST-VANOCKER-PAUNSAUGUNT COMPLEX, 10 TO 40 PERCENT SLOP	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
SwE	SHIRTTAIL CHANNERY LOAM, 10 TO 40 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
SxaE	SPEARFISH-NEVEE SILT LOAMS, 9 TO 30 PERCENT SLOPES	7	6	13	1	2	1	5	4	5	4	4	160	0.2	0.2
SxbF	SPEARFISH-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	2	2	4	0	0	0	1	1	1	1	1	46	0.0	0.1
SyaC	STOVHO SILT LOAM, 2 TO 15 PERCENT SLOPES	6	5	11	0	1	1	4	3	4	3	3	137	0.1	0.2
SybC	STOVHO-LAIL-TREBOR COMPLEX, 2 TO 12 PERCENT SLOPES	14	12	25	1	3	3	10	8	9	7	8	320	0.3	0.4
SycE	STOVHO-TREBOR COMPLEX, 10 TO 40 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
TfA	TILFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	89	73	161	7	21	16	65	49	58	47	50	2,035	1.9	2.4
TfB	TILFORD SILT LOAM, 2 TO 6 PERCENT SLOPES	79	65	143	6	19	14	58	43	52	42	44	1,807	1.7	2.1

Pennington County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
TfC	TILFORD SILT LOAM, 6 TO 15 PERCENT SLOPES	65	53	118	5	15	12	48	36	42	34	36	1,487	1.4	1.7
TpC	TILFORD-PAUNSAUGUNT COMPLEX, 6 TO 9 PERCENT SLOPES	40	33	73	3	9	7	29	22	26	21	22	915	0.9	1.1
TrB	TILFORD-URBAN LAND COMPLEX, 0 TO 9 PERCENT SLOPES	50	41	91	4	12	9	37	27	33	26	28	1,143	1.1	1.3
TuG	TREBOR-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SLOPES	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
VcE	VANOCKER-CITADEL COMPLEX, 10 TO 40 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
VkE	VANOCKER-LAKOA COMPLEX, 10 TO 40 PERCENT SLOPES	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
VnC	VANOCKER-PAUNSAUGUNT COMPLEX, 2 TO 15 PERCENT SLOPES	3	2	5	0	1	1	2	2	2	2	2	69	0.1	0.1
VoG	VANOCKER-SAWDUST-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SLOP	1	1	2	0	0	0	1	1	1	1	1	23	0.0	0.0
VpC	VIRKULA-PACTOLA COMPLEX, 2 TO 15 PERCENT SLOPES	5	4	9	0	1	1	4	3	3	3	3	114	0.1	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WtB	WINETTI COBBLY LOAM, 2 TO 10 PERCENT SLOPES	21	17	38	2	5	4	15	12	14	11	12	480	0.5	0.6
ZcC	ZIGWEID-CANYON COMPLEX, 2 TO 15 PERCENT SLOPES	37	30	67	3	9	7	27	20	24	19	21	846	0.8	1.0
ZnD	ZIGWEID-NIHILL COMPLEX, 6 TO 15 PERCENT SLOPES	24	20	44	2	6	4	18	13	16	13	13	549	0.5	0.6

Perkins County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		52	127	5	8	21	38	26	33	41	33	1,561	1.4	1.5
	County Average Crop Soil Map Unit Productivity Index =	59.22													
AaB	BULLOCK-PARCHIN LOAMS, 0 TO 9 PERCENT SLOPES	17	15	36	1	2	6	11	7	9	12	9	448	0.4	0.4
AbC	BULLOCK-SLICKSPOTS COMPLEX, 0 TO 15 PERCENT SLOPES	8	7	17	1	1	3	5	4	4	6	4	211	0.2	0.2
Ac	BULLOCK-TREMBLES-SLICKSPOTS COMPLEX, CHANNELED	17	15	36	1	2	6	11	7	9	12	9	448	0.4	0.4
AdD	AMOR-CABBA LOAMS, 6 TO 15 PERCENT SLOPES	44	39	94	4	6	16	28	19	25	30	24	1,159	1.0	1.1
Ar	ARNEGARD LOAM	95	83	203	8	13	34	61	42	53	65	52	2,503	2.3	2.3
Ba	BADLAND	2	2	4	0	0	1	1	1	1	1	1	53	0.0	0.0
Bb	BANKS LOAMY FINE SAND	26	23	56	2	3	9	17	11	14	18	14	685	0.6	0.6
BcA	BELFIELD-GRAIL SILT LOAMS, 0 TO 2 PERCENT SLOPES	80	70	171	7	11	29	52	35	45	55	44	2,108	1.9	2.0
BdB	BELFIELD-MARMARTH COMPLEX, 0 TO 6 PERCENT SLOPES	67	59	143	6	9	24	43	29	37	46	37	1,766	1.6	1.6
BeC	BELFIELD-MORTON COMPLEX, 2 TO 9 PERCENT SLOPES	64	56	137	6	9	23	41	28	36	44	35	1,686	1.5	1.6
BfA	BELFIELD-RHOADES COMPLEX, 0 TO 2 PERCENT SLOPES	60	53	128	5	8	22	39	26	33	41	33	1,581	1.4	1.5
BhE	BLACKHALL-CABBART COMPLEX, 15 TO 40 PERCENT SLOPES	10	9	21	1	1	4	6	4	6	7	6	264	0.2	0.2
CaE	CABBA-LANTRY LOAMS, 15 TO 40 PERCENT SLOPES	12	11	26	1	2	4	8	5	7	8	7	316	0.3	0.3
CbD	CABBA-TREMBLES COMPLEX, 2 TO 30 PERCENT SLOPES	14	12	30	1	2	5	9	6	8	10	8	369	0.3	0.3
CcD	CABBA AND WAYDEN STONY SOILS, 2 TO 25 PERCENT SLOPES	4	4	9	0	1	1	3	2	2	3	2	105	0.1	0.1
CdE	COHAGEN-VEBAR COMPLEX, 15 TO 40 PERCENT SLOPES	12	11	26	1	2	4	8	5	7	8	7	316	0.3	0.3
DaB	DAGLUM-FELOR LOAMS, 2 TO 6 PERCENT SLOPES	48	42	103	4	6	17	31	21	27	33	27	1,265	1.1	1.2
Db	DIMMICK AND HEIL SOILS	22	19	47	2	3	8	14	10	12	15	12	580	0.5	0.5
FaA	FARNUF LOAM, 0 TO 2 PERCENT SLOPES	84	74	180	7	11	30	54	37	47	58	46	2,213	2.0	2.1
FaB	FARNUF LOAM, 2 TO 6 PERCENT SLOPES	80	70	171	7	11	29	52	35	45	55	44	2,108	1.9	2.0
FbA	FARNUF-DAGLUM LOAMS, 0 TO 2 PERCENT SLOPES	70	61	150	6	9	25	45	31	39	48	39	1,845	1.7	1.7
FcB	FELOR-YEGEN LOAMS, 2 TO 6 PERCENT SLOPES	79	69	169	7	11	28	51	35	44	54	44	2,082	1.9	1.9
FcC	FELOR-YEGEN LOAMS, 6 TO 9 PERCENT SLOPES	60	53	128	5	8	22	39	26	33	41	33	1,581	1.4	1.5
Fd	FLUVAQUENTS, SALINE	4	4	9	0	1	1	3	2	2	3	2	105	0.1	0.1
Ga	GRAIL SILT LOAM	93	82	199	8	12	33	60	41	52	64	51	2,451	2.2	2.3
Gp	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
LaA	LAWTHER SILTY CLAY, 0 TO 2 PERCENT SLOPES	83	73	178	7	11	30	53	37	46	57	46	2,187	2.0	2.0
LaB	LAWTHER SILTY CLAY, 2 TO 6 PERCENT SLOPES	74	65	158	6	10	27	48	33	41	51	41	1,950	1.8	1.8
LaC	LAWTHER SILTY CLAY, 6 TO 9 PERCENT SLOPES	62	54	133	5	8	22	40	27	35	43	34	1,634	1.5	1.5
LbB	LEFOR FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	45	40	96	4	6	16	29	20	25	31	25	1,186	1.1	1.1
MaB	MANNING FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	46	40	98	4	6	17	30	20	26	32	25	1,212	1.1	1.1
MbB	MARMARTH LOAM, 2 TO 6 PERCENT SLOPES	72	63	154	6	10	26	46	32	40	50	40	1,897	1.7	1.8
McA	MORTON LOAM, 0 TO 2 PERCENT SLOPES	89	78	190	8	12	32	57	39	50	61	49	2,345	2.1	2.2
McB	MORTON LOAM, 2 TO 6 PERCENT SLOPES	84	74	180	7	11	30	54	37	47	58	46	2,213	2.0	2.1
McC	MORTON LOAM, 6 TO 9 PERCENT SLOPES	70	61	150	6	9	25	45	31	39	48	39	1,845	1.7	1.7
MdC	MORTON-LANTRY LOAMS, 2 TO 9 PERCENT SLOPES	72	63	154	6	10	26	46	32	40	50	40	1,897	1.7	1.8
MdD	MORTON-LANTRY LOAMS, 6 TO 15 PERCENT SLOPES	52	46	111	4	7	19	33	23	29	36	29	1,370	1.2	1.3

Perkins County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
MeD	MORTON-RHOADES LOAMS, 6 TO 15 PERCENT SLOPES	55	48	118	5	7	20	35	24	31	38	30	1,449	1.3	1.4
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Om	ORTHENTS, LOAMY	1	1	2	0	0	0	1	0	1	1	1	26	0.0	0.0
Pa	PARSHALL FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	59	52	126	5	8	21	38	26	33	41	33	1,555	1.4	1.5
Pb	ORTHENTS, HUMMOCKY-HANLY COMPLEX, 0 TO 15 PERCENT SLOPES	15	13	32	1	2	5	10	7	8	10	8	395	0.4	0.4
RaA	REEDER LOAM, 0 TO 2 PERCENT SLOPES	85	75	182	7	11	31	55	37	47	59	47	2,240	2.0	2.1
RaC	REEDER LOAM, 6 TO 9 PERCENT SLOPES	59	52	126	5	8	21	38	26	33	41	33	1,555	1.4	1.5
RbB	REEDER-AMOR LOAMS, 2 TO 6 PERCENT SLOPES	79	69	169	7	11	28	51	35	44	54	44	2,082	1.9	1.9
RcC	REEDER-LANTRY LOAMS, 2 TO 9 PERCENT SLOPES	66	58	141	6	9	24	43	29	37	45	36	1,739	1.6	1.6
RdB	REEDER-RHOADES LOAMS, 2 TO 6 PERCENT SLOPES	57	50	122	5	8	20	37	25	32	39	31	1,502	1.4	1.4
ReB	REGENT-DAGLUM COMPLEX, 2 TO 6 PERCENT SLOPES	53	47	113	5	7	19	34	23	30	37	29	1,397	1.3	1.3
RfB	REGENT-SAVAGE SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	68	60	145	6	9	24	44	30	38	47	38	1,792	1.6	1.7
RhD	REGENT-WAYDEN SILTY CLAY LOAMS, 6 TO 15 PERCENT SLOPES	39	34	83	3	5	14	25	17	22	27	22	1,028	0.9	1.0
RkD	RHOADES-CABBA LOAMS, 2 TO 25 PERCENT SLOPES	12	11	26	1	2	4	8	5	7	8	7	316	0.3	0.3
RmC	RHOADES-DAGLUM-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	20	18	43	2	3	7	13	9	11	14	11	527	0.5	0.5
RnD	RHOADES-ROCK OUTCROP COMPLEX, 6 TO 20 PERCENT SLOPES	6	5	13	1	1	2	4	3	3	4	3	158	0.1	0.1
RoE	ROCK OUTCROP-CABBA COMPLEX, 9 TO 40 PERCENT SLOPES	5	4	11	0	1	2	3	2	3	3	3	132	0.1	0.1
SaA	SAVAGE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	86	76	184	7	12	31	55	38	48	59	47	2,266	2.1	2.1
SbA	SAVAGE-DAGLUM COMPLEX, 0 TO 2 PERCENT SLOPES	72	63	154	6	10	26	46	32	40	50	40	1,897	1.7	1.8
Sc	SHAMBO LOAM	85	75	182	7	11	31	55	37	47	59	47	2,240	2.0	2.1
Sd	SHAMBO LOAM, CHANNELED	32	28	68	3	4	11	21	14	18	22	18	843	0.8	0.8
SeA	STADY LOAM, 0 TO 2 PERCENT SLOPES	56	49	120	5	7	20	36	25	31	39	31	1,476	1.3	1.4
Sh	LOHLER-TREMBLES COMPLEX	65	57	139	6	9	23	42	29	36	45	36	1,713	1.6	1.6
Ta	TREMBLES FINE SANDY LOAM	41	36	88	4	5	15	26	18	23	28	23	1,080	1.0	1.0
Tb	TREMBLES SOILS, CHANNELED	30	26	64	3	4	11	19	13	17	21	17	791	0.7	0.7
TcD	TWILIGHT-MARMARTH-PARCHIN ASSOCIATION, GENTLY ROLLING	30	26	64	3	4	11	19	13	17	21	17	791	0.7	0.7
VaC	VEBAR-COHAGEN COMPLEX, 2 TO 9 PERCENT SLOPES	41	36	88	4	5	15	26	18	23	28	23	1,080	1.0	1.0
VaD	VEBAR-COHAGEN COMPLEX, 6 TO 25 PERCENT SLOPES	22	19	47	2	3	8	14	10	12	15	12	580	0.5	0.5
VbB	VEBAR-TALLY FINE SANDY LOAMS, 0 TO 6 PERCENT SLOPES	53	47	113	5	7	19	34	23	30	37	29	1,397	1.3	1.3
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaD	WABEK SANDY LOAM, 9 TO 35 PERCENT SLOPES	5	4	11	0	1	2	3	2	3	3	3	132	0.1	0.1
WbA	WABEK VERY GRAVELLY LOAMY SAND, 0 TO 2 PERCENT SLOPES	23	20	49	2	3	8	15	10	13	16	13	606	0.5	0.6
WcA	WATROUS LOAM, SHALLOW, 0 TO 3 PERCENT SLOPES	36	32	77	3	5	13	23	16	20	25	20	949	0.9	0.9
YaB	YEGEN LOAM, 2 TO 6 PERCENT SLOPES	77	68	165	7	10	28	50	34	43	53	43	2,029	1.8	1.9
YaC	YEGEN SANDY LOAM, 6 TO 9 PERCENT SLOPES	61	54	131	5	8	22	39	27	34	42	34	1,607	1.5	1.5
Za	ZEONA LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	29	25	62	2	4	10	19	13	16	20	16	764	0.7	0.7

Potter County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		109	170	9	17	32	52	46	52	86	47	1,890	1.6	1.8
	County Average Crop Soil Map Unit Productivity Index =	78.85													
AgA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	88	122	190	10	19	36	58	52	57	96	52	2,109	1.8	2.0
AgB	AGAR SILT LOAM, 2 TO 6 PERCENT SLOPES	83	115	179	10	18	34	55	49	54	90	49	1,989	1.7	1.9
AmA	AGAR-MOBRIDGE SILT LOAMS, 0 TO 3 PERCENT SLOPES	90	125	194	11	20	36	59	53	59	98	53	2,157	1.9	2.1
AoA	AGAR-MOBRIDGE-TETONKA SILT LOAMS, 0 TO 3 PERCENT SLOPES	86	119	186	10	19	35	57	51	56	94	51	2,061	1.8	2.0
BgE	BETTS-GETTYS COMPLEX, STONY, 15 TO 60 PERCENT SLOPES	4	6	9	0	1	2	3	2	3	4	2	96	0.1	0.1
BkE	BETTS-JAVA LOAMS, 9 TO 25 PERCENT SLOPES	23	32	50	3	5	9	15	14	15	25	14	551	0.5	0.5
Bo	BON LOAM	82	114	177	10	18	33	54	48	54	89	48	1,966	1.7	1.9
Bv	BON LOAM, CHANNELED	33	46	71	4	7	13	22	19	22	36	19	791	0.7	0.8
CaA	CAVO LOAM, 0 TO 2 PERCENT SLOPES	39	54	84	5	9	16	26	23	25	42	23	935	0.8	0.9
Da	DAVISON LOAM	74	103	160	9	16	30	49	44	48	80	44	1,774	1.5	1.7
De	DEGREY SILT LOAM	44	61	95	5	10	18	29	26	29	48	26	1,055	0.9	1.0
DmA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	37	51	80	4	8	15	24	22	24	40	22	887	0.8	0.8
DsD	DELMONT-SCHAMBER COMPLEX, 6 TO 15 PERCENT SLOPES	24	33	52	3	5	10	16	14	16	26	14	575	0.5	0.5
Du	DURRSTEIN SILT LOAM	8	11	17	1	2	3	5	5	5	9	5	192	0.2	0.2
EaA	EAKIN SILT LOAM, 0 TO 2 PERCENT SLOPES	87	121	188	10	19	35	57	51	57	95	51	2,085	1.8	2.0
EpB	EAKIN-PENO COMPLEX, 2 TO 6 PERCENT SLOPES	73	101	158	9	16	29	48	43	48	79	43	1,750	1.5	1.7
EpC	EAKIN-PENO COMPLEX, 6 TO 9 PERCENT SLOPES	55	76	119	6	12	22	36	32	36	60	32	1,318	1.1	1.3
GeF	GETTYS CLAY LOAM, 25 TO 40 PERCENT SLOPES	7	10	15	1	2	3	5	4	5	8	4	168	0.1	0.2
GlA	GLENHAM LOAM, 0 TO 2 PERCENT SLOPES	85	118	183	10	19	34	56	50	56	92	50	2,037	1.8	1.9
GpB	GLENHAM-PLANKINTON COMPLEX, 0 TO 4 PERCENT SLOPES	73	101	158	9	16	29	48	43	48	79	43	1,750	1.5	1.7
GrA	GLENHAM-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	87	121	188	10	19	35	57	51	57	95	51	2,085	1.8	2.0
GrB	GLENHAM-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	82	114	177	10	18	33	54	48	54	89	48	1,966	1.7	1.9
HbA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	93	129	201	11	20	38	61	55	61	101	55	2,229	1.9	2.1
HbB	HIGHMORE SILT LOAM, 2 TO 6 PERCENT SLOPES	85	118	183	10	19	34	56	50	56	92	50	2,037	1.8	1.9
HbC	HIGHMORE SILT LOAM, 6 TO 9 PERCENT SLOPES	76	105	164	9	17	31	50	45	50	83	45	1,822	1.6	1.7
HdA	HIGHMORE-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	70	97	151	8	15	28	46	41	46	76	41	1,678	1.4	1.6
HfA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 3 PERCENT SLOPES	90	125	194	11	20	36	59	53	59	98	53	2,157	1.9	2.1
HgB	HIGHMORE-PENO COMPLEX, STONY, 2 TO 6 PERCENT SLOPES	58	80	125	7	13	23	38	34	38	63	34	1,390	1.2	1.3
HgC	HIGHMORE-PENO COMPLEX, STONY, 6 TO 9 PERCENT SLOPES	46	64	99	5	10	19	30	27	30	50	27	1,103	0.9	1.1
Ho	HOVEN SILT LOAM	17	24	37	2	4	7	11	10	11	18	10	407	0.4	0.4
Hu	HURLEY SILT LOAM	13	18	28	2	3	5	9	8	8	14	8	312	0.3	0.3
Hz	HURLEY-SLICKSPOTS COMPLEX	14	19	30	2	3	6	9	8	9	15	8	336	0.3	0.3
JbC	JAVA-BETTS LOAMS, 6 TO 9 PERCENT SLOPES	49	68	106	6	11	20	32	29	32	53	29	1,175	1.0	1.1
JgB	JAVA-GLENHAM LOAMS, 2 TO 6 PERCENT SLOPES	69	96	149	8	15	28	46	41	45	75	41	1,654	1.4	1.6
JmE	JAVA-SCHAMBER COMPLEX, 9 TO 25 PERCENT SLOPES	15	21	32	2	3	6	10	9	10	16	9	360	0.3	0.3
Jr	JERAULD SILT LOAM	16	22	35	2	4	6	11	9	10	17	9	384	0.3	0.4
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	91	126	196	11	20	37	60	54	59	99	54	2,181	1.9	2.1

Potter County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	85	118	183	10	19	34	56	50	56	92	50	2,037	1.8	1.9
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	76	105	164	9	17	31	50	45	50	83	45	1,822	1.6	1.7
LpC	LOWRY-PENO COMPLEX, 6 TO 9 PERCENT SLOPES	56	78	121	7	12	23	37	33	37	61	33	1,342	1.2	1.3
LpD	LOWRY-PENO COMPLEX, 9 TO 15 PERCENT SLOPES	43	60	93	5	9	17	28	25	28	47	25	1,031	0.9	1.0
Mo	MOBRIDGE SILT LOAM	95	132	205	11	21	38	63	56	62	103	56	2,277	2.0	2.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaA	OAHE LOAM, 0 TO 2 PERCENT SLOPES	54	75	117	6	12	22	36	32	35	59	32	1,294	1.1	1.2
OaB	OAHE LOAM, 2 TO 6 PERCENT SLOPES	48	67	104	6	11	19	32	28	31	52	28	1,151	1.0	1.1
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	44	61	95	5	10	18	29	26	29	48	26	1,055	0.9	1.0
OkF	OKATON SILTY CLAY, 15 TO 40 PERCENT SLOPES	4	6	9	0	1	2	3	2	3	4	2	96	0.1	0.1
OpB	OPAL CLAY, 2 TO 6 PERCENT SLOPES	54	75	117	6	12	22	36	32	35	59	32	1,294	1.1	1.2
OpC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	46	64	99	5	10	19	30	27	30	50	27	1,103	0.9	1.1
OsD	OPAL-SANSARC CLAYS, 9 TO 25 PERCENT SLOPES	9	12	19	1	2	4	6	5	6	10	5	216	0.2	0.2
Pa	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Pk	PLANKINTON SILT LOAM	51	71	110	6	11	21	34	30	33	55	30	1,222	1.1	1.2
PrA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	68	94	147	8	15	27	45	40	44	74	40	1,630	1.4	1.6
PrB	PROMISE CLAY, 2 TO 6 PERCENT SLOPES	64	89	138	8	14	26	42	38	42	70	38	1,534	1.3	1.5
RaA	RABER LOAM, 0 TO 2 PERCENT SLOPES	76	105	164	9	17	31	50	45	50	83	45	1,822	1.6	1.7
RaB	RABER LOAM, 2 TO 6 PERCENT SLOPES	68	94	147	8	15	27	45	40	44	74	40	1,630	1.4	1.6
RcA	RABER-CAVO LOAMS, 0 TO 2 PERCENT SLOPES	61	85	132	7	13	25	40	36	40	66	36	1,462	1.3	1.4
RcB	RABER-CAVO LOAMS, 2 TO 6 PERCENT SLOPES	55	76	119	6	12	22	36	32	36	60	32	1,318	1.1	1.3
RgD	RABER-GETTYS COMPLEX, 9 TO 25 PERCENT SLOPES	26	36	56	3	6	10	17	15	17	28	15	623	0.5	0.6
RhC	RABER-PENO LOAMS, 6 TO 9 PERCENT SLOPES	49	68	106	6	11	20	32	29	32	53	29	1,175	1.0	1.1
Rn	RANSLO SILT LOAM	25	35	54	3	5	10	16	15	16	27	15	599	0.5	0.6
Rr	RANSLO-DURRSTEIN SILT LOAMS	21	29	45	2	5	8	14	12	14	23	12	503	0.4	0.5
RsA	REE LOAM, 0 TO 2 PERCENT SLOPES	88	122	190	10	19	36	58	52	57	96	52	2,109	1.8	2.0
Rt	REGAN SILT LOAM	29	40	63	3	6	12	19	17	19	32	17	695	0.6	0.7
SaF	SANSARC CLAY, 15 TO 40 PERCENT SLOPES	7	10	15	1	2	3	5	4	5	8	4	168	0.1	0.2
ScF	SCHAMBER GRAVELLY LOAM, 15 TO 60 PERCENT SLOPES	5	7	11	1	1	2	3	3	3	5	3	120	0.1	0.1
Te	TETONKA SILT LOAM	52	72	112	6	11	21	34	31	34	57	31	1,246	1.1	1.2
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WALKE SILT LOAM	78	108	168	9	17	31	51	46	51	85	46	1,870	1.6	1.8
Wf	WENDTE SILTY CLAY LOAM, CHANNELED	27	37	58	3	6	11	18	16	18	29	16	647	0.6	0.6
Wo	WORTHING SILTY CLAY LOAM	29	40	63	3	6	12	19	17	19	32	17	695	0.6	0.7
Wp	WORTHING SILTY CLAY LOAM, PONDED	6	8	13	1	1	2	4	4	4	7	4	144	0.1	0.1

Roberts County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		142	160	13	13	35		51	63	78	62		1.4	2.8
	County Average Crop Soil Map Unit Productivity Index =	70.82													
AaA	AASTAD LOAM, 0 TO 2 PERCENT SLOPES	92	185	208	17	17	45		66	81	101	81		1.8	3.6
Ac	ANTLER-COLVIN SILT LOAMS	65	131	147	12	12	32		47	57	71	57		1.3	2.6
At	ANTLER-TONKA SILT LOAMS	62	125	140	11	11	31		44	55	68	54		1.2	2.4
AvA	ANTLER AND HAMERLY SOILS, 0 TO 2 PERCENT SLOPES	74	149	168	14	14	37		53	65	81	65		1.5	2.9
BbE	BARNES-BUSE STONY COMPLEX, 9 TO 40 PERCENT SLOPES	23	46	52	4	4	11		16	20	25	20		0.5	0.9
Be	BEARDEN SILTY CLAY LOAM	78	157	177	14	14	39		56	69	85	68		1.6	3.1
Bo	BORUP SILT LOAM	57	114	129	11	11	28		41	50	62	50		1.1	2.2
BpF	BUSE-FORMAN LOAMS, 20 TO 40 PERCENT SLOPES	20	40	45	4	4	10		14	18	22	18		0.4	0.8
Co	COLVIN SILT LOAM, SALINE	31	62	70	6	6	15		22	27	34	27		0.6	1.2
DcA	DICKEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	59	119	134	11	11	29		42	52	65	52		1.2	2.3
DcB	DICKEY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	57	114	129	11	11	28		41	50	62	50		1.1	2.2
Dm	DIVIDE-MARYSLAND LOAMS	52	104	118	10	10	26		37	46	57	46		1.0	2.0
Do	DORAN LOAM	84	169	190	15	16	42		60	74	92	74		1.7	3.3
Dv	CASTLEWOOD CLAY	62	125	140	11	11	31		44	55	68	54		1.2	2.4
EcA	ECKMAN LOAM, 0 TO 2 PERCENT SLOPES	90	181	204	17	17	44		64	79	99	79		1.8	3.5
EcB	ECKMAN LOAM, 2 TO 6 PERCENT SLOPES	83	167	188	15	15	41		59	73	91	73		1.7	3.3
EeC	ECKMAN-ZELL COMPLEX, 6 TO 9 PERCENT SLOPES	67	135	152	12	12	33		48	59	73	59		1.3	2.6
Eh	EMBDEN-HAMAR FINE SANDY LOAMS	67	135	152	12	12	33		48	59	73	59		1.3	2.6
FdA	FORDVILLE LOAM, 0 TO 3 PERCENT SLOPES	59	119	134	11	11	29		42	52	65	52		1.2	2.3
FeB	FORDVILLE-RENSHAW LOAMS, 3 TO 6 PERCENT SLOPES	49	98	111	9	9	24		35	43	54	43		1.0	1.9
FoA	FORMAN-AASTAD LOAMS, 0 TO 2 PERCENT SLOPES	87	175	197	16	16	43		62	77	95	76		1.7	3.4
FoB	FORMAN-AASTAD LOAMS, 2 TO 6 PERCENT SLOPES	82	165	186	15	15	41		59	72	90	72		1.6	3.2
FoC	FORMAN-AASTAD LOAMS, 6 TO 9 PERCENT SLOPES	69	139	156	13	13	34		49	61	76	61		1.4	2.7
FoD	FORMAN-AASTAD LOAMS, 9 TO 15 PERCENT SLOPES	56	112	127	10	10	28		40	49	61	49		1.1	2.2
FsB	FORMAN-AASTAD STONY COMPLEX, 0 TO 9 PERCENT SLOPES	25	50	57	5	5	12		18	22	27	22		0.5	1.0
FuC	FORMAN-BUSE LOAMS, 6 TO 9 PERCENT SLOPES, ERODED	63	127	143	12	12	31		45	56	69	55		1.3	2.5
FuD	FORMAN-BUSE LOAMS, 9 TO 15 PERCENT SLOPES, ERODED	49	98	111	9	9	24		35	43	54	43		1.0	1.9
FuE	FORMAN-BUSE LOAMS, 15 TO 25 PERCENT SLOPES	29	58	66	5	5	14		21	26	32	25		0.6	1.1
FvE	FORMAN-BUSE STONY COMPLEX, 9 TO 40 PERCENT SLOPES	26	52	59	5	5	13		19	23	28	23		0.5	1.0
Ga	GARDENA SILT LOAM	93	187	211	17	17	46		67	82	102	82		1.9	3.7
Gp	ORTHENTS, GRAVELLY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
GyA	GLYNDON SILT LOAM, 0 TO 3 PERCENT SLOPES	76	153	172	14	14	38		54	67	83	67		1.5	3.0
Ha	HAMAR FINE SANDY LOAM	69	139	156	13	13	34		49	61	76	61		1.4	2.7
HbA	HAMERLY-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	69	139	156	13	13	34		49	61	76	61		1.4	2.7
HcA	HAMERLY-VALLERS LOAMS, 0 TO 2 PERCENT SLOPES	71	143	161	13	13	35		51	63	78	62		1.4	2.8
HcB	HAMERLY-VALLERS LOAMS, 2 TO 4 PERCENT SLOPES	64	129	145	12	12	32		46	56	70	56		1.3	2.5
HdD	HATTIE CLAY LOAM, 9 TO 15 PERCENT SLOPES	48	96	109	9	9	24		34	42	53	42		1.0	1.9

Roberts County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
HdE	HATTIE CLAY LOAM, 15 TO 40 PERCENT SLOPES	27	54	61	5	5	13		19	24	30	24		0.5	1.1
HkD	HATTIE AND KLOTEN SOILS, 9 TO 25 PERCENT SLOPES	34	68	77	6	6	17		24	30	37	30		0.7	1.3
HmA	HECLA-HAMAR LOAMY FINE SANDS, 0 TO 3 PERCENT SLOPES	69	139	156	13	13	34		49	61	76	61		1.4	2.7
HsB	HEIMDAL-SISSETON LOAMS, 2 TO 6 PERCENT SLOPES	76	153	172	14	14	38		54	67	83	67		1.5	3.0
HsC	HEIMDAL-SISSETON LOAMS, 6 TO 9 PERCENT SLOPES	62	125	140	11	11	31		44	55	68	54		1.2	2.4
HvA	HEIMDAL-SVEA LOAMS, 0 TO 2 PERCENT SLOPES	87	175	197	16	16	43		62	77	95	76		1.7	3.4
HvB	HEIMDAL-SVEA LOAMS, 2 TO 6 PERCENT SLOPES	83	167	188	15	15	41		59	73	91	73		1.7	3.3
La	LADELLE SILT LOAM	88	177	199	16	16	44		63	78	96	77		1.8	3.5
Lm	LAMOURE SILTY CLAY LOAM	69	139	156	13	13	34		49	61	76	61		1.4	2.7
Lp	LA PRAIRIE LOAM	86	173	195	16	16	43		62	76	94	75		1.7	3.4
Lt	LAMOURE SILTY CLAY LOAM, CHANNELED	35	70	79	6	6	17		25	31	38	31		0.7	1.4
Lu	LUDDEN CLAY	57	114	129	11	11	28		41	50	62	50		1.1	2.2
MaB	MADDOCK LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	33	66	75	6	6	16		24	29	36	29		0.7	1.3
MaD	MADDOCK LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	11	22	25	2	2	5		8	10	12	10		0.2	0.4
Mr	SOUTHAM SILTY CLAY LOAM	10	20	23	2	2	5		7	9	11	9		0.2	0.4
Mw	MARYSLAND SILT LOAM, WET	48	96	109	9	9	24		34	42	53	42		1.0	1.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Or	ORTHENTS, LOAMY	1	2	2	0	0	0		1	1	1	1		0.0	0.0
Pa	PARNELL SILTY CLAY LOAM	31	62	70	6	6	15		22	27	34	27		0.6	1.2
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	71	143	161	13	13	35		51	63	78	62		1.4	2.8
PeB	PEEVER CLAY LOAM, 2 TO 6 PERCENT SLOPES	66	133	149	12	12	33		47	58	72	58		1.3	2.6
PeC	PEEVER CLAY LOAM, 6 TO 9 PERCENT SLOPES	56	112	127	10	10	28		40	49	61	49		1.1	2.2
PhA	PEEVER-CAVOUR COMPLEX, 0 TO 3 PERCENT SLOPES	65	131	147	12	12	32		47	57	71	57		1.3	2.6
Pk	PEEVER-TONKA COMPLEX	70	141	158	13	13	35		50	62	77	61		1.4	2.8
Pm	PLAYMOOR SILTY CLAY LOAM	35	70	79	6	6	17		25	31	38	31		0.7	1.4
PoA	POINSETT SILT LOAM, 0 TO 2 PERCENT SLOPES	86	173	195	16	16	43		62	76	94	75		1.7	3.4
PoB	POINSETT SILT LOAM, 2 TO 6 PERCENT SLOPES	86	173	195	16	16	43		62	76	94	75		1.7	3.4
Ra	RAUVILLE MUCKY SILT LOAM	27	54	61	5	5	13		19	24	30	24		0.5	1.1
ReA	RENSHAW LOAM, 0 TO 3 PERCENT SLOPES	42	84	95	8	8	21		30	37	46	37		0.8	1.7
ReB	RENSHAW LOAM, 3 TO 9 PERCENT SLOPES	39	78	88	7	7	19		28	34	43	34		0.8	1.5
RhB	RENSHAW-SIOUX LOAMS, 3 TO 9 PERCENT SLOPES	37	74	84	7	7	18		26	33	41	32		0.7	1.5
RhD	RENSHAW-SIOUX LOAMS, 9 TO 21 PERCENT SLOPES	20	40	45	4	4	10		14	18	22	18		0.4	0.8
RsE	RENSHAW-SIOUX STONY LOAMS, 9 TO 40 PERCENT SLOPES	5	10	11	1	1	2		4	4	5	4		0.1	0.2
RtA	RENTILL LOAM, 0 TO 2 PERCENT SLOPES	47	94	106	9	9	23		34	41	51	41		0.9	1.9
RtB	RENTILL LOAM, 2 TO 6 PERCENT SLOPES	43	86	97	8	8	21		31	38	47	38		0.9	1.7
Sb	MINNEWAUKAN LOAMY SAND	38	76	86	7	7	19		27	34	42	33		0.8	1.5
ScF	SIECHE LOAM, 15 TO 40 PERCENT SLOPES	16	32	36	3	3	8		11	14	18	14		0.3	0.6
SnA	SINAI SILTY CLAY, 0 TO 2 PERCENT SLOPES	81	163	183	15	15	40		58	71	89	71		1.6	3.2
SnB	SINAI SILTY CLAY, 2 TO 6 PERCENT SLOPES	73	147	165	13	14	36		52	64	80	64		1.5	2.9
SsF	SISSETON LOAM, 25 TO 40 PERCENT SLOPES	13	26	29	2	2	6		9	11	14	11		0.3	0.5

Roberts County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
StD	SISSETON-HEIMDAL LOAMS, 9 TO 25 PERCENT SLOPES	35	70	79	6	6	17		25	31	38	31		0.7	1.4
SvC	SVEA LOAM, 5 TO 9 PERCENT SLOPES	86	173	195	16	16	43		62	76	94	75		1.7	3.4
SwA	SVERDRUP SANDY LOAM, 0 TO 3 PERCENT SLOPES	56	112	127	10	10	28		40	49	61	49		1.1	2.2
SwB	SVERDRUP SANDY LOAM, 3 TO 9 PERCENT SLOPES	53	106	120	10	10	26		38	47	58	46		1.1	2.1
Tk	TONKA SILT LOAM	60	121	136	11	11	30		43	53	66	53		1.2	2.4
To	TOWNER FINE SANDY LOAM	60	121	136	11	11	30		43	53	66	53		1.2	2.4
Un	ULEN SANDY LOAM	74	149	168	14	14	37		53	65	81	65		1.5	2.9
VhA	VALLERS-HAMERLY LOAMS, 0 TO 2 PERCENT SLOPES	57	114	129	11	11	28		41	50	62	50		1.1	2.2
VnA	VIENNA SILT LOAM, 0 TO 2 PERCENT SLOPES	88	177	199	16	16	44		63	78	96	77		1.8	3.5
VnB	VIENNA SILT LOAM, 2 TO 6 PERCENT SLOPES	83	167	188	15	15	41		59	73	91	73		1.7	3.3
VnC	VIENNA SILT LOAM, 6 TO 9 PERCENT SLOPES	68	137	154	13	13	34		49	60	74	60		1.4	2.7
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WAUBAY SILTY CLAY LOAM	99	199	224	18	18	49		71	87	108	87		2.0	3.9
ZeD	ZELL-ECKMAN COMPLEX, 9 TO 25 PERCENT SLOPES	47	94	106	9	9	23		34	41	51	41		0.9	1.9

Sanborn County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		116	151	9	12	36		50	55	83	62		1.9	3.1
	County Average Crop Soil Map Unit Productivity Index =	67.37													
AaA	ALWILDA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	36	62	81	5	7	19		27	30	44	33		1.0	1.7
AaB	ALWILDA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	31	53	69	4	6	16		23	25	38	29		0.9	1.4
Ab	ARTESIAN-FARMSWORTH COMPLEX	60	103	134	8	11	32		44	49	74	55		1.7	2.8
BaE	BETTS LOAM, 15 TO 40 PERCENT SLOPES	8	14	18	1	1	4		6	7	10	7		0.2	0.4
BbD	BETTS-ETHAN LOAMS, 9 TO 15 PERCENT SLOPES	29	50	65	4	5	15		21	24	36	27		0.8	1.3
BcA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	65	112	146	9	12	34		48	53	80	60		1.9	3.0
BcB	BLENDON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	61	105	137	9	11	32		45	50	75	56		1.7	2.8
Bd	BON LOAM, CHANNELED	30	52	67	4	6	16		22	25	37	28		0.9	1.4
CaA	CARTHAGE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	69	119	154	10	13	37		51	57	85	64		2.0	3.2
CaB	CARTHAGE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	64	110	143	9	12	34		47	52	79	59		1.8	3.0
CbA	CARTHAGE-CLARNO FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	75	129	168	11	14	40		55	62	92	69		2.1	3.5
CcB	CARTHAGE-HAND FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	68	117	152	10	13	36		50	56	84	63		1.9	3.2
Cd	CLAMO LOAM	57	98	128	8	11	30		42	47	70	52		1.6	2.6
Ce	CLAMO SILTY CLAY	58	100	130	8	11	31		43	48	71	53		1.7	2.7
Cf	CLAMO SILTY CLAY, FREQUENTLY FLOODED	29	50	65	4	5	15		21	24	36	27		0.8	1.3
CgA	CLARNO LOAM, 0 TO 2 PERCENT SLOPES	86	148	193	12	16	45		64	71	106	79		2.5	4.0
ChB	CLARNO-BONILLA LOAMS, 2 TO 6 PERCENT SLOPES	77	133	172	11	14	41		57	63	95	71		2.2	3.6
CkB	CLARNO-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	62	107	139	9	11	33		46	51	76	57		1.8	2.9
CmB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	75	129	168	11	14	40		55	62	92	69		2.1	3.5
CoA	CLARNO-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	84	145	188	12	16	44		62	69	103	77		2.4	3.9
DaB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	86	148	193	12	16	45		64	71	106	79		2.5	4.0
Db	DAVISON LOAM	77	133	172	11	14	41		57	63	95	71		2.2	3.6
Dc	DAVISON VARIANT SILT LOAM	81	139	181	11	15	43		60	66	100	75		2.3	3.8
DdA	DELMONT LOAM, 0 TO 2 PERCENT SLOPES	39	67	87	5	7	21		29	32	48	36		1.1	1.8
DeA	DOGER LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	37	64	83	5	7	20		27	30	45	34		1.1	1.7
DeB	DOGER LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	35	60	78	5	6	19		26	29	43	32		1.0	1.6
DfA	DUDLEY-JERAULD-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	43	74	96	6	8	23		32	35	53	40		1.2	2.0
Dh	DURRSTEIN SILT LOAM	13	22	29	2	2	7		10	11	16	12		0.4	0.6
Dk	DURRSTEIN-FARMSWORTH COMPLEX	24	41	54	3	4	13		18	20	29	22		0.7	1.1
Ea	ELSMERE LOAMY FINE SAND, LOAMY SUBSTRATUM	66	114	148	9	12	35		49	54	81	61		1.9	3.1
Eb	ELSMERE-ORWET COMPLEX	68	117	152	10	13	36		50	56	84	63		1.9	3.2
EcA	ENET LOAM, 0 TO 2 PERCENT SLOPES	62	107	139	9	11	33		46	51	76	57		1.8	2.9
EdB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	52	89	116	7	10	28		38	43	64	48		1.5	2.4
EeC	ETHAN-CLARNO LOAMS, 6 TO 9 PERCENT SLOPES	60	103	134	8	11	32		44	49	74	55		1.7	2.8
Fa	FEDORA FINE SANDY LOAM	54	93	121	8	10	29		40	44	66	50		1.5	2.5
FbA	FORESTBURG LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	66	114	148	9	12	35		49	54	81	61		1.9	3.1
FcB	FORESTBURG-ETHAN LOAMY FINE SANDS, 2 TO 6 PERCENT SLOPES	62	107	139	9	11	33		46	51	76	57		1.8	2.9

Sanborn County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
FcC	FORESTBURG-ETHAN LOAMY FINE SANDS, 6 TO 9 PERCENT SLOPES	53	91	119	7	10	28		39	43	65	49		1.5	2.5
HaA	HAND-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	84	145	188	12	16	44		62	69	103	77		2.4	3.9
HbB	HAND-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	74	127	166	10	14	39		55	61	91	68		2.1	3.4
HcB	HOUDEK-DUDLEY COMPLEX, 2 TO 6 PERCENT SLOPES	59	102	132	8	11	31		44	48	72	54		1.7	2.7
HdB	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	70	120	157	10	13	37		52	57	86	64		2.0	3.2
HeA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	82	141	184	12	15	43		61	67	101	75		2.3	3.8
HeB	HOUDEK-PROSPER LOAMS, 2 TO 6 PERCENT SLOPES	75	129	168	11	14	40		55	62	92	69		2.1	3.5
HfA	HOUDEK-STICKNEY LOAMS, 0 TO 2 PERCENT SLOPES	73	126	163	10	14	39		54	60	90	67		2.1	3.4
Hk	HOVEN SILT LOAM	15	26	34	2	3	8		11	12	18	14		0.4	0.7
HmA	HOVEN-DURRSTEIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	13	22	29	2	2	7		10	11	16	12		0.4	0.6
Ia	IPAGE-ELS LOAMY FINE SANDS	47	81	105	7	9	25		35	39	58	43		1.3	2.2
Ja	JAMES SILTY CLAY	29	50	65	4	5	15		21	24	36	27		0.8	1.3
La	LAMO SILTY CLAY LOAM	69	119	154	10	13	37		51	57	85	64		2.0	3.2
Lb	LUTE FINE SANDY LOAM	32	55	72	4	6	17		24	26	39	29		0.9	1.5
Lc	LUTE FINE SANDY LOAM, PONDED	28	48	63	4	5	15		21	23	34	26		0.8	1.3
LdA	LUTE-WHITELAKE FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	38	65	85	5	7	20		28	31	47	35		1.1	1.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Oa	ORWET FINE SANDY LOAM	67	115	150	9	12	35		50	55	82	62		1.9	3.1
Pa	ORTHENTS, GRAVELLY	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Sa	SHUE-DAVISON LOAMY FINE SANDS	61	105	137	9	11	32		45	50	75	56		1.7	2.8
Sb	SHUE VARIANT LOAMY FINE SAND	31	53	69	4	6	16		23	25	38	29		0.9	1.4
Ta	TETONKA LOAMY FINE SAND, OVERBLOWN	57	98	128	8	11	30		42	47	70	52		1.6	2.6
Tb	TETONKA SILT LOAM	56	96	125	8	10	30		41	46	69	52		1.6	2.6
TcA	TETONKA-DAVISON-CLARNO COMPLEX, 0 TO 2 PERCENT SLOPES	70	120	157	10	13	37		52	57	86	64		2.0	3.2
Td	TETONKA VARIANT FINE SANDY LOAM	62	107	139	9	11	33		46	51	76	57		1.8	2.9
VaC	VALENTINE FINE SAND, 3 TO 15 PERCENT SLOPES	20	34	45	3	4	11		15	16	25	18		0.6	0.9
W	WATER	0	0	0	0	0	0		0	0	0	0		0.0	0.0
Wa	WANN FINE SANDY LOAM	50	86	112	7	9	26		37	41	61	46		1.4	2.3
Wb	WANN-LAMO COMPLEX	59	102	132	8	11	31		44	48	72	54		1.7	2.7
WcB	WHITELAKE-WOONSOCKET FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	42	72	94	6	8	22		31	34	52	39		1.2	1.9
Wd	WOONSOCKET FINE SANDY LOAM	68	117	152	10	13	36		50	56	84	63		1.9	3.2
We	WORTHING SILT LOAM	31	53	69	4	6	16		23	25	38	29		0.9	1.4
Wk	WORTHING SILT LOAM, PONDED	5	9	11	1	1	3		4	4	6	5		0.1	0.2

Shannon County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		68	94	7	10	37	46	29	33	32	37	1,415	1.3	1.4
	County Average Crop Soil Map Unit Productivity Index =	67.37													
Aa	LOHMILLER SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	33	33	46	3	5	18	23	14	16	16	18	693	0.6	0.7
AsB	ANSELMO SANDY LOAM, 0 TO 5 PERCENT SLOPES	53	53	74	5	8	29	36	23	26	25	29	1,113	1.0	1.1
AsC	ANSELMO SANDY LOAM, 5 TO 9 PERCENT SLOPES	42	42	58	4	6	23	29	18	20	20	23	882	0.8	0.9
AvE	ANSELMO-VALENTINE COMPLEX, 5 TO 20 PERCENT SLOPES	26	26	36	3	4	14	18	11	13	12	14	546	0.5	0.5
Ba	BADLAND-DENBY-INTERIOR COMPLEX, 0 TO 90 PERCENT SLOPES	18	18	25	2	3	10	12	8	9	9	10	378	0.3	0.4
Bk	BANKARD LOAMY SAND, 0 TO 3 PERCENT SLOPES	32	32	45	3	5	18	22	14	15	15	18	672	0.6	0.7
BnB	BUFTON SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	1	1	1	0	0	1	1	0	0	0	1	21	0.0	0.0
BnE	BUFTON SILTY CLAY LOAM, 9 TO 20 PERCENT SLOPES	4	4	6	0	1	2	3	2	2	2	2	84	0.1	0.1
Br	BADLAND	5	5	7	0	1	3	3	2	2	2	3	105	0.1	0.1
Bu	BUFFINGTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	64	65	89	6	10	35	44	27	31	31	35	1,344	1.2	1.3
CaF	CANYON-OGLALA ASSOCIATION, 18 TO 40 PERCENT SLOPES	15	15	21	1	2	8	10	6	7	7	8	315	0.3	0.3
Cc	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	12	12	17	1	2	7	8	5	6	6	7	252	0.2	0.2
Cy	DENBY SILTY CLAY, 0 TO 4 PERCENT SLOPES	27	27	38	3	4	15	18	12	13	13	15	567	0.5	0.6
DvB	DUNDAY-VALENTINE COMPLEX, 0 TO 5 PERCENT SLOPES	37	37	51	4	6	20	25	16	18	18	20	777	0.7	0.8
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	29	29	40	3	4	16	20	12	14	14	16	609	0.5	0.6
EkE	EPPING-KADOKA SILT LOAMS, 9 TO 18 PERCENT SLOPES	31	31	43	3	5	17	21	13	15	15	17	651	0.6	0.6
Er	EPPING-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	14	14	19	1	2	8	10	6	7	7	8	294	0.3	0.3
GoA	MOBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	96	97	134	9	15	53	66	41	46	46	53	2,016	1.8	2.0
Gp	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Gr	NIHILL GRAVELLY LOAM, 2 TO 30 PERCENT SLOPES	6	6	8	1	1	3	4	3	3	3	3	126	0.1	0.1
HhA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	79	80	110	8	12	43	54	34	38	38	43	1,659	1.5	1.6
HlA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	79	80	110	8	12	43	54	34	38	38	43	1,659	1.5	1.6
HoA	HAVERSON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	81	82	113	8	12	44	55	35	39	39	44	1,701	1.5	1.7
Hs	HISLE SILT LOAM, 0 TO 9 PERCENT SLOPES	12	12	17	1	2	7	8	5	6	6	7	252	0.2	0.2
Ht	HISLE-SWANBOY COMPLEX, SALINE, 0 TO 6 PERCENT SLOPES	9	9	13	1	1	5	6	4	4	4	5	189	0.2	0.2
Hv	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	15	15	21	1	2	8	10	6	7	7	8	315	0.3	0.3
KaA	KADOKA SILT LOAM, 0 TO 3 PERCENT SLOPES	89	90	124	9	14	49	61	38	43	43	49	1,869	1.7	1.8
KaB	KADOKA SILT LOAM, 3 TO 5 PERCENT SLOPES	82	83	114	8	13	45	56	35	40	39	45	1,722	1.5	1.7
KaC	KADOKA SILT LOAM, 5 TO 9 PERCENT SLOPES	75	76	104	7	12	41	51	32	36	36	41	1,575	1.4	1.5
KbC	KADOKA-EPPING SILT LOAMS, 3 TO 9 PERCENT SLOPES	60	61	83	6	9	33	41	26	29	29	33	1,260	1.1	1.2
KeA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES	91	92	127	9	14	50	62	39	44	43	50	1,911	1.7	1.9
KeB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES	86	87	120	8	13	47	59	37	41	41	47	1,806	1.6	1.8
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	48	48	67	5	7	26	33	20	23	23	26	1,008	0.9	1.0
KhE	KEITH-COLBY SILT LOAMS, 12 TO 18 PERCENT SLOPES	45	45	63	4	7	25	31	19	22	22	25	945	0.8	0.9
KrA	KEITH-ROSEBUD SILT LOAMS, 0 TO 3 PERCENT SLOPES	89	90	124	9	14	49	61	38	43	43	49	1,869	1.7	1.8
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	74	75	103	7	11	41	51	32	36	35	41	1,554	1.4	1.5
KyA	SWANBOY CLAY, 0 TO 3 PERCENT SLOPES	9	9	13	1	1	5	6	4	4	4	5	189	0.2	0.2

Shannon County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
KyB	SWANBOY CLAY, 3 TO 5 PERCENT SLOPES	6	6	8	1	1	3	4	3	3	3	3	126	0.1	0.1
KzA	KYLE SILTY CLAY, 0 TO 3 PERCENT SLOPES	61	62	85	6	9	34	42	26	29	29	34	1,281	1.1	1.2
Le	LAMO-ELSMERE COMPLEX, 0 TO 3 PERCENT SLOPES	56	56	78	5	9	31	38	24	27	27	31	1,176	1.0	1.1
Lm	INTERIOR SILT LOAM, 0 TO 3 PERCENT SLOPES	36	36	50	3	6	20	25	15	17	17	20	756	0.7	0.7
Ls	LOUP FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	34	34	47	3	5	19	23	15	16	16	19	714	0.6	0.7
McB	MANVEL SILTY CLAY LOAM, 0 TO 5 PERCENT SLOPES	58	58	81	6	9	32	40	25	28	28	32	1,218	1.1	1.2
Me	MINATARE LOAM, 0 TO 2 PERCENT SLOPES	13	13	18	1	2	7	9	6	6	6	7	273	0.2	0.3
MgD	MINNEQUA SILTY CLAY LOAM, 5 TO 12 PERCENT SLOPES	42	42	58	4	6	23	29	18	20	20	23	882	0.8	0.9
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	29	29	40	3	4	16	20	12	14	14	16	609	0.5	0.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	20	20	28	2	3	11	14	9	10	10	11	420	0.4	0.4
OeC	ORELLA CLAY, 0 TO 9 PERCENT SLOPES	14	14	19	1	2	8	10	6	7	7	8	294	0.3	0.3
Os	ORELLA-SHALE OUTCROP COMPLEX, 3 TO 18 PERCENT SLOPES	5	5	7	0	1	3	3	2	2	2	3	105	0.1	0.1
PcE	ENNING AND MINNEQUA SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES	28	28	39	3	4	15	19	12	14	13	15	588	0.5	0.6
Pd	ENNING-ROCK OUTCROP COMPLEX, 5 TO 40 PERCENT SLOPES	8	8	11	1	1	4	5	3	4	4	4	168	0.1	0.2
PeC	PIERRE CLAY, 3 TO 9 PERCENT SLOPES	39	39	54	4	6	21	27	17	19	19	21	819	0.7	0.8
PsE	PIERRE-SAMSIL CLAYS, 9 TO 25 PERCENT SLOPES	10	10	14	1	2	5	7	4	5	5	5	210	0.2	0.2
RaA	RICHFIELD-ALTVAN SILT LOAMS, 0 TO 3 PERCENT SLOPES	62	63	86	6	10	34	42	26	30	30	34	1,302	1.2	1.3
RaB	RICHFIELD-ALTVAN SILT LOAMS, 3 TO 5 PERCENT SLOPES	57	57	79	6	9	31	39	24	27	27	31	1,197	1.1	1.2
RdA	RICHFIELD-DAWES SILT LOAMS, 0 TO 3 PERCENT SLOPES	66	67	92	6	10	36	45	28	32	32	36	1,386	1.2	1.3
ReB	ROSEBUD-CANYON LOAMS, 5 TO 9 PERCENT SLOPES	53	53	74	5	8	29	36	23	26	25	29	1,113	1.0	1.1
RkC	ROSEBUD-KEITH SILT LOAMS, 3 TO 9 PERCENT SLOPES	68	69	95	7	10	37	46	29	33	33	37	1,428	1.3	1.4
Ss	SAMSIL-SHALE OUTCROP COMPLEX, 3 TO 40 PERCENT SLOPES	6	6	8	1	1	3	4	3	3	3	3	126	0.1	0.1
Sw	SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	10	10	14	1	2	5	7	4	5	5	5	210	0.2	0.2
TaF	TASSEL-ANSELMO COMPLEX, 10 TO 40 PERCENT SLOPES	13	13	18	1	2	7	9	6	6	6	7	273	0.2	0.3
Te	EPPING-MITCHELL SILT LOAMS, 9 TO 30 PERCENT SLOPES	8	8	11	1	1	4	5	3	4	4	4	168	0.1	0.2
ThB	THIRTYNINE LOAM, 1 TO 3 PERCENT SLOPES	6	6	8	1	1	3	4	3	3	3	3	126	0.1	0.1
ThC	THIRTYNINE LOAM, 3 TO 6 PERCENT SLOPES	4	4	6	0	1	2	3	2	2	2	2	84	0.1	0.1
TnA	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	57	57	79	6	9	31	39	24	27	27	31	1,197	1.1	1.2
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	43	43	60	4	7	24	29	18	21	21	24	903	0.8	0.9
TuA	TUTHILL-MANTER FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	58	58	81	6	9	32	40	25	28	28	32	1,218	1.1	1.2
TuB	TUTHILL-MANTER FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	53	53	74	5	8	29	36	23	26	25	29	1,113	1.0	1.1
TuC	TUTHILL-MANTER FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	45	45	63	4	7	25	31	19	22	22	25	945	0.8	0.9
UcC	ULYSSES-COLBY COMPLEX, SAND SUBSTRATUM, 3 TO 9 PERCENT SLOPES	65	66	90	6	10	36	44	28	31	31	36	1,365	1.2	1.3
Vs	VALENTINE SAND, 3 TO 30 PERCENT SLOPES	7	7	10	1	1	4	5	3	3	3	4	147	0.1	0.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Ww	WORTMAN-WANBLEE SILT LOAMS, 0 TO 6 PERCENT SLOPES	27	27	38	3	4	15	18	12	13	13	15	567	0.5	0.6

Spink County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		142	201	12	18	36	52	49	48	71	49	1,674	1.7	2.9
	County Average Crop Soil Map Unit Productivity Index =	67.47													
Aa	AASTAD LOAM, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Ab	AASTAD-HAMERLY LOAMS, 0 TO 2 PERCENT SLOPES	86	181	257	15	23	46	66	63	61	90	62	2,133	2.2	3.7
Ad	AASTAD-TONKA COMPLEX, 0 TO 2 PERCENT SLOPES	82	172	245	14	22	44	63	60	58	86	59	2,034	2.1	3.6
Ae	ABERDEEN-NAHON SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SLOP	59	124	176	10	16	31	45	43	42	62	42	1,464	1.5	2.6
Ah	ABERDEEN-NAHON SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	59	124	176	10	16	31	45	43	42	62	42	1,464	1.5	2.6
An	ABERDEEN-NAHON-HEIL SILT LOAMS, 0 TO 2 PERCENT SLOPES	49	103	146	8	13	26	38	36	35	51	35	1,215	1.2	2.1
Ao	ABERDEEN-NAHON-HEIL SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT S	49	103	146	8	13	26	38	36	35	51	35	1,215	1.2	2.1
At	AQUENTS, LOAMY, 0 TO 2 PERCENT SLOPES	32	67	96	6	9	17	25	23	23	34	23	794	0.8	1.4
BaC	BEADLE LOAM, 6 TO 9 PERCENT SLOPES	54	114	161	9	14	29	42	39	38	57	39	1,340	1.4	2.3
BdA	BEADLE-DUDLEY COMPLEX, 0 TO 2 PERCENT SLOPES	58	122	173	10	15	31	45	42	41	61	42	1,439	1.5	2.5
BeA	BEADLE-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	71	149	212	12	19	38	55	52	51	74	51	1,761	1.8	3.1
BeB	BEADLE-STICKNEY COMPLEX, 1 TO 6 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
BfA	BEADLE-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES, VERY STONY	5	11	15	1	1	3	4	4	4	5	4	124	0.1	0.2
BfB	BEADLE-STICKNEY COMPLEX, 1 TO 6 PERCENT SLOPES, VERY STONY	6	13	18	1	2	3	5	4	4	6	4	149	0.2	0.3
Bg	BEARDEN SILT LOAM, 0 TO 2 PERCENT SLOPES	77	162	230	13	21	41	59	56	55	81	55	1,910	1.9	3.3
Bk	BEARDEN-TONKA SILT LOAMS, 0 TO 2 PERCENT SLOPES	73	153	218	13	20	39	56	53	52	77	53	1,811	1.8	3.2
Bo	BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	98	206	293	17	26	52	76	71	70	103	71	2,431	2.5	4.2
Br	BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	92	193	275	16	25	49	71	67	65	97	66	2,282	2.3	4.0
Bs	BEOTIA-WINSHIP SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	193	275	16	25	49	71	67	65	97	66	2,282	2.3	4.0
Bt	BEOTIA-WINSHIP SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SLOPES	92	193	275	16	25	49	71	67	65	97	66	2,282	2.3	4.0
Bu	BON LOAM, 0 TO 2 PERCENT SLOPES	95	200	284	16	25	51	73	69	68	100	68	2,357	2.4	4.1
Bw	BON LOAM, CHANNELED	36	76	108	6	10	19	28	26	26	38	26	893	0.9	1.6
BxD	BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	34	71	102	6	9	18	26	25	24	36	24	843	0.9	1.5
ByE	BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	12	25	36	2	3	6	9	9	9	13	9	298	0.3	0.5
BzE	BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	19	40	57	3	5	10	15	14	14	20	14	471	0.5	0.8
Ca	CAMTOWN-TURTON LOAMS, 0 TO 2 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
Cf	CAVOUR-FERNEY LOAMS, 0 TO 2 PERCENT SLOPES	29	61	87	5	8	15	22	21	21	30	21	719	0.7	1.3
Co	COLVIN SILTY CLAY LOAM, SALINE, 0 TO 1 PERCENT SLOPES	36	76	108	6	10	19	28	26	26	38	26	893	0.9	1.6
Cr	CRESBARD-CAVOUR LOAMS, 0 TO 2 PERCENT SLOPES	54	114	161	9	14	29	42	39	38	57	39	1,340	1.4	2.3
Cs	CRESBARD-CAVOUR-HEIL COMPLEX, 0 TO 2 PERCENT SLOPES	44	92	131	8	12	23	34	32	31	46	32	1,091	1.1	1.9
Ct	CROSSPLAIN-TETONKA COMPLEX, 0 TO 1 PERCENT SLOPES	73	153	218	13	20	39	56	53	52	77	53	1,811	1.8	3.2
Da	DAVIS-NORTHVILLE COMPLEX, 0 TO 2 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
Db	DAVISON LOAM, 0 TO 2 PERCENT SLOPES	77	162	230	13	21	41	59	56	55	81	55	1,910	1.9	3.3
Dd	DAVISON-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	68	143	203	12	18	36	52	49	48	71	49	1,687	1.7	2.9
DeA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	46	97	137	8	12	24	35	33	33	48	33	1,141	1.2	2.0
Dk	DIMO LOAM, 0 TO 2 PERCENT SLOPES	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
Dm	DIMO-GRAT LOAMS, 0 TO 2 PERCENT SLOPES	64	135	191	11	17	34	49	47	46	67	46	1,588	1.6	2.8

Spink County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
DoA	DOLAND-EMBDEN COMPLEX, 0 TO 3 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
Dq	DOVECREEK SILT LOAM, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Dr	DOVRAY SILTY CLAY, 0 TO 1 PERCENT SLOPES	32	67	96	6	9	17	25	23	23	34	23	794	0.8	1.4
Du	DUDLEY-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	28	59	84	5	7	15	22	20	20	29	20	695	0.7	1.2
Dx	DURRSTEIN SILT LOAM, 0 TO 1 PERCENT SLOPES	10	21	30	2	3	5	8	7	7	10	7	248	0.3	0.4
Ea	ECKMAN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	90	189	269	15	24	48	69	65	64	94	65	2,233	2.3	3.9
EcA	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	90	189	269	15	24	48	69	65	64	94	65	2,233	2.3	3.9
EcB	ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
EdB	ECKMAN-ZELL VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	78	164	233	13	21	42	60	57	55	82	56	1,935	2.0	3.4
EeB	EDGELEY LOAM, 2 TO 6 PERCENT SLOPES	83	174	248	14	22	44	64	60	59	87	60	2,059	2.1	3.6
EeC	EDGELEY LOAM, 6 TO 9 PERCENT SLOPES	70	147	209	12	19	37	54	51	50	73	50	1,736	1.8	3.0
EeD	EDGELEY LOAM, 9 TO 20 PERCENT SLOPES	26	55	78	4	7	14	20	19	18	27	19	645	0.7	1.1
EgA	EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	62	130	185	11	17	33	48	45	44	65	45	1,538	1.6	2.7
EgB	EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	56	118	167	10	15	30	43	41	40	59	40	1,389	1.4	2.4
Ek	ELSMERE LOAMY SAND, 0 TO 2 PERCENT SLOPES	68	143	203	12	18	36	52	49	48	71	49	1,687	1.7	2.9
EmE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	9	19	27	2	2	5	7	7	6	9	6	223	0.2	0.4
EnD	ETHAN-HAND LOAMS, 9 TO 20 PERCENT SLOPES	43	90	128	7	11	23	33	31	31	45	31	1,067	1.1	1.9
Er	EXLINE-ABERDEEN-NAHON SILT LOAMS, 0 TO 2 PERCENT SLOPES	34	71	102	6	9	18	26	25	24	36	24	843	0.9	1.5
Et	EXLINE-ABERDEEN-NAHON SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCEN	34	71	102	6	9	18	26	25	24	36	24	843	0.9	1.5
Ew	EXLINE-HEIL SILT LOAMS, 0 TO 2 PERCENT SLOPES	13	27	39	2	3	7	10	9	9	14	9	322	0.3	0.6
Ex	EXLINE-HEIL SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SLOPES	14	29	42	2	4	7	11	10	10	15	10	347	0.4	0.6
EyA	EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	44	92	131	8	12	23	34	32	31	46	32	1,091	1.1	1.9
Fa	FARMSWORTH-DURRSTEIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	27	57	81	5	7	14	21	20	19	28	19	670	0.7	1.2
Fe	FERNEY-HEIL COMPLEX, 0 TO 2 PERCENT SLOPES	13	27	39	2	3	7	10	9	9	14	9	322	0.3	0.6
Ff	FORESTBURG-ELSMERE LOAMY SANDS, 0 TO 2 PERCENT SLOPES	66	139	197	11	18	35	51	48	47	69	47	1,637	1.7	2.9
Fh	FORESTBURG-ELSMERE-TOKO COMPLEX, 0 TO 2 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
FmA	FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	88	185	263	15	24	47	68	64	63	92	63	2,183	2.2	3.8
FmB	FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
FnC	FORMAN-BUSE LOAMS, 6 TO 9 PERCENT SLOPES	62	130	185	11	17	33	48	45	44	65	45	1,538	1.6	2.7
FrB	FORMAN-BUSE-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
FrC	FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
FsA	FORMAN-CRESBARD LOAMS, 0 TO 2 PERCENT SLOPES	78	164	233	13	21	42	60	57	55	82	56	1,935	2.0	3.4
FsB	FORMAN-CRESBARD LOAMS, 2 TO 6 PERCENT SLOPES	74	156	221	13	20	39	57	54	53	78	53	1,836	1.9	3.2
FtA	FORMAN-CRESBARD-TONKA COMPLEX, 0 TO 2 PERCENT SLOPES	74	156	221	13	20	39	57	54	53	78	53	1,836	1.9	3.2
Ga	GARDENA VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Gd	GARDENA-GLYNDON SILT LOAMS, 0 TO 2 PERCENT SLOPES	87	183	260	15	23	46	67	63	62	91	63	2,158	2.2	3.8
Ge	GARDENA-TURTON VERY FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	71	149	212	12	19	38	55	52	51	74	51	1,761	1.8	3.1
GgA	GREAT BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
GnA	GREAT BEND-BEOTIA SILT LOAMS, 0 TO 2 PERCENT SLOPES	95	200	284	16	25	51	73	69	68	100	68	2,357	2.4	4.1
GnB	GREAT BEND-BEOTIA SILT LOAMS, 1 TO 6 PERCENT SLOPES	89	187	266	15	24	47	69	65	63	93	64	2,208	2.2	3.9

Spink County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
GoA	GREAT BEND-BEOTIA SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SLO	95	200	284	16	25	51	73	69	68	100	68	2,357	2.4	4.1
GpA	GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	91	191	272	16	24	48	70	66	65	95	65	2,257	2.3	3.9
GpB	GREAT BEND-PUTNEY SILT LOAMS, 2 TO 4 PERCENT SLOPES	83	174	248	14	22	44	64	60	59	87	60	2,059	2.1	3.6
GtB	GREAT BEND-ZELL SILT LOAMS, 2 TO 6 PERCENT SLOPES	78	164	233	13	21	42	60	57	55	82	56	1,935	2.0	3.4
GtC	GREAT BEND-ZELL SILT LOAMS, 4 TO 9 PERCENT SLOPES	66	139	197	11	18	35	51	48	47	69	47	1,637	1.7	2.9
GzC	GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	67	141	200	12	18	36	52	49	48	70	48	1,662	1.7	2.9
HaA	HAMERLY LOAM, 0 TO 2 PERCENT SLOPES	76	160	227	13	20	40	59	55	54	80	55	1,885	1.9	3.3
Hb	HAMERLY-TONKA COMPLEX, 0 TO 2 PERCENT SLOPES	67	141	200	12	18	36	52	49	48	70	48	1,662	1.7	2.9
HcA	HAND-BONILLA LOAMS, 0 TO 3 PERCENT SLOPES	88	185	263	15	24	47	68	64	63	92	63	2,183	2.2	3.8
HcB	HAND-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
HdA	HAND-CARTHAGE FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	77	162	230	13	21	41	59	56	55	81	55	1,910	1.9	3.3
He	HAND-CARTHAGE-OVERSHUE FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPE	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
HfC	HAND-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	62	130	185	11	17	33	48	45	44	65	45	1,538	1.6	2.7
HgB	HAND-ETHAN-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
HgC	HAND-ETHAN-BONILLA LOAMS, 2 TO 9 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
HhB	HAND-ETHAN-CARTHAGE COMPLEX, 1 TO 6 PERCENT SLOPES	74	156	221	13	20	39	57	54	53	78	53	1,836	1.9	3.2
HjB	HAND-TALMO COMPLEX, 2 TO 6 PERCENT SLOPES	54	114	161	9	14	29	42	39	38	57	39	1,340	1.4	2.3
HjC	HAND-TALMO COMPLEX, 6 TO 9 PERCENT SLOPES	44	92	131	8	12	23	34	32	31	46	32	1,091	1.1	1.9
Hk	HARMONY-ABERDEEN SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SL	82	172	245	14	22	44	63	60	58	86	59	2,034	2.1	3.6
Hm	HARMONY-ABERDEEN SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	82	172	245	14	22	44	63	60	58	86	59	2,034	2.1	3.6
Hn	HARMONY-BEOTIA SILT LOAMS, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Ho	HARMONY-BEOTIA SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCENT SLOPE	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Hp	HARRIET LOAM, 0 TO 1 PERCENT SLOPES	7	15	21	1	2	4	5	5	5	7	5	174	0.2	0.3
Hr	HEIL SILT LOAM, 0 TO 1 PERCENT SLOPES	13	27	39	2	3	7	10	9	9	14	9	322	0.3	0.6
HsA	HENKIN-BLENDON FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	62	130	185	11	17	33	48	45	44	65	45	1,538	1.6	2.7
HsB	HENKIN-BLENDON FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
HtB	HOUDEK-ETHAN-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
HtC	HOUDEK-ETHAN-PROSPER LOAMS, 2 TO 9 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
HuA	HOUDEK-PROSPER LOAMS, 0 TO 2 PERCENT SLOPES	88	185	263	15	24	47	68	64	63	92	63	2,183	2.2	3.8
HuB	HOUDEK-PROSPER LOAMS, 1 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
HwA	HOUDEK-STICKNEY COMPLEX, 0 TO 2 PERCENT SLOPES	78	164	233	13	21	42	60	57	55	82	56	1,935	2.0	3.4
HxA	HOUDEK-STICKNEY-TETONKA COMPLEX, 0 TO 2 PERCENT SLOPES	74	156	221	13	20	39	57	54	53	78	53	1,836	1.9	3.2
Hy	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	16	34	48	3	4	9	12	12	11	17	12	397	0.4	0.7
Ie	IPAGE-ELS-SHUE COMPLEX, 0 TO 6 PERCENT SLOPES	45	95	134	8	12	24	35	33	32	47	32	1,116	1.1	2.0
Jh	JERAULD-HOVEN SILT LOAMS, 0 TO 2 PERCENT SLOPES	13	27	39	2	3	7	10	9	9	14	9	322	0.3	0.6
KaA	KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
KbB	KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	83	174	248	14	22	44	64	60	59	87	60	2,059	2.1	3.6
KcA	KRANZBURG-CRESBARD SILT LOAMS, 0 TO 2 PERCENT SLOPES	82	172	245	14	22	44	63	60	58	86	59	2,034	2.1	3.6
KtA	KRANZBURG-CRESBARD-TONKA SILT LOAMS, 0 TO 2 PERCENT SLOPES	78	164	233	13	21	42	60	57	55	82	56	1,935	2.0	3.4
KzB	KRANZBURG-ZELL-AASTAD COMPLEX, 1 TO 6 PERCENT SLOPES	81	170	242	14	22	43	62	59	58	85	58	2,009	2.0	3.5

Spink County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
La	LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES	92	193	275	16	25	49	71	67	65	97	66	2,282	2.3	4.0
Lc	LA PRAIRIE-HOLMQUIST LOAMS, CHANNELED	30	63	90	5	8	16	23	22	21	31	22	744	0.8	1.3
Ld	LADELLE SILT LOAM, 0 TO 2 PERCENT SLOPES	93	195	278	16	25	49	72	68	66	98	67	2,307	2.3	4.0
Le	LADELLE SILT LOAM, CHANNELED	30	63	90	5	8	16	23	22	21	31	22	744	0.8	1.3
Lk	LAMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	71	149	212	12	19	38	55	52	51	74	51	1,761	1.8	3.1
Lm	LAMOURE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	70	147	209	12	19	37	54	51	50	73	50	1,736	1.8	3.0
Ln	LAWET LOAM, 0 TO 2 PERCENT SLOPES	59	124	176	10	16	31	45	43	42	62	42	1,464	1.5	2.6
Lo	LAWET LOAM, WET, 0 TO 1 PERCENT SLOPES	29	61	87	5	8	15	22	21	21	30	21	719	0.7	1.3
Lp	LAWET-DAVISON LOAMS, 0 TO 2 PERCENT SLOPES	64	135	191	11	17	34	49	47	46	67	46	1,588	1.6	2.8
LrA	LEHR-BOWDLE LOAMS, 0 TO 3 PERCENT SLOPES	51	107	152	9	14	27	39	37	36	53	37	1,265	1.3	2.2
LrB	LEHR-BOWDLE LOAMS, 3 TO 6 PERCENT SLOPES	47	99	140	8	13	25	36	34	33	49	34	1,166	1.2	2.0
Ls	LOWE LOAM, 0 TO 1 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
Lt	LUDDEN SILTY CLAY, 0 TO 1 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
Lu	LUDDEN SILTY CLAY, PONDED	7	15	21	1	2	4	5	5	5	7	5	174	0.2	0.3
Lw	LUDDEN SILTY CLAY, WET, 0 TO 1 PERCENT SLOPES	29	61	87	5	8	15	22	21	21	30	21	719	0.7	1.3
MaC	MADDOCK-EGELAND SANDY LOAMS, 6 TO 9 PERCENT SLOPES	34	71	102	6	9	18	26	25	24	36	24	843	0.9	1.5
MdA	MAX-ARNEGARD LOAMS, 0 TO 3 PERCENT SLOPES	88	185	263	15	24	47	68	64	63	92	63	2,183	2.2	3.8
MdB	MAX-ARNEGARD LOAMS, 1 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
MgB	MAX-ARNEGARD-ZAHL LOAMS, 1 TO 6 PERCENT SLOPES	81	170	242	14	22	43	62	59	58	85	58	2,009	2.0	3.5
MnB	MAX-NIOBELL-NOONAN LOAMS, 2 TO 6 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
MxC	MAX-ZAHL-ARNEGARD LOAMS, 2 TO 9 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
My	MIRANDA-HEIL COMPLEX, 0 TO 2 PERCENT SLOPES	13	27	39	2	3	7	10	9	9	14	9	322	0.3	0.6
Mz	MORITZ-LOWE LOAMS, 0 TO 2 PERCENT SLOPES	69	145	206	12	18	37	53	50	49	72	50	1,712	1.7	3.0
Na	NAHON-ABERDEEN-EXLINE SILT LOAMS, 0 TO 2 PERCENT SLOPES	43	90	128	7	11	23	33	31	31	45	31	1,067	1.1	1.9
Nb	NAHON-ABERDEEN-EXLINE SILT LOAMS, TILL SUBSTRATUM, 0 TO 2 PERCEN	43	90	128	7	11	23	33	31	31	45	31	1,067	1.1	1.9
Nc	NIOBELL-NOONAN LOAMS, 0 TO 2 PERCENT SLOPES	54	114	161	9	14	29	42	39	38	57	39	1,340	1.4	2.3
Nd	NIOBELL-NOONAN-HEIL COMPLEX, 0 TO 2 PERCENT SLOPES	45	95	134	8	12	24	35	33	32	47	32	1,116	1.1	2.0
NeA	NIOBELL-NOONAN-MAX LOAMS, 0 TO 3 PERCENT SLOPES	61	128	182	10	16	32	47	44	43	64	44	1,513	1.5	2.6
Nm	NOONAN-MIRANDA LOAMS, 0 TO 2 PERCENT SLOPES	28	59	84	5	7	15	22	20	20	29	20	695	0.7	1.2
Nr	NORTHVILLE-FARMSWORTH SILT LOAMS, 0 TO 2 PERCENT SLOPES	55	116	164	9	15	29	42	40	39	58	40	1,364	1.4	2.4
Nv	NORTHVILLE-FARMSWORTH-HOVEN SILT LOAMS, 0 TO 2 PERCENT SLOPES	43	90	128	7	11	23	33	31	31	45	31	1,067	1.1	1.9
Ov	OVERSHUE FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES	63	132	188	11	17	34	49	46	45	66	45	1,563	1.6	2.7
Pa	PARNELL SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	30	63	90	5	8	16	23	22	21	31	22	744	0.8	1.3
Pc	PARSHALL LOAMS, 0 TO 3 PERCENT SLOPES	68	143	203	12	18	36	52	49	48	71	49	1,687	1.7	2.9
PeA	PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
PgB	PEEVER-BUSE CLAY LOAMS, 1 TO 4 PERCENT SLOPES	66	139	197	11	18	35	51	48	47	69	47	1,637	1.7	2.9
PoA	PEEVER-CAVOUR COMPLEX, 0 TO 2 PERCENT SLOPES	61	128	182	10	16	32	47	44	43	64	44	1,513	1.5	2.6
Pp	PITS, GRAVEL AND SAND	5	11	15	1	1	3	4	4	4	5	4	124	0.1	0.2
Pr	PLAYMOOR SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	31	65	93	5	8	16	24	23	22	33	22	769	0.8	1.3

Spink County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Py	PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	29	61	87	5	8	15	22	21	21	30	21	719	0.7	1.3
Ra	RANSLO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	31	65	93	5	8	16	24	23	22	33	22	769	0.8	1.3
Re	RANSLO-HARRIET LOAMS, 0 TO 2 PERCENT SLOPES	24	50	72	4	6	13	18	17	17	25	17	595	0.6	1.0
RfA	RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	49	103	146	8	13	26	38	36	35	51	35	1,215	1.2	2.1
RfB	RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	45	95	134	8	12	24	35	33	32	47	32	1,116	1.1	2.0
So	SOUTHAM SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	9	19	27	2	2	5	7	7	6	9	6	223	0.2	0.4
St	STICKNEY-DUDLEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
Su	STICKNEY-DUDLEY-HOVEN SILT LOAMS, 0 TO 2 PERCENT SLOPES	44	92	131	8	12	23	34	32	31	46	32	1,091	1.1	1.9
Sw	STRAW LOAM, CHANNELED	28	59	84	5	7	15	22	20	20	29	20	695	0.7	1.2
Sx	STRAW LOAM, 0 TO 2 PERCENT SLOPES	90	189	269	15	24	48	69	65	64	94	65	2,233	2.3	3.9
TbE	TALMO-ETHAN COMPLEX, 9 TO 40 PERCENT SLOPES, VERY STONY	12	25	36	2	3	6	9	9	9	13	9	298	0.3	0.5
Te	TETONKA SILT LOAM, 0 TO 1 PERCENT SLOPES	58	122	173	10	15	31	45	42	41	61	42	1,439	1.5	2.5
Tk	TOKO FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
Tm	TOKO FINE SANDY LOAM, WET, 0 TO 1 PERCENT SLOPES	29	61	87	5	8	15	22	21	21	30	21	719	0.7	1.3
Tn	TONKA SILT LOAM, 0 TO 1 PERCENT SLOPES	58	122	173	10	15	31	45	42	41	61	42	1,439	1.5	2.5
To	TONKA-RIMLAP SILT LOAMS, 0 TO 1 PERCENT SLOPES	53	111	158	9	14	28	41	39	38	56	38	1,315	1.3	2.3
Us	UDORTHENTS, SILTY, 0 TO 2 PERCENT SLOPES	68	143	203	12	18	36	52	49	48	71	49	1,687	1.7	2.9
Va	VALLERS-HAMERLY LOAMS, 0 TO 2 PERCENT SLOPES	57	120	170	10	15	30	44	41	41	60	41	1,414	1.4	2.5
VgA	VANG LOAM, 0 TO 2 PERCENT SLOPES	59	124	176	10	16	31	45	43	42	62	42	1,464	1.5	2.6
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaA	WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	88	185	263	15	24	47	68	64	63	92	63	2,183	2.2	3.8
WaB	WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	84	177	251	14	22	45	65	61	60	88	60	2,084	2.1	3.6
WbA	WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	81	170	242	14	22	43	62	59	58	85	58	2,009	2.0	3.5
WbB	WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	80	168	239	14	21	43	62	58	57	84	58	1,984	2.0	3.5
WcA	WILLIAMS-NIOBELL LOAMS, 0 TO 3 PERCENT SLOPES	76	160	227	13	20	40	59	55	54	80	55	1,885	1.9	3.3
WcB	WILLIAMS-NIOBELL LOAMS, 3 TO 6 PERCENT SLOPES	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
WdA	WILLIAMS-NIOBELL-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	74	156	221	13	20	39	57	54	53	78	53	1,836	1.9	3.2
WhD	WILLIAMS-VIDA LOAMS, 6 TO 15 PERCENT SLOPES	53	111	158	9	14	28	41	39	38	56	38	1,315	1.3	2.3
WmB	WILLIAMS-ZAHL-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	79	166	236	14	21	42	61	57	56	83	57	1,960	2.0	3.4
WmC	WILLIAMS-ZAHL-BOWBELLS LOAMS, 2 TO 9 PERCENT SLOPES	65	137	194	11	17	35	50	47	46	68	47	1,612	1.6	2.8
Wn	WINSHIP-TONKA SILT LOAMS, 0 TO 1 PERCENT SLOPES	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
Wo	WINSHIP-TONKA SILT LOAMS, TILL SUBSTRATUM, 0 TO 1 PERCENT SLOPES	75	158	224	13	20	40	58	55	53	79	54	1,860	1.9	3.3
Ws	WOONSOCKET-WHITELAKE FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	59	124	176	10	16	31	45	43	42	62	42	1,464	1.5	2.6
Wt	WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	31	65	93	5	8	16	24	23	22	33	22	769	0.8	1.3
Ww	WORTHING SILTY CLAY LOAM, PONDED	11	23	33	2	3	6	8	8	8	12	8	273	0.3	0.5
ZaE	ZAHILL LOAM, 15 TO 40 PERCENT SLOPES	17	36	51	3	5	9	13	12	12	18	12	422	0.4	0.7
ZbC	ZAHL-MAX LOAMS, 6 TO 9 PERCENT SLOPES	60	126	179	10	16	32	46	44	43	63	43	1,488	1.5	2.6
ZbD	ZAHL-MAX LOAMS, 9 TO 20 PERCENT SLOPES	43	90	128	7	11	23	33	31	31	45	31	1,067	1.1	1.9
ZgD	ZELL-GREAT BEND SILT LOAMS, 6 TO 25 PERCENT SLOPES	51	107	152	9	14	27	39	37	36	53	37	1,265	1.3	2.2

Stanley County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		54	89	5	14	17	50	28	35	55	34	1,097	1.2	1.3
	County Average Crop Soil Map Unit Productivity Index =	55.36													
AgA	AGAR SILT LOAM, 0 TO 3 PERCENT SLOPES	90	89	145	8	23	28	81	45	57	89	55	1,783	1.9	2.1
AgB	AGAR SILT LOAM, 3 TO 6 PERCENT SLOPES	83	82	134	8	21	26	75	41	53	82	51	1,644	1.8	1.9
AkA	FAIRLO SILT LOAM, 0 TO 3 PERCENT SLOPES	82	81	132	7	21	26	74	41	52	81	50	1,624	1.7	1.9
AkB	FAIRLO SILT LOAM, 3 TO 6 PERCENT SLOPES	78	77	126	7	20	24	70	39	50	77	48	1,545	1.7	1.8
CaA	CANNING LOAM, 0 TO 3 PERCENT SLOPES	50	49	81	5	13	16	45	25	32	49	31	990	1.1	1.2
CaB	CANNING LOAM, 3 TO 6 PERCENT SLOPES	45	44	73	4	12	14	40	22	29	45	28	891	1.0	1.0
CaC	CANNING LOAM, 6 TO 9 PERCENT SLOPES	34	33	55	3	9	11	31	17	22	34	21	674	0.7	0.8
Cc	CARTER-CAPA SILT LOAMS	28	28	45	3	7	9	25	14	18	28	17	555	0.6	0.7
ChB	CHANTIER CLAY, 2 TO 9 PERCENT SLOPES	11	11	18	1	3	3	10	5	7	11	7	218	0.2	0.3
CsC	CHANTIER-SANSARC CLAYS, 3 TO 15 PERCENT SLOPES	8	8	13	1	2	3	7	4	5	8	5	158	0.2	0.2
Ct	CAPA-WENDTE, CHANNELED, COMPLEX	20	20	32	2	5	6	18	10	13	20	12	396	0.4	0.5
CwB	CHANTIER-BULLCREEK CLAYS, 2 TO 9 PERCENT SLOPES	9	9	15	1	2	3	8	4	6	9	6	178	0.2	0.2
Do	DORNA SILT LOAM	90	89	145	8	23	28	81	45	57	89	55	1,783	1.9	2.1
Ho	HOVEN SILT LOAM	13	13	21	1	3	4	12	6	8	13	8	258	0.3	0.3
HrA	CAPA SILT LOAM, 0 TO 3 PERCENT SLOPES	17	17	27	2	4	5	15	8	11	17	10	337	0.4	0.4
Hs	CAPA-SLICKSPOTS COMPLEX	11	11	18	1	3	3	10	5	7	11	7	218	0.2	0.3
In	INAVALE FINE SAND	28	28	45	3	7	9	25	14	18	28	17	555	0.6	0.7
KeA	KIRLEY LOAM, 0 TO 3 PERCENT SLOPES	88	87	142	8	23	28	79	44	56	87	54	1,743	1.9	2.0
KeB	KIRLEY LOAM, 3 TO 6 PERCENT SLOPES	83	82	134	8	21	26	75	41	53	82	51	1,644	1.8	1.9
Ko	KOLLS CLAY	27	27	44	2	7	8	24	13	17	27	17	535	0.6	0.6
LaB	LAKOMA CLAY, 3 TO 6 PERCENT SLOPES	54	53	87	5	14	17	49	27	34	53	33	1,070	1.1	1.3
LaC	LAKOMA CLAY, 6 TO 9 PERCENT SLOPES	45	44	73	4	12	14	40	22	29	45	28	891	1.0	1.0
LaD	LAKOMA SILTY CLAY, 6 TO 15 PERCENT SLOPES	34	33	55	3	9	11	31	17	22	34	21	674	0.7	0.8
LkD	LAKOMA-OKATON CLAYS, 6 TO 15 PERCENT SLOPES	28	28	45	3	7	9	25	14	18	28	17	555	0.6	0.7
LoA	LOWRY SILT LOAM, 0 TO 3 PERCENT SLOPES	87	86	140	8	22	27	78	43	55	86	53	1,723	1.8	2.0
LoB	LOWRY SILT LOAM, 3 TO 6 PERCENT SLOPES	84	83	135	8	22	26	76	42	53	83	51	1,664	1.8	2.0
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	72	71	116	7	19	23	65	36	46	71	44	1,426	1.5	1.7
McA	MCCLURE SILT LOAM, 0 TO 3 PERCENT SLOPES	81	80	131	7	21	25	73	40	52	80	50	1,605	1.7	1.9
McB	MCCLURE SILT LOAM, 3 TO 6 PERCENT SLOPES	77	76	124	7	20	24	69	38	49	76	47	1,525	1.6	1.8
MdA	MILLBORO SILT LOAM, 0 TO 3 PERCENT SLOPES	79	78	127	7	20	25	71	39	50	78	48	1,565	1.7	1.8
MdB	MILLBORO SILT LOAM, 3 TO 6 PERCENT SLOPES	77	76	124	7	20	24	69	38	49	76	47	1,525	1.6	1.8
MoA	MILLBORO SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	79	78	127	7	20	25	71	39	50	78	48	1,565	1.7	1.8
MoB	MILLBORO SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	75	74	121	7	19	23	67	37	48	74	46	1,486	1.6	1.7
Mu	MUNJOR-INAVALE COMPLEX	40	39	65	4	10	13	36	20	25	40	24	792	0.8	0.9
M-W	MISCELLANEOUS WATER	1	1	2	0	0	0	1	0	1	1	1	20	0.0	0.0
Nb	NIMBRO SILTY CLAY LOAM	79	78	127	7	20	25	71	39	50	78	48	1,565	1.7	1.8
OA	OAHE DAM	1	1	2	0	0	0	1	0	1	1	1	20	0.0	0.0

Stanley County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
OfE	OKATON-WENDTE-BULLCREEK COMPLEX, 0 to 45 PERCENT SLOPES	15	15	24	1	4	5	13	7	10	15	9	297	0.3	0.3
OkE	OKATON-LAKOMA CLAYS, 15 TO 40 PERCENT SLOPES	8	8	13	1	2	3	7	4	5	8	5	158	0.2	0.2
OlC	OPAL CLAY LOAM, 6 TO 9 PERCENT SLOPES	51	50	82	5	13	16	46	25	32	50	31	1,010	1.1	1.2
OpA	OPAL CLAY, 0 TO 3 PERCENT SLOPES	66	65	106	6	17	21	59	33	42	65	40	1,307	1.4	1.5
OpB	OPAL CLAY, 3 TO 6 PERCENT SLOPES	61	60	98	6	16	19	55	30	39	60	37	1,208	1.3	1.4
OpC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	52	51	84	5	13	16	47	26	33	51	32	1,030	1.1	1.2
OsD	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	31	31	50	3	8	10	28	15	20	31	19	614	0.7	0.7
OtB	OPAL-CHANTIER CLAYS, 2 TO 6 PERCENT SLOPES	41	40	66	4	11	13	37	20	26	41	25	812	0.9	1.0
OtC	OPAL-CHANTIER CLAYS, 6 TO 9 PERCENT SLOPES	34	33	55	3	9	11	31	17	22	34	21	674	0.7	0.8
OvA	OTTUMWA SILTY CLAY, 0 TO 3 PERCENT SLOPES	61	60	98	6	16	19	55	30	39	60	37	1,208	1.3	1.4
OwB	OTTUMWA-LAKOMA SILTY CLAYS, 3 TO 6 PERCENT SLOPES	58	57	94	5	15	18	52	29	37	57	36	1,149	1.2	1.3
OwC	OTTUMWA-LAKOMA SILTY CLAYS, 6 TO 9 PERCENT SLOPES	44	43	71	4	11	14	40	22	28	44	27	872	0.9	1.0
OxB	OPAL-PROMISE CLAYS, 3 TO 6 PERCENT SLOPES	60	59	97	5	15	19	54	30	38	59	37	1,189	1.3	1.4
Pg	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	69	68	111	6	18	22	62	34	44	68	42	1,367	1.5	1.6
PrB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	67	66	108	6	17	21	60	33	43	66	41	1,327	1.4	1.6
PrC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES	57	56	92	5	15	18	51	28	36	56	35	1,129	1.2	1.3
Ps	PROMISE-CAPA COMPLEX	54	53	87	5	14	17	49	27	34	53	33	1,070	1.1	1.3
ReA	REE LOAM, 0 TO 3 PERCENT SLOPES	82	81	132	7	21	26	74	41	52	81	50	1,624	1.7	1.9
ReB	REE LOAM, 3 TO 6 PERCENT SLOPES	76	75	123	7	20	24	68	38	48	75	47	1,506	1.6	1.8
ReC	REE LOAM, 6 TO 9 PERCENT SLOPES	58	57	94	5	15	18	52	29	37	57	36	1,149	1.2	1.3
Rs	ROCK OUTCROP-SANSARC COMPLEX	2	2	3	0	1	1	2	1	1	2	1	40	0.0	0.0
SaE	SANSARC CLAY, 6 TO 40 PERCENT SLOPES	4	4	6	0	1	1	4	2	3	4	2	79	0.1	0.1
ScD	SANSARC-OPAL CLAYS, 6 TO 15 PERCENT SLOPES	27	27	44	2	7	8	24	13	17	27	17	535	0.6	0.6
ScE	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	5	5	8	0	1	2	4	2	3	5	3	99	0.1	0.1
Sd	SANSARC-ROCK OUTCROP COMPLEX	3	3	5	0	1	1	3	1	2	3	2	59	0.1	0.1
ShE	SCHAMBER GRAVELLY LOAM, 9 TO 40 PERCENT SLOPES	2	2	3	0	1	1	2	1	1	2	1	40	0.0	0.0
SmD	SCHAMBER-MURDO COMPLEX, 6 TO 15 PERCENT SLOPES	8	8	13	1	2	3	7	4	5	8	5	158	0.2	0.2
SmE	SCHAMBER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES	5	5	8	0	1	2	4	2	3	5	3	99	0.1	0.1
Sp	SPILLWAY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
SuC	SULLY SILT LOAM, 3 TO 9 PERCENT SLOPES	38	37	61	3	10	12	34	19	24	38	23	753	0.8	0.9
SuE	SULLY SILT LOAM, 9 TO 25 PERCENT SLOPES	9	9	15	1	2	3	8	4	6	9	6	178	0.2	0.2
SvE	SULLY-SANSARC COMPLEX, 9 TO 25 PERCENT SLOPES	10	10	16	1	3	3	9	5	6	10	6	198	0.2	0.2
Sw	BULLCREEK CLAY	12	12	19	1	3	4	11	6	8	12	7	238	0.3	0.3
Sx	BULLCREEK-SLICKSPOTS COMPLEX	11	11	18	1	3	3	10	5	7	11	7	218	0.2	0.3
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wc	WENDTE CLAY	74	73	119	7	19	23	67	37	47	73	45	1,466	1.6	1.7
Wd	WENDTE CLAY, CHANNELED	32	31	52	3	8	10	29	16	20	32	20	634	0.7	0.7
Wf	ALBATON CLAY, FREQUENTLY FLOODED	43	42	69	4	11	13	39	21	27	43	26	852	0.9	1.0
WsE	WESTOVER LOAM, 15 TO 40 PERCENT SLOPES	21	21	34	2	5	7	19	10	13	21	13	416	0.4	0.5

Stanley County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Wt	WITTEN CLAY	74	73	119	7	19	23	67	37	47	73	45	1,466	1.6	1.7

Sully County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		106	184	7	14	31	70	42	49	73	44	1,897	1.5	1.8
	County Average Crop Soil Map Unit Productivity Index =	80.34													
AaA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	93	123	213	9	17	36	81	48	56	85	51	2,196	1.8	2.0
AaB	AGAR SILT LOAM, 2 TO 5 PERCENT SLOPES	86	113	197	8	15	34	75	45	52	78	47	2,031	1.6	1.9
AaC	AGAR SILT LOAM, 5 TO 9 PERCENT SLOPES	76	100	174	7	14	30	66	39	46	69	42	1,795	1.4	1.7
AdA	AGAR-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	71	94	162	7	13	28	62	37	43	65	39	1,676	1.3	1.5
AeA	AGAR-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	92	121	210	8	17	36	80	48	56	84	50	2,172	1.7	2.0
AeB	AGAR-EAKIN SILT LOAMS, 2 TO 5 PERCENT SLOPES	84	111	192	8	15	33	73	43	51	77	46	1,983	1.6	1.8
AeC	AGAR-EAKIN SILT LOAMS, 5 TO 9 PERCENT SLOPES	74	98	169	7	13	29	65	38	45	67	41	1,747	1.4	1.6
AgA	AGAR-ONITA SILT LOAMS, 0 TO 1 PERCENT SLOPES	94	124	215	9	17	37	82	49	57	86	51	2,220	1.8	2.0
AkA	AGAR-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	85	112	194	8	15	33	74	44	52	78	47	2,007	1.6	1.9
AlA	AKASKA SILT LOAM, 0 TO 2 PERCENT SLOPES	66	87	151	6	12	26	58	34	40	60	36	1,558	1.3	1.4
AlB	AKASKA SILT LOAM, 2 TO 5 PERCENT SLOPES	58	76	133	5	10	23	51	30	35	53	32	1,370	1.1	1.3
BeE	BETTS LOAM, 6 TO 25 PERCENT SLOPES	23	30	53	2	4	9	20	12	14	21	13	543	0.4	0.5
Cd	WENDTE-HERDCAMP COMPLEX, 0 TO 2 PERCENT SLOPES	34	45	78	3	6	13	30	18	21	31	19	803	0.6	0.7
DoF	DUPREE-OPAL CLAYS, 6 TO 34 PERCENT SLOPES	9	12	21	1	2	4	8	5	5	8	5	213	0.2	0.2
Ds	DUPREE-ROCK OUTCROP COMPLEX	2	3	5	0	0	1	2	1	1	2	1	47	0.0	0.0
Du	DURRSTEIN AND EGAS SOILS	7	9	16	1	1	3	6	4	4	6	4	165	0.1	0.2
Eg	EGAS SILTY CLAY	5	7	11	0	1	2	4	3	3	5	3	118	0.1	0.1
Ep	ELPAM SILT LOAM	30	40	69	3	5	12	26	16	18	27	16	708	0.6	0.7
GeE	GETTYS CLAY LOAM, 6 TO 25 PERCENT SLOPES	13	17	30	1	2	5	11	7	8	12	7	307	0.2	0.3
GlA	GLENHAM LOAM, 0 TO 3 PERCENT SLOPES	85	112	194	8	15	33	74	44	52	78	47	2,007	1.6	1.9
GlB	GLENHAM LOAM, 3 TO 6 PERCENT SLOPES	78	103	178	7	14	31	68	40	47	71	43	1,842	1.5	1.7
GlC	GLENHAM LOAM, 6 TO 9 PERCENT SLOPES	64	84	146	6	12	25	56	33	39	58	35	1,511	1.2	1.4
Gp	GRAVEL PITS	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
HcA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	93	123	213	9	17	36	81	48	56	85	51	2,196	1.8	2.0
HdA	HIGHMORE-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	77	101	176	7	14	30	67	40	47	70	42	1,818	1.5	1.7
HeA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	89	117	203	8	16	35	78	46	54	81	49	2,101	1.7	1.9
HeB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 5 PERCENT SLOPES	81	107	185	7	15	32	71	42	49	74	44	1,913	1.5	1.8
HmA	HIGHMORE-WALKE SILT LOAMS, 0 TO 2 PERCENT SLOPES	84	111	192	8	15	33	73	43	51	77	46	1,983	1.6	1.8
Ho	HOVEN SILT LOAM	16	21	37	1	3	6	14	8	10	15	9	378	0.3	0.3
HuA	HURLEY SILT LOAM, 0 TO 5 PERCENT SLOPES	11	14	25	1	2	4	10	6	7	10	6	260	0.2	0.2
JbD	JAVA-BETTS LOAMS, 6 TO 15 PERCENT SLOPES	43	57	98	4	8	17	38	22	26	39	24	1,015	0.8	0.9
JcD	JAVA-BETTS STONY COMPLEX, 3 TO 12 PERCENT SLOPES	33	43	75	3	6	13	29	17	20	30	18	779	0.6	0.7
JgC	JAVA-GLENHAM LOAMS, 3 TO 9 PERCENT SLOPES	63	83	144	6	11	25	55	33	38	57	35	1,488	1.2	1.4
JkA	JERAULD-DEMKY LOAMS, 0 TO 1 PERCENT SLOPES	32	42	73	3	6	13	28	17	19	29	18	756	0.6	0.7
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	90	119	206	8	16	35	79	47	55	82	49	2,125	1.7	2.0
LoB	LOWRY SILT LOAM, 2 TO 5 PERCENT SLOPES	84	111	192	8	15	33	73	43	51	77	46	1,983	1.6	1.8
LoC	LOWRY SILT LOAM, 5 TO 9 PERCENT SLOPES	70	92	160	6	13	27	61	36	42	64	38	1,653	1.3	1.5

Sully County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LoD	LOWRY SILT LOAM, 9 TO 12 PERCENT SLOPES	53	70	121	5	10	21	46	27	32	48	29	1,251	1.0	1.2
Ma	MACKEN SILTY CLAY LOAM	25	33	57	2	4	10	22	13	15	23	14	590	0.5	0.5
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OaA	OAHE LOAM, 0 TO 2 PERCENT SLOPES	58	76	133	5	10	23	51	30	35	53	32	1,370	1.1	1.3
OaB	OAHE LOAM, 2 TO 6 PERCENT SLOPES	49	65	112	5	9	19	43	25	30	45	27	1,157	0.9	1.1
OhA	OAHE-TALMO LOAMS, 0 TO 2 PERCENT SLOPES	48	63	110	4	9	19	42	25	29	44	26	1,133	0.9	1.0
OhB	OAHE-TALMO LOAMS, 2 TO 6 PERCENT SLOPES	38	50	87	3	7	15	33	20	23	35	21	897	0.7	0.8
OkA	OKO CLAY LOAM, 0 TO 3 PERCENT SLOPES	49	65	112	5	9	19	43	25	30	45	27	1,157	0.9	1.1
OkB	OKO CLAY LOAM, 3 TO 6 PERCENT SLOPES	46	61	105	4	8	18	40	24	28	42	25	1,086	0.9	1.0
OkC	OKO CLAY LOAM, 6 TO 9 PERCENT SLOPES	37	49	85	3	7	14	32	19	22	34	20	874	0.7	0.8
OlE	OKO STONY CLAY LOAM, 6 TO 25 PERCENT SLOPES	3	4	7	0	1	1	3	2	2	3	2	71	0.1	0.1
OnA	ONITA SILT LOAM, 0 TO 2 PERCENT SLOPES	91	120	208	8	16	36	79	47	55	83	50	2,149	1.7	2.0
OnB	ONITA SILT LOAM, 2 TO 5 PERCENT SLOPES	88	116	201	8	16	34	77	46	53	80	48	2,078	1.7	1.9
OrA	ONITA-DEGREY SILT LOAMS, 0 TO 2 PERCENT SLOPES	76	100	174	7	14	30	66	39	46	69	42	1,795	1.4	1.7
OsA	ONITA-HOVEN SILT LOAMS, 0 TO 1 PERCENT SLOPES	59	78	135	5	11	23	51	31	36	54	32	1,393	1.1	1.3
OtB	OPAL CLAY, 2 TO 6 PERCENT SLOPES	57	75	130	5	10	22	50	30	35	52	31	1,346	1.1	1.2
OtC	OPAL CLAY, 6 TO 9 PERCENT SLOPES	51	67	117	5	9	20	44	26	31	47	28	1,204	1.0	1.1
OuD	OPAL-DUPREE CLAYS, 6 TO 21 PERCENT SLOPES	10	13	23	1	2	4	9	5	6	9	5	236	0.2	0.2
PrA	PROMISE SILTY CLAY, 0 TO 2 PERCENT SLOPES	68	90	155	6	12	27	59	35	41	62	37	1,606	1.3	1.5
PrB	PROMISE SILTY CLAY, 2 TO 5 PERCENT SLOPES	65	86	149	6	12	25	57	34	39	59	36	1,535	1.2	1.4
RcA	RABER-CAVO LOAMS, 0 TO 2 PERCENT SLOPES	60	79	137	6	11	23	52	31	36	55	33	1,417	1.1	1.3
RcB	RABER-CAVO LOAMS, 2 TO 5 PERCENT SLOPES	54	71	123	5	10	21	47	28	33	49	30	1,275	1.0	1.2
RdA	RABER-DEMKY LOAMS, 0 TO 2 PERCENT SLOPES	75	99	171	7	13	29	65	39	46	68	41	1,771	1.4	1.6
RdB	RABER-DEMKY LOAMS, 2 TO 5 PERCENT SLOPES	66	87	151	6	12	26	58	34	40	60	36	1,558	1.3	1.4
RgB	RABER AND GLENHAM LOAMS, 3 TO 6 PERCENT SLOPES	74	98	169	7	13	29	65	38	45	67	41	1,747	1.4	1.6
RgC	RABER AND GLENHAM LOAMS, 6 TO 9 PERCENT SLOPES	60	79	137	6	11	23	52	31	36	55	33	1,417	1.1	1.3
RhA	RABER-HIGHMORE SILT LOAMS, 0 TO 3 PERCENT SLOPES	83	109	190	8	15	32	72	43	50	76	45	1,960	1.6	1.8
RhC	RABER-HIGHMORE SILT LOAMS, 5 TO 9 PERCENT SLOPES	62	82	142	6	11	24	54	32	38	57	34	1,464	1.2	1.4
RpB	RABER-PENO LOAMS, 3 TO 6 PERCENT SLOPES	65	86	149	6	12	25	57	34	39	59	36	1,535	1.2	1.4
RpC	RABER-PENO LOAMS, 6 TO 9 PERCENT SLOPES	48	63	110	4	9	19	42	25	29	44	26	1,133	0.9	1.0
RrA	REE LOAM, 0 TO 2 PERCENT SLOPES	85	112	194	8	15	33	74	44	52	78	47	2,007	1.6	1.9
RrB	REE LOAM, 2 TO 5 PERCENT SLOPES	80	105	183	7	14	31	70	41	49	73	44	1,889	1.5	1.7
Rt	REE AND DURRSTEIN SOILS	54	71	123	5	10	21	47	28	33	49	30	1,275	1.0	1.2
Ru	BETTS-GETTYS COMPLEX, STONY	1	1	2	0	0	0	1	1	1	1	1	24	0.0	0.0
Sa	EGAS-SLICKSPOTS COMPLEX	4	5	9	0	1	2	3	2	2	4	2	94	0.1	0.1
St	ROCK OUTCROP-DUPREE COMPLEX	2	3	5	0	0	1	2	1	1	2	1	47	0.0	0.0
SuE	SULLY SILT LOAM, 12 TO 25 PERCENT SLOPES	12	16	27	1	2	5	10	6	7	11	7	283	0.2	0.3
SwD	SULLY-LOWRY SILT LOAMS, 3 TO 12 PERCENT SLOPES	36	47	82	3	6	14	31	19	22	33	20	850	0.7	0.8
TaE	TALMO GRAVELLY LOAM, 9 TO 25 PERCENT SLOPES	9	12	21	1	2	4	8	5	5	8	5	213	0.2	0.2
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Todd County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		67	170	10	15	34	57	27	40	53	44	1,471	1.2	1.4
	County Average Crop Soil Map Unit Productivity Index =	51.78													
AlA	ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	58	75	190	11	16	38	64	31	45	59	49	1,648	1.4	1.6
AlB	ALTVAN LOAM, 2 TO 5 PERCENT SLOPES	51	66	167	10	14	33	56	27	39	52	43	1,449	1.2	1.4
AnB	ANSELMO FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	52	67	170	10	15	34	57	27	40	53	44	1,477	1.2	1.4
AnC	ANSELMO FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	43	56	141	8	12	28	47	23	33	44	36	1,222	1.0	1.2
ApC	ANSELMO-DUDA COMPLEX, 2 TO 9 PERCENT SLOPES	43	56	141	8	12	28	47	23	33	44	36	1,222	1.0	1.2
ArC	ANSELMO-RONSON FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	32	42	105	6	9	21	35	17	25	33	27	909	0.8	0.9
AtE	ANSELMO-LONGPINE FINE SANDY LOAMS, 9 TO 21 PERCENT SLOPES	23	30	75	4	6	15	25	12	18	23	19	653	0.5	0.6
AuE	ANSELMO-TUTHILL FINE SANDY LOAMS, 9 TO 21 PERCENT SLOPES	30	39	98	6	8	20	33	16	23	31	25	852	0.7	0.8
AvA	ANSELMO-VETAL FINE SANDY LOAMS, 0 TO 2 PERCENT SLOPES	61	79	200	12	17	40	67	32	47	62	52	1,733	1.5	1.7
AvB	ANSELMO-VETAL FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	57	74	187	11	16	37	63	30	44	58	48	1,619	1.4	1.6
BsD	BOYD-SANSARC CLAYS, 6 TO 19 PERCENT SLOPES	38	49	124	7	11	25	42	20	29	39	32	1,080	0.9	1.1
CaA	CHAPPELL-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	58	75	190	11	16	38	64	31	45	59	49	1,648	1.4	1.6
CaB	CHAPPELL-ANSELMO FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	45	58	147	9	13	29	49	24	35	46	38	1,278	1.1	1.2
DcC	DIX-CHAPPELL FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	28	36	92	5	8	18	31	15	22	29	24	795	0.7	0.8
DfA	DOGER LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	37	48	121	7	10	24	41	19	29	38	31	1,051	0.9	1.0
DgB	DOGER-DUNDAY LOAMY FINE SANDS, 3 TO 6 PERCENT SLOPES	37	48	121	7	10	24	41	19	29	38	31	1,051	0.9	1.0
DlB	DUDA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	55	71	180	11	16	36	60	29	42	56	46	1,563	1.3	1.5
DsA	DUNDAY LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	48	62	157	9	14	31	53	25	37	49	41	1,364	1.1	1.3
DuA	DUNDAY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	48	62	157	9	14	31	53	25	37	49	41	1,364	1.1	1.3
ElA	ELSMERE LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	63	82	206	12	18	41	69	33	49	64	53	1,790	1.5	1.7
EpF	EPPING-KEOTA SILT LOAMS, 15 TO 60 PERCENT SLOPES	12	16	39	2	3	8	13	6	9	12	10	341	0.3	0.3
Ge	GANNETT SANDY LOAM	7	9	23	1	2	5	8	4	5	7	6	199	0.2	0.2
Gh	GOSHEN SILT LOAM	98	127	321	19	28	64	107	52	76	100	83	2,784	2.3	2.7
Gr	SCHAMBER-DIX COMPLEX, 9 TO 25 PERCENT SLOPES	14	18	46	3	4	9	15	7	11	14	12	398	0.3	0.4
HfA	HOLT FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	56	73	183	11	16	36	61	29	43	57	47	1,591	1.3	1.6
HlC	HOLT-VETAL FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	41	53	134	8	12	27	45	22	32	42	35	1,165	1.0	1.1
HmA	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	12	16	39	2	3	8	13	6	9	12	10	341	0.3	0.3
HnA	JERAULD SILT LOAM, 0 TO 5 PERCENT SLOPES	13	17	43	2	4	8	14	7	10	13	11	369	0.3	0.4
Ho	HOVEN SILT LOAM, PONDED, 0 TO 1 PERCENT SLOPES	11	14	36	2	3	7	12	6	8	11	9	313	0.3	0.3
HuA	HUGGINS SILT LOAM, 0 TO 2 PERCENT SLOPES	75	97	246	14	21	49	82	39	58	76	63	2,131	1.8	2.1
HwB	HUGGINS-KADOKA SILT LOAMS, 2 TO 9 PERCENT SLOPES	60	78	196	11	17	39	66	32	46	61	51	1,705	1.4	1.7
In	INAVALE LOAMY FINE SAND	41	53	134	8	12	27	45	22	32	42	35	1,165	1.0	1.1
Iw	INAVALE-BIGWINDER, CHANNELED, COMPLEX	30	39	98	6	8	20	33	16	23	31	25	852	0.7	0.8
KaA	KADOKA SILT LOAM, 0 TO 2 PERCENT SLOPES	89	115	291	17	25	58	98	47	69	91	75	2,529	2.1	2.5
KbC	KADOKA-EPPING SILT LOAMS, 5 TO 9 PERCENT SLOPES	60	78	196	11	17	39	66	32	46	61	51	1,705	1.4	1.7
KdB	KADOKA-HUGGINS SILT LOAMS, 2 TO 5 PERCENT SLOPES	80	104	262	15	23	52	88	42	62	82	68	2,273	1.9	2.2
KdC	KADOKA-HUGGINS SILT LOAMS, 5 TO 9 PERCENT SLOPES	69	90	226	13	19	45	76	36	53	70	58	1,960	1.6	1.9

Todd County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
KeA	KEITH SILT LOAM, 0 TO 2 PERCENT SLOPES	92	119	301	18	26	60	101	48	71	94	78	2,614	2.2	2.5
KeC	KEITH SILT LOAM, 2 TO 9 PERCENT SLOPES	72	93	236	14	20	47	79	38	56	73	61	2,046	1.7	2.0
KgD	KEITH-EPPING SILT LOAMS, 9 TO 15 PERCENT SLOPES	48	62	157	9	14	31	53	25	37	49	41	1,364	1.1	1.3
KhE	KEOTA-EPPING SILT LOAMS, 9 TO 21 PERCENT SLOPES	22	29	72	4	6	14	24	12	17	22	19	625	0.5	0.6
KkD	KEOTA-KADOKA SILT LOAMS, 9 TO 15 PERCENT SLOPES	35	45	115	7	10	23	38	18	27	36	30	994	0.8	1.0
KrF	KEOTA-ROCK OUTCROP COMPLEX, 16 TO 40 PERCENT SLOPES	13	17	43	2	4	8	14	7	10	13	11	369	0.3	0.4
Ky	KEYA SILT LOAM	92	119	301	18	26	60	101	48	71	94	78	2,614	2.2	2.5
La	FLUVENTS, LOAMY	30	39	98	6	8	20	33	16	23	31	25	852	0.7	0.8
Le	LOUP-ELSMERE LOAMY FINE SANDS	38	49	124	7	11	25	42	20	29	39	32	1,080	0.9	1.1
MaD	MCKELVIE LOAMY FINE SAND, 6 TO 25 PERCENT SLOPES	2	3	7	0	1	1	2	1	2	2	2	57	0.0	0.1
MaF	MCKELVIE-PEJI COMPLEX, 15 TO 60 PERCENT SLOPES	2	3	7	0	1	1	2	1	2	2	2	57	0.0	0.1
MaG	MCKELVIE-PEJI COMPLEX, 40 TO 80 PERCENT SLOPES	1	1	3	0	0	1	1	1	1	1	1	28	0.0	0.0
MaHG	MCKELVIE-PEJI-BLULA COMPLEX, 25 TO 80 PERCENT SLOPES	6	8	20	1	2	4	7	3	5	6	5	170	0.1	0.2
MbA	MILLBORO SILTY CLAY, 0 TO 2 PERCENT SLOPES	86	112	282	16	24	56	94	45	66	88	73	2,443	2.1	2.4
MbB	MILLBORO SILTY CLAY, 2 TO 5 PERCENT SLOPES	81	105	265	15	23	53	89	43	63	83	68	2,301	1.9	2.2
MbC	MILLBORO SILTY CLAY, 5 TO 9 PERCENT SLOPES	64	83	210	12	18	42	70	34	49	65	54	1,818	1.5	1.8
MhA	MOSHER SILT LOAM, 0 TO 4 PERCENT SLOPES	24	31	79	5	7	16	26	13	19	24	20	682	0.6	0.7
MmA	MOSHER-MINATARE SILT LOAMS, 0 TO 4 PERCENT SLOPES	22	29	72	4	6	14	24	12	17	22	19	625	0.5	0.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OkC	OKREEK SILTY CLAY, 5 TO 9 PERCENT SLOPES	25	32	82	5	7	16	27	13	19	25	21	710	0.6	0.7
OoE	OKREEK-ORELLA COMPLEX, 6 TO 21 PERCENT SLOPES	6	8	20	1	2	4	7	3	5	6	5	170	0.1	0.2
OrF	ORELLA-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	7	9	23	1	2	5	8	4	5	7	6	199	0.2	0.2
RcE	ROSEBUD AND CANYON SOILS, 9 TO 21 PERCENT SLOPES	35	45	115	7	10	23	38	18	27	36	30	994	0.8	1.0
RdA	RICHFIELD-DAWES SILT LOAMS, 0 TO 2 PERCENT SLOPES	67	87	219	13	19	44	73	35	52	68	57	1,904	1.6	1.9
RhB	RICHFIELD-TUTHILL SILT LOAMS, 2 TO 9 PERCENT SLOPES	51	66	167	10	14	33	56	27	39	52	43	1,449	1.2	1.4
RnA	RONSON-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	46	60	151	9	13	30	50	24	36	47	39	1,307	1.1	1.3
RnB	RONSON-ANSELMO FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	38	49	124	7	11	25	42	20	29	39	32	1,080	0.9	1.1
Ru	PEJI-MCKELVIE COMPLEX, 6 TO 80 PERCENT SLOPES	8	10	26	2	2	5	9	4	6	8	7	227	0.2	0.2
Sa	ELS, CALCAREOUS-SELIA COMPLEX, 0 TO 1 PERCENT SLOPES	24	31	79	5	7	16	26	13	19	24	20	682	0.6	0.7
SbE	SANSARC-BOYD CLAYS, 19 TO 30 PERCENT SLOPES	8	10	26	2	2	5	9	4	6	8	7	227	0.2	0.2
Sd	YOCKEY-BIGWINDER COMPLEX, CHANNELED	32	42	105	6	9	21	35	17	25	33	27	909	0.8	0.9
SnC	SHENA SILT LOAM, 0 TO 9 PERCENT SLOPES	34	44	111	6	10	22	37	18	26	35	29	966	0.8	0.9
TcF	LONGPINE-ROCK OUTCROP COMPLEX, 25 TO 40 PERCENT SLOPES	11	14	36	2	3	7	12	6	8	11	9	313	0.3	0.3
TfE	LONGPINE-RONSON FINE SANDY LOAMS, 3 TO 30 PERCENT SLOPES	12	16	39	2	3	8	13	6	9	12	10	341	0.3	0.3
ThA	TUTHILL SILT LOAM, 0 TO 3 PERCENT SLOPES	55	71	180	11	16	36	60	29	42	56	46	1,563	1.3	1.5
ThB	TUTHILL SILT LOAM, 3 TO 5 PERCENT SLOPES	49	64	160	9	14	32	54	26	38	50	41	1,392	1.2	1.4
ThC	TUTHILL SILT LOAM, 5 TO 9 PERCENT SLOPES	41	53	134	8	12	27	45	22	32	42	35	1,165	1.0	1.1
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	44	57	144	8	12	29	48	23	34	45	37	1,250	1.1	1.2
TtC	TUTHILL-LONGPINE FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	42	54	137	8	12	27	46	22	32	43	35	1,193	1.0	1.2
TvA	TUTHILL-VETAL FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	57	74	187	11	16	37	63	30	44	58	48	1,619	1.4	1.6

Todd County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
TwA	TUTHILL-WORTMAN FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	52	67	170	10	15	34	57	27	40	53	44	1,477	1.2	1.4
VaE	VALENTINE FINE SAND, 5 TO 30 PERCENT SLOPES	4	5	13	1	1	3	4	2	3	4	3	114	0.1	0.1
VdC	VALENTINE-DUNDAY COMPLEX, 3 TO 9 PERCENT SLOPES	28	36	92	5	8	18	31	15	22	29	24	795	0.7	0.8
VsE	VALENTINE-TASSEL COMPLEX, 5 TO 30 PERCENT SLOPES	9	12	29	2	3	6	10	5	7	9	8	256	0.2	0.2
Vt	VETAL FINE SANDY LOAM	67	87	219	13	19	44	73	35	52	68	57	1,904	1.6	1.9
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WbA	WANBLEE-WORTMAN SILT LOAMS, 0 TO 6 PERCENT SLOPES	29	38	95	6	8	19	32	15	22	30	25	824	0.7	0.8
Wd	WANN SANDY LOAM	50	65	164	10	14	33	55	26	39	51	42	1,421	1.2	1.4
We	WANN LOAM, DEPRESSIONAL	50	65	164	10	14	33	55	26	39	51	42	1,421	1.2	1.4
WhA	WHITELAKE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	45	58	147	9	13	29	49	24	35	46	38	1,278	1.1	1.2
WoA	WORTMAN FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	46	60	151	9	13	30	50	24	36	47	39	1,307	1.1	1.3
WrA	WORTMAN SILT LOAM, 0 TO 6 PERCENT SLOPES	40	52	131	8	11	26	44	21	31	41	34	1,136	1.0	1.1

Tripp County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	*SoilDescription*	*Prod Index*	*Corn - Grain*		*Corn Silage*		*Soy-beans*	*Grain Sorghum*	*Spring Wheat*	*Winter Wheat*	*Oats*	*Barley*	*Sun flowers*	*Hay*	*Alfalfa*
			Dry	*Irr*	*Dry*	*Irr*									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		78	138	7	10	30	57	30	46	71	45	1,480	1.5	2.1
	County Average Crop Soil Map Unit Productivity Index =	62.31													
AaB2	ANSELMO LOAMY FINE SAND, 0 TO 9 PERCENT SLOPES, ERODED	47	59	104	5	7	23	43	23	35	54	34	1,116	1.1	1.6
AbB	ANSELMO FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	53	66	117	6	8	26	48	25	39	61	38	1,259	1.3	1.8
AbC	ANSELMO FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	45	56	100	5	7	22	41	22	33	51	33	1,069	1.1	1.5
AbD	ANSELMO FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	29	36	64	3	5	14	26	14	21	33	21	689	0.7	1.0
AhC	ANSELMO-HOLT FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	50	62	111	5	8	24	46	24	37	57	36	1,187	1.2	1.7
AtD	ANSELMO-LONGPINE FINE SANDY LOAMS, 10 TO 20 PERCENT SLOPES	27	34	60	3	4	13	25	13	20	31	20	641	0.6	0.9
AvA	ANSELMO-VETAL FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	60	75	133	6	9	29	55	29	44	69	44	1,425	1.4	2.0
Ba	BIGBEND-INAVALE COMPLEX	65	81	144	7	10	32	59	31	48	74	47	1,544	1.5	2.2
BmC	BORO-MILLBORO SILTY CLAYS, 5 TO 9 PERCENT SLOPES	56	70	124	6	9	27	51	27	41	64	41	1,330	1.3	1.9
BnC	BOYD CLAY, 5 TO 9 PERCENT SLOPES	49	61	109	5	8	24	45	24	36	56	36	1,164	1.2	1.6
BOD	BOYD-OKATON ASSOCIATION, 9 TO 25 PERCENT SLOPES	16	20	35	2	2	8	15	8	12	18	12	380	0.4	0.5
Bp	BRIDGEPORT COMPLEX	78	97	173	8	12	38	71	37	58	89	57	1,852	1.9	2.6
Bt	BRIDGEPORT COMPLEX, CHANNELED	34	42	75	4	5	17	31	16	25	39	25	807	0.8	1.1
CaB	CANNING LOAM, 2 TO 5 PERCENT SLOPES	50	62	111	5	8	24	46	24	37	57	36	1,187	1.2	1.7
CbD	CANNING-MURDO LOAMS, 6 TO 15 PERCENT SLOPES	31	39	69	3	5	15	28	15	23	35	23	736	0.7	1.0
Cc	CARTER SILTY CLAY LOAM	40	50	89	4	6	20	36	19	30	46	29	950	1.0	1.3
Cd	CASS FINE SANDY LOAM	66	82	146	7	10	32	60	32	49	75	48	1,567	1.6	2.2
ChA	CHAPPELL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	57	71	126	6	9	28	52	27	42	65	41	1,354	1.4	1.9
CnC	CHAPPELL-DIX FINE SANDY LOAMS, 6 TO 9 PERCENT SLOPES	32	40	71	3	5	16	29	15	24	37	23	760	0.8	1.1
DaA	DIX FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	24	30	53	3	4	12	22	12	18	27	17	570	0.6	0.8
DbD	DIX SOILS, 9 TO 18 PERCENT SLOPES	11	14	24	1	2	5	10	5	8	13	8	261	0.3	0.4
DgB	DOGER LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	32	40	71	3	5	16	29	15	24	37	23	760	0.8	1.1
DmA	DOGER-ELSMERE COMPLEX, 0 TO 3 PERCENT SLOPES	48	60	106	5	7	23	44	23	35	55	35	1,140	1.1	1.6
DnC2	DUNDAY LOAMY FINE SAND, 3 TO 9 PERCENT SLOPES, ERODED	34	42	75	4	5	17	31	16	25	39	25	807	0.8	1.1
DuC	DUNDAY-DOGER LOAMY FINE SANDS, 3 TO 9 PERCENT SLOPES	33	41	73	4	5	16	30	16	24	38	24	784	0.8	1.1
Em	ELSMERE FINE SANDY LOAM	65	81	144	7	10	32	59	31	48	74	47	1,544	1.5	2.2
EpE	EPPING SOILS, 12 TO 25 PERCENT SLOPES	14	17	31	2	2	7	13	7	10	16	10	332	0.3	0.5
Er	ERD CLAY	68	85	151	7	11	33	62	33	50	78	49	1,615	1.6	2.3
Es	ERD-CAPA COMPLEX	52	65	115	6	8	25	47	25	38	59	38	1,235	1.2	1.7
Gp	GRAVEL PIT	1	1	2	0	0	0	1	0	1	1	1	24	0.0	0.0
Ha	BIGBEND SOILS	81	101	180	9	13	40	74	39	60	93	59	1,923	1.9	2.7
HbA	HOLT-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	58	72	129	6	9	28	53	28	43	66	42	1,377	1.4	1.9
HgA	HUGGINS SILT LOAM, 0 TO 3 PERCENT SLOPES	71	88	157	8	11	35	65	34	52	81	52	1,686	1.7	2.4
HkB	HUGGINS-KADOKA SILT LOAMS, 3 TO 9 PERCENT SLOPES	63	78	140	7	10	31	57	30	47	72	46	1,496	1.5	2.1
Hr	HURLEY SILT LOAM	17	21	38	2	3	8	15	8	13	19	12	404	0.4	0.6
Ia	INAVALE LOAMY FINE SAND	41	51	91	4	6	20	37	20	30	47	30	974	1.0	1.4
Ic	INAVALE COMPLEX, CHANNELED	34	42	75	4	5	17	31	16	25	39	25	807	0.8	1.1

Tripp County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
KaA	KADOKA SILT LOAM, 0 TO 3 PERCENT SLOPES	87	108	193	9	14	42	79	42	64	99	63	2,066	2.1	2.9
KbD	KADOKA-EPPING SILT LOAMS, 6 TO 12 PERCENT SLOPES	44	55	98	5	7	21	40	21	32	50	32	1,045	1.0	1.5
Ke	KEYA SILT LOAM	93	116	206	10	15	45	85	45	69	106	68	2,208	2.2	3.1
Ko	KOLLS CLAY	29	36	64	3	5	14	26	14	21	33	21	689	0.7	1.0
LkC	LAKOMA-MILLBORO SILTY CLAYS, 5 TO 9 PERCENT SLOPES	55	68	122	6	9	27	50	26	41	63	40	1,306	1.3	1.8
LoD	LAKOMA-OKATON SILTY CLAYS, 9 TO 15 PERCENT SLOPES	30	37	67	3	5	15	27	14	22	34	22	712	0.7	1.0
LwA	LOWRY SILT LOAM, 0 TO 4 PERCENT SLOPES	89	111	197	10	14	43	81	43	66	102	65	2,113	2.1	3.0
MaA	MANTER FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	59	73	131	6	9	29	54	28	44	67	43	1,401	1.4	2.0
MaB	MANTER FINE SANDY LOAM, 3 TO 9 PERCENT SLOPES	52	65	115	6	8	25	47	25	38	59	38	1,235	1.2	1.7
MfE	MANTER-ANSELMO FINE SANDY LOAMS, 15 TO 30 PERCENT SLOPES	19	24	42	2	3	9	17	9	14	22	14	451	0.5	0.6
Mh	MARSH	6	7	13	1	1	3	5	3	4	7	4	142	0.1	0.2
MoA	MILLBORO SILTY CLAY, 0 TO 3 PERCENT SLOPES	84	105	186	9	13	41	77	40	62	96	61	1,995	2.0	2.8
MoB	MILLBORO SILTY CLAY, 3 TO 6 PERCENT SLOPES	77	96	171	8	12	38	70	37	57	88	56	1,829	1.8	2.6
MoC	MILLBORO SILTY CLAY, 6 TO 9 PERCENT SLOPES	63	78	140	7	10	31	57	30	47	72	46	1,496	1.5	2.1
Mr	MOSHER SILT LOAM	38	47	84	4	6	19	35	18	28	43	28	902	0.9	1.3
Ms	MOSHER-JERAULD SILT LOAMS	30	37	67	3	5	15	27	14	22	34	22	712	0.7	1.0
Mu	MUNJOR FINE SANDY LOAM	43	54	95	5	7	21	39	21	32	49	31	1,021	1.0	1.4
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OAF	OKATON ASSOCIATION, 25 TO 40 PERCENT SLOPES	9	11	20	1	1	4	8	4	7	10	7	214	0.2	0.3
OBE	OKATON-LAKOMA ASSOCIATION, 15 TO 40 PERCENT SLOPES	11	14	24	1	2	5	10	5	8	13	8	261	0.3	0.4
OcF	OKATON-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	4	5	9	0	1	2	4	2	3	5	3	95	0.1	0.1
On	ONITA SILT LOAM	95	118	211	10	15	46	87	46	70	109	69	2,256	2.3	3.2
Oo	ONITA-MOSHER SILT LOAMS	76	95	168	8	12	37	69	36	56	87	55	1,805	1.8	2.5
OpC	OPAL CLAY, 3 TO 9 PERCENT SLOPES	51	64	113	5	8	25	46	24	38	58	37	1,211	1.2	1.7
OsE	OPAL-SANSARC CLAYS, 9 TO 25 PERCENT SLOPES	9	11	20	1	1	4	8	4	7	10	7	214	0.2	0.3
Ow	ORWET LOAM	56	70	124	6	9	27	51	27	41	64	41	1,330	1.3	1.9
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	73	91	162	8	11	36	67	35	54	83	53	1,734	1.7	2.4
PrB	PROMISE CLAY, 3 TO 6 PERCENT SLOPES	70	87	155	8	11	34	64	34	52	80	51	1,662	1.7	2.3
PrC	PROMISE CLAY, 6 TO 9 PERCENT SLOPES	59	73	131	6	9	29	54	28	44	67	43	1,401	1.4	2.0
PsA	WENDTE CLAY, CHANNELED, 0 TO 2 PERCENT SLOPES	34	42	75	4	5	17	31	16	25	39	25	807	0.8	1.1
PtA	HILMOE CLAY, 0 TO 2 PERCENT SLOPES	72	90	160	8	11	35	66	35	53	82	52	1,710	1.7	2.4
Q	QUARRY, 0 TO 60 PERCENT SLOPES	1	1	2	0	0	0	1	0	1	1	1	24	0.0	0.0
RaA	REE LOAM, 0 TO 3 PERCENT SLOPES	82	102	182	9	13	40	75	39	61	94	60	1,947	2.0	2.7
RaB	REE LOAM, 3 TO 6 PERCENT SLOPES	79	98	175	8	12	39	72	38	58	90	57	1,876	1.9	2.6
RaC	REE LOAM, 6 TO 9 PERCENT SLOPES	63	78	140	7	10	31	57	30	47	72	46	1,496	1.5	2.1
RaD	REE LOAM, 9 TO 15 PERCENT SLOPES	41	51	91	4	6	20	37	20	30	47	30	974	1.0	1.4
ReA	RELIANCE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	85	106	188	9	13	41	77	41	63	97	62	2,018	2.0	2.8
ReB	RELIANCE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	79	98	175	8	12	39	72	38	58	90	57	1,876	1.9	2.6
ReC	RELIANCE SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	66	82	146	7	10	32	60	32	49	75	48	1,567	1.6	2.2
ReC2	RELIANCE SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES, ERODED	64	80	142	7	10	31	58	31	47	73	46	1,520	1.5	2.1

Tripp County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
RfA	RONSON FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	32	40	71	3	5	16	29	15	24	37	23	760	0.8	1.1
RoB	RONSON-LONGPINE FINE SANDY LOAMS, 0 TO 6 PERCENT SLOPES	36	45	80	4	6	18	33	17	27	41	26	855	0.9	1.2
RsB	ROSEBUD LOAM, 3 TO 6 PERCENT SLOPES	78	97	173	8	12	38	71	37	58	89	57	1,852	1.9	2.6
RuC	ROSEBUD-CANYON LOAMS, 6 TO 9 PERCENT SLOPES	58	72	129	6	9	28	53	28	43	66	42	1,377	1.4	1.9
RuD	ROSEBUD-CANYON LOAMS, 9 TO 15 PERCENT SLOPES	35	44	78	4	5	17	32	17	26	40	25	831	0.8	1.2
SAE	SANSARC-OPAL ASSOCIATION, 15 TO 40 PERCENT SLOPES	5	6	11	1	1	2	5	2	4	6	4	119	0.1	0.2
ScF	SANSARC-SHALE OUTCROP COMPLEX, 25 TO 40 PERCENT SLOPES	3	4	7	0	0	1	3	1	2	3	2	71	0.1	0.1
ShE	SCHAMBER-MURDO COMPLEX, 15 TO 40 PERCENT SLOPES	6	7	13	1	1	3	5	3	4	7	4	142	0.1	0.2
So	SCOTT SILT LOAM	52	65	115	6	8	25	47	25	38	59	38	1,235	1.2	1.7
SsB	SHENA SILT LOAM, 0 TO 9 PERCENT SLOPES	17	21	38	2	3	8	15	8	13	19	12	404	0.4	0.6
Sw	BULLCREEK CLAY	12	15	27	1	2	6	11	6	9	14	9	285	0.3	0.4
TaE	LONGPINE FINE SANDY LOAM, 9 TO 40 PERCENT SLOPES	7	9	16	1	1	3	6	3	5	8	5	166	0.2	0.2
TrF	LONGPINE-ROCK OUTCROP COMPLEX, 15 TO 40 PERCENT SLOPES	6	7	13	1	1	3	5	3	4	7	4	142	0.1	0.2
VaD	VALENTINE FINE SAND, 6 TO 15 PERCENT SLOPES	8	10	18	1	1	4	7	4	6	9	6	190	0.2	0.3
VdC	VALENTINE-DUNDAY COMPLEX, 3 TO 9 PERCENT SLOPES	24	30	53	3	4	12	22	12	18	27	17	570	0.6	0.8
VnD	VALENTINE-LONGPINE COMPLEX, 6 TO 15 PERCENT SLOPES	12	15	27	1	2	6	11	6	9	14	9	285	0.3	0.4
Vt	VETAL FINE SANDY LOAM	63	78	140	7	10	31	57	30	47	72	46	1,496	1.5	2.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WANBLEE-WORTMAN SILT LOAMS	29	36	64	3	5	14	26	14	21	33	21	689	0.7	1.0
Wb	WANN FINE SANDY LOAM	50	62	111	5	8	24	46	24	37	57	36	1,187	1.2	1.7
WeE	WESTOVER LOAM, 9 TO 25 PERCENT SLOPES	20	25	44	2	3	10	18	10	15	23	15	475	0.5	0.7
WfA	WEWELA LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	40	50	89	4	6	20	36	19	30	46	29	950	1.0	1.3
WgA	WEWELA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	42	52	93	5	7	20	38	20	31	48	31	997	1.0	1.4
WgB	WEWELA FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	38	47	84	4	6	19	35	18	28	43	28	902	0.9	1.3
Wh	WHITELAKE FINE SANDY LOAM	44	55	98	5	7	21	40	21	32	50	32	1,045	1.0	1.5
Wk	WHITELAKE-LUTE FINE SANDY LOAMS	40	50	89	4	6	20	36	19	30	46	29	950	1.0	1.3
Wn	WITTEN SILTY CLAY	77	96	171	8	12	38	70	37	57	88	56	1,829	1.8	2.6
Wo	WORTMAN SILT LOAM	39	49	86	4	6	19	36	19	29	45	28	926	0.9	1.3

Turner County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		135	167	12	12	39	87	45	68	74	59	1,906	1.9	3.6
	County Average Crop Soil Map Unit Productivity Index =	77.57													
Ac	ALCESTER SILT LOAM	96	167	206	15	15	48	108	56	84	92	73	2,359	2.4	4.4
Ar	ARLO CLAY LOAM	46	80	99	7	7	23	52	27	40	44	35	1,130	1.1	2.1
Ba	BALTIC SILTY CLAY LOAM	37	64	79	6	6	18	42	21	33	35	28	909	0.9	1.7
Bb	BALTIC SILTY CLAY LOAM, PONDED	10	17	21	2	2	5	11	6	9	10	8	246	0.2	0.5
BeE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	11	19	24	2	2	5	12	6	10	10	8	270	0.3	0.5
BhE	BETTS-TALMO COMPLEX, 12 TO 40 PERCENT SLOPES	11	19	24	2	2	5	12	6	10	10	8	270	0.3	0.5
BkA	BLENDON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	68	118	146	11	11	34	77	39	60	65	52	1,671	1.7	3.1
BmB	BLENDON-HENKIN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	60	104	129	9	10	30	68	35	53	57	46	1,474	1.5	2.8
Ca	CHANCELLOR SILTY CLAY LOAM	80	139	172	12	13	40	90	46	70	76	61	1,966	2.0	3.7
Cc	CHASKA LOAM, CHANNELED	35	61	75	5	6	17	39	20	31	33	27	860	0.9	1.6
Cd	CLAMO SILTY CLAY	62	108	133	10	10	31	70	36	55	59	47	1,524	1.5	2.9
Ce	CLAMO CLAY, GRAVELLY SUBSTRATUM	61	106	131	10	10	30	69	35	54	58	46	1,499	1.5	2.8
ChA	CLARNO-BONILLA LOAMS, 0 TO 2 PERCENT SLOPES	88	153	189	14	14	44	99	51	77	84	67	2,163	2.2	4.1
ChB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	83	144	178	13	13	41	94	48	73	79	63	2,040	2.0	3.8
CkA	CLARNO-CROSSPLAIN-DAVISON COMPLEX, 0 TO 3 PERCENT SLOPES	82	142	176	13	13	41	92	47	72	78	62	2,015	2.0	3.8
CmB	CLARNO-DAVISON LOAMS, 2 TO 5 PERCENT SLOPES	78	135	167	12	12	39	88	45	69	74	59	1,917	1.9	3.6
CoB	CLARNO-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	76	132	163	12	12	38	86	44	67	72	58	1,868	1.9	3.5
CoC	CLARNO-ETHAN LOAMS, 5 TO 9 PERCENT SLOPES	60	104	129	9	10	30	68	35	53	57	46	1,474	1.5	2.8
Cr	CROSSPLAIN CLAY LOAM	78	135	167	12	12	39	88	45	69	74	59	1,917	1.9	3.6
DaA	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	89	154	191	14	14	44	100	52	78	85	68	2,187	2.2	4.1
DaB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	81	141	174	13	13	40	91	47	71	77	62	1,991	2.0	3.8
DbA	DAVIS LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	66	114	142	10	11	33	74	38	58	63	50	1,622	1.6	3.1
DeA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	49	85	105	8	8	24	55	28	43	47	37	1,204	1.2	2.3
DeB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	45	78	97	7	7	22	51	26	40	43	34	1,106	1.1	2.1
DgB	DEMPSTER-GRACEVILLE SILTY CLAY LOAMS, 1 TO 5 PERCENT SLOPES	64	111	137	10	10	32	72	37	56	61	49	1,573	1.6	3.0
Do	DIMO CLAY LOAM	72	125	155	11	11	36	81	42	63	69	55	1,769	1.8	3.3
EeA	EGAN-ETHAN COMPLEX, 0 TO 2 PERCENT SLOPES	87	151	187	14	14	43	98	50	77	83	66	2,138	2.1	4.0
EeB	EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	77	134	165	12	12	38	87	45	68	73	59	1,892	1.9	3.6
EfA	EGAN-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	92	160	198	14	15	46	104	53	81	88	70	2,261	2.3	4.3
EgB	EGAN-WENTWORTH SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	85	147	183	13	14	42	96	49	75	81	65	2,089	2.1	3.9
EnA	ENET LOAM, 0 TO 2 PERCENT SLOPES	61	106	131	10	10	30	69	35	54	58	46	1,499	1.5	2.8
EsD	ETHAN-BETTS LOAMS, 6 TO 15 PERCENT SLOPES	31	54	67	5	5	15	35	18	27	30	24	762	0.8	1.4
EtB	ETHAN-EGAN COMPLEX, 2 TO 6 PERCENT SLOPES	72	125	155	11	11	36	81	42	63	69	55	1,769	1.8	3.3
EtC	ETHAN-EGAN COMPLEX, 5 TO 9 PERCENT SLOPES	61	106	131	10	10	30	69	35	54	58	46	1,499	1.5	2.8
HuA	HUNTIMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	88	153	189	14	14	44	99	51	77	84	67	2,163	2.2	4.1
La	LAMO SILTY CLAY LOAM	69	120	148	11	11	34	78	40	61	66	52	1,696	1.7	3.2
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0

Turner County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
Or	ORTHENTS-AQUENTS COMPLEX	9	16	19	1	1	4	10	5	8	9	7	221	0.2	0.4
Ro	ROXBURY SILT LOAM	86	149	185	13	14	43	97	50	76	82	65	2,113	2.1	4.0
Rv	ROXBURY VARIANT SILT LOAM	86	149	185	13	14	43	97	50	76	82	65	2,113	2.1	4.0
Sa	SALMO SILTY CLAY LOAM	32	56	69	5	5	16	36	19	28	31	24	786	0.8	1.5
Te	TETONKA SILT LOAM	60	104	129	9	10	30	68	35	53	57	46	1,474	1.5	2.8
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaA	WAKONDA-WENTWORTH-CHANCELLOR SILTY CLAY LOAMS, 0 TO 3 PERCEN	83	144	178	13	13	41	94	48	73	79	63	2,040	2.0	3.8
WcA	WENTWORTH-CHANCELLOR-WAKONDA SILTY CLAY LOAMS, 0 TO 2 PERCEN	86	149	185	13	14	43	97	50	76	82	65	2,113	2.1	4.0
Wo	WORTHING SILTY CLAY LOAM	34	59	73	5	5	17	38	20	30	32	26	836	0.8	1.6

Union County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		143	164	10	12	43	87	42	53	75	59	1,906	1.9	4.4
	County Average Crop Soil Map Unit Productivity Index =	71.77													
Ab	ALBATON SILT LOAM, OVERWASH	59	118	134	9	10	35	72	34	44	62	49	1,567	1.6	3.6
Ac	ALBATON SILTY CLAY	55	110	125	8	9	33	67	32	41	57	45	1,461	1.5	3.4
Ad	ALBATON SILTY CLAY, DEPRESSIONAL	29	58	66	4	5	17	35	17	21	30	24	770	0.8	1.8
Ae	ALCESTER SILT LOAM, 2 TO 6 PERCENT SLOPES	92	184	210	13	15	55	112	54	68	96	76	2,444	2.4	5.7
Bd	BENCLARE SILTY CLAY LOAM, SOMEWHAT POORLY DRAINED	81	162	185	12	13	49	99	47	60	85	67	2,151	2.1	5.0
Be	BENCLARE SOILS, OVERWASH	82	164	187	12	14	49	100	48	61	86	67	2,178	2.2	5.0
Bf	BLENCOE SILTY CLAY	91	182	207	13	15	55	111	53	67	95	75	2,417	2.4	5.6
Bg	BLYBURG SILT LOAM	95	190	217	14	16	57	116	55	70	99	78	2,523	2.5	5.8
Bor	BORROW PITS	1	2	2	0	0	1	1	1	1	1	1	27	0.0	0.1
Ca	CALCO SILTY CLAY LOAM, WET	32	64	73	5	5	19	39	19	24	33	26	850	0.8	2.0
CbE2	CROFTON SILT LOAM, 12 TO 17 PERCENT SLOPES, ERODED	36	72	82	5	6	22	44	21	27	38	30	956	1.0	2.2
CbF	CROFTON SILT LOAM, 17 TO 30 PERCENT SLOPES	21	42	48	3	3	13	26	12	16	22	17	558	0.6	1.3
CnB	CROFTON-NORA SILT LOAMS, 2 TO 6 PERCENT SLOPES	73	146	166	11	12	44	89	43	54	76	60	1,939	1.9	4.5
CnD2	CROFTON-NORA SILT LOAMS, 6 TO 12 PERCENT SLOPES, ERODED	62	124	141	9	10	37	76	36	46	65	51	1,647	1.6	3.8
Da	DAVIS LOAM	93	186	212	13	15	56	113	54	69	97	76	2,470	2.5	5.7
De	DEMPSTER SILTY CLAY LOAM	65	130	148	9	11	39	79	38	48	68	53	1,726	1.7	4.0
EaB	EGAN-SHINDLER COMPLEX, 2 TO 6 PERCENT SLOPES	74	148	169	11	12	44	90	43	55	77	61	1,965	2.0	4.5
EaC	EGAN-SHINDLER COMPLEX, 6 TO 9 PERCENT SLOPES	65	130	148	9	11	39	79	38	48	68	53	1,726	1.7	4.0
EmA	ENET LOAM, 0 TO 2 PERCENT SLOPES	60	120	137	9	10	36	73	35	44	63	49	1,594	1.6	3.7
EnB	ENET AND DEMPSTER COMPLEX, 2 TO 6 PERCENT SLOPES	55	110	125	8	9	33	67	32	41	57	45	1,461	1.5	3.4
Fa	CHASKA LOAM	30	60	68	4	5	18	37	18	22	31	25	797	0.8	1.8
Fb	NORWAY LOAMY SAND	30	60	68	4	5	18	37	18	22	31	25	797	0.8	1.8
Fc	FORNEY SILTY CLAY	67	134	153	10	11	40	82	39	49	70	55	1,780	1.8	4.1
Fe	FORNEY SILT LOAM, OVERWASH	70	140	160	10	12	42	85	41	52	73	58	1,859	1.9	4.3
Ga	GRABLE SILT LOAM	65	130	148	9	11	39	79	38	48	68	53	1,726	1.7	4.0
Gb	GRACEVILLE SILTY CLAY LOAM	85	170	194	12	14	51	104	50	63	89	70	2,258	2.3	5.2
Gp	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Ha	HAYNIE SILT LOAM	86	172	196	12	14	52	105	50	64	90	71	2,284	2.3	5.3
Hb	HAYNIE SILTY CLAY LOAM	92	184	210	13	15	55	112	54	68	96	76	2,444	2.4	5.7
Ja	JAMES SILTY CLAY	26	52	59	4	4	16	32	15	19	27	21	691	0.7	1.6
Ka	KENNEBEC SILTY CLAY LOAM	94	188	214	14	16	56	115	55	69	98	77	2,497	2.5	5.8
La	LAKEPORT SILTY CLAY LOAM	97	194	221	14	16	58	118	57	72	101	80	2,576	2.6	6.0
Lb	LAMO SILTY CLAY LOAM	71	142	162	10	12	43	87	41	52	74	58	1,886	1.9	4.4
Ld	LUTON SILTY CLAY	63	126	144	9	10	38	77	37	47	66	52	1,673	1.7	3.9
Ma	MCPAUL SILT LOAM	90	180	205	13	15	54	110	53	66	94	74	2,390	2.4	5.5
Mb	MODALE SILT LOAM	91	182	207	13	15	55	111	53	67	95	75	2,417	2.4	5.6
McA	MOODY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	94	188	214	14	16	56	115	55	69	98	77	2,497	2.5	5.8

Union County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
McB	MOODY SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	87	174	198	13	14	52	106	51	64	91	72	2,311	2.3	5.3
MdC	MOODY-NORA SILTY CLAY LOAMS, 6 TO 10 PERCENT SLOPES	70	140	160	10	12	42	85	41	52	73	58	1,859	1.9	4.3
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
NeF	NORA-CROFTON SILT LOAMS, 20 TO 50 PERCENT SLOPES	12	24	27	2	2	7	15	7	9	13	10	319	0.3	0.7
Oa	OMADI SILT LOAM	98	196	223	14	16	59	119	57	72	102	81	2,603	2.6	6.0
Ob	ONAWA SILTY CLAY	80	160	182	12	13	48	97	47	59	84	66	2,125	2.1	4.9
Or	ORTHENTS, LOAMY	1	2	2	0	0	1	1	1	1	1	1	27	0.0	0.1
Pa	PERCIVAL SILTY CLAY	73	146	166	11	12	44	89	43	54	76	60	1,939	1.9	4.5
Sa	SALIX SILTY CLAY LOAM	98	196	223	14	16	59	119	57	72	102	81	2,603	2.6	6.0
Sb	SALMO SILTY CLAY LOAM, SOMEWHAT POORLY DRAINED	29	58	66	4	5	17	35	17	21	30	24	770	0.8	1.8
ScB	SARDAK LOAMY FINE SAND, 3 TO 9 PERCENT SLOPES	27	54	62	4	4	16	33	16	20	28	22	717	0.7	1.7
SdA	SCROLL SILTY CLAY , 0 TO 1 PERCENT SLOPES	54	108	123	8	9	32	66	32	40	56	44	1,434	1.4	3.3
SeA	SARDAK SOILS, 0 TO 3 PERCENT SLOPES	31	62	71	4	5	19	38	18	23	32	25	823	0.8	1.9
ShD	SHINDLER CLAY LOAM, 9 TO 15 PERCENT SLOPES	36	72	82	5	6	22	44	21	27	38	30	956	1.0	2.2
ShE	SHINDLER CLAY LOAM, 15 TO 30 PERCENT SLOPES	20	40	46	3	3	12	24	12	15	21	16	531	0.5	1.2
St	STORLA LOAM	53	106	121	8	9	32	65	31	39	55	44	1,408	1.4	3.3
TaB	THURMAN FINE SANDY LOAM, 3 TO 9 PERCENT SLOPES	49	98	112	7	8	29	60	29	36	51	40	1,301	1.3	3.0
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WAKONDA-WORTHING-CHANCELLOR COMPLEX	66	132	150	10	11	40	80	39	49	69	54	1,753	1.8	4.1
WbA	WENTWORTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	91	182	207	13	15	55	111	53	67	95	75	2,417	2.4	5.6
WbB	WENTWORTH SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	85	170	194	12	14	51	104	50	63	89	70	2,258	2.3	5.2
Wc	WENTWORTH-WORTHING SILTY CLAY LOAMS	72	144	164	10	12	43	88	42	53	75	59	1,912	1.9	4.4
Wh	WHITEWOOD SILTY CLAY LOAM	84	168	191	12	14	50	102	49	62	88	69	2,231	2.2	5.2
Wo	WORTHING SILTY CLAY LOAM	34	68	77	5	6	20	41	20	25	36	28	903	0.9	2.1
Ws	WORTHING-CHANCELLOR SILTY CLAY LOAMS	52	104	119	8	9	31	63	30	38	54	43	1,381	1.4	3.2

Walworth County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		115	161	9	18	34	52	46	58	80	47	1,861	1.7	2.1
	County Average Crop Soil Map Unit Productivity Index =	75.09													
AgA	AGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	88	135	188	10	21	40	61	53	67	94	55	2,181	2.0	2.5
AgB	AGAR SILT LOAM, 2 TO 6 PERCENT SLOPES	82	126	175	10	19	37	57	50	63	88	51	2,032	1.8	2.3
AgC	AGAR SILT LOAM, 6 TO 9 PERCENT SLOPES	73	112	156	9	17	33	51	44	56	78	45	1,809	1.6	2.0
AkA	AKASKA SILT LOAM, 0 TO 2 PERCENT SLOPES	65	100	139	8	15	29	45	39	50	69	40	1,611	1.5	1.8
AkB	AKASKA SILT LOAM, 2 TO 6 PERCENT SLOPES	59	91	126	7	14	27	41	36	45	63	37	1,462	1.3	1.7
Ao	AQUOLLS	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
Ar	ARVESON SANDY LOAM, WET	57	88	122	7	13	26	39	35	44	61	35	1,413	1.3	1.6
Bn	BON LOAM	85	131	182	10	20	38	59	52	65	91	53	2,107	1.9	2.4
BoA	BOWBELLS LOAM, 0 TO 3 PERCENT SLOPES	86	132	184	10	20	39	60	52	66	92	53	2,132	1.9	2.4
BwA	BOWDLE LOAM, 0 TO 2 PERCENT SLOPES	60	92	128	7	14	27	42	36	46	64	37	1,487	1.3	1.7
BwB	BOWDLE LOAM, 2 TO 6 PERCENT SLOPES	55	84	118	6	13	25	38	33	42	59	34	1,363	1.2	1.5
BxB	BOWDLE-WABEK LOAMS, 2 TO 6 PERCENT SLOPES	40	61	86	5	9	18	28	24	31	43	25	991	0.9	1.1
BxC	BOWDLE-WABEK LOAMS, 6 TO 9 PERCENT SLOPES	33	51	71	4	8	15	23	20	25	35	20	818	0.7	0.9
BxD	BOWDLE-WABEK LOAMS, 9 TO 15 PERCENT SLOPES	25	38	53	3	6	11	17	15	19	27	15	620	0.6	0.7
Co	COLVIN SILT LOAM	54	83	115	6	13	24	37	33	41	58	33	1,338	1.2	1.5
DeA	DEMKY LOAM, 0 TO 2 PERCENT SLOPES	72	111	154	8	17	32	50	44	55	77	45	1,785	1.6	2.0
DeB	DEMKY LOAM, 2 TO 6 PERCENT SLOPES	63	97	135	7	15	28	44	38	48	67	39	1,561	1.4	1.8
DgA	DEMKY-JERAULD COMPLEX, 0 TO 2 PERCENT SLOPES	45	69	96	5	11	20	31	27	34	48	28	1,115	1.0	1.3
Dm	DIVIDE LOAM	55	84	118	6	13	25	38	33	42	59	34	1,363	1.2	1.5
Du	DURRSTEIN SILT LOAM	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
Eg	EGAS SILTY CLAY LOAM	5	8	11	1	1	2	3	3	4	5	3	124	0.1	0.1
GeE	GETTYS CLAY LOAM, 9 TO 40 PERCENT SLOPES	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
Gp	GRAVEL PITS	1	2	2	0	0	0	1	1	1	1	1	25	0.0	0.0
HeA	HECLA LOAMY SAND, 0 TO 3 PERCENT SLOPES	69	106	148	8	16	31	48	42	53	74	43	1,710	1.5	1.9
HhA	HIGHMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	89	137	190	10	21	40	62	54	68	95	55	2,206	2.0	2.5
HhB	HIGHMORE SILT LOAM, 2 TO 6 PERCENT SLOPES	82	126	175	10	19	37	57	50	63	88	51	2,032	1.8	2.3
HhC	HIGHMORE SILT LOAM, 6 TO 9 PERCENT SLOPES	73	112	156	9	17	33	51	44	56	78	45	1,809	1.6	2.0
HkA	HIGHMORE-EAKIN SILT LOAMS, 0 TO 2 PERCENT SLOPES	86	132	184	10	20	39	60	52	66	92	53	2,132	1.9	2.4
HkB	HIGHMORE-EAKIN SILT LOAMS, 2 TO 6 PERCENT SLOPES	80	123	171	9	19	36	55	49	61	86	50	1,983	1.8	2.2
HkC	HIGHMORE-EAKIN SILT LOAMS, 6 TO 9 PERCENT SLOPES	70	107	150	8	16	32	48	43	54	75	43	1,735	1.6	2.0
HmB	HIGHMORE-RABER COMPLEX, 2 TO 6 PERCENT SLOPES	76	117	163	9	18	34	53	46	58	81	47	1,884	1.7	2.1
HmC	HIGHMORE-RABER COMPLEX, 6 TO 9 PERCENT SLOPES	70	107	150	8	16	32	48	43	54	75	43	1,735	1.6	2.0
Ho	HOVEN SILT LOAM	13	20	28	2	3	6	9	8	10	14	8	322	0.3	0.4
HuB	HURLEY SILT LOAM, 2 TO 9 PERCENT SLOPES	16	25	34	2	4	7	11	10	12	17	10	397	0.4	0.4
Je	JERAULD SILT LOAM	12	18	26	1	3	5	8	7	9	13	7	297	0.3	0.3
Js	JERAULD-SLICKSPOTS COMPLEX	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
LaA	LEHR LOAM, 0 TO 2 PERCENT SLOPES	40	61	86	5	9	18	28	24	31	43	25	991	0.9	1.1

Walworth County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
LaB	LEHR LOAM, 2 TO 6 PERCENT SLOPES	38	58	81	4	9	17	26	23	29	41	24	942	0.9	1.1
LbB	LEHR-BOWDLE LOAMS, 2 TO 9 PERCENT SLOPES	42	64	90	5	10	19	29	26	32	45	26	1,041	0.9	1.2
LoA	LOWRY SILT LOAM, 0 TO 2 PERCENT SLOPES	87	134	186	10	20	39	60	53	67	93	54	2,156	2.0	2.4
LoB	LOWRY SILT LOAM, 2 TO 6 PERCENT SLOPES	81	124	173	10	19	36	56	49	62	87	50	2,008	1.8	2.3
LoC	LOWRY SILT LOAM, 6 TO 9 PERCENT SLOPES	67	103	143	8	16	30	46	41	51	72	42	1,661	1.5	1.9
Ma	MACKEN SILTY CLAY	27	41	58	3	6	12	19	16	21	29	17	669	0.6	0.8
MdB	MADDOCK LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	33	51	71	4	8	15	23	20	25	35	20	818	0.7	0.9
MdC	MADDOCK LOAMY FINE SAND, 6 TO 15 PERCENT SLOPES	24	37	51	3	6	11	17	15	18	26	15	595	0.5	0.7
Mo	MOBRIDGE SILT LOAM	94	144	201	11	22	42	65	57	72	100	58	2,330	2.1	2.6
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
OpC	OPAL CLAY, 2 TO 9 PERCENT SLOPES	48	74	103	6	11	22	33	29	37	51	30	1,190	1.1	1.3
Or	ORTHENTS, LOAMY	1	2	2	0	0	0	1	1	1	1	1	25	0.0	0.0
OsD	OPAL-SANSARC CLAYS, 6 TO 15 PERCENT SLOPES	28	43	60	3	7	13	19	17	21	30	17	694	0.6	0.8
Pa	PARNELL CLAY LOAM, WET	32	49	68	4	7	14	22	19	25	34	20	793	0.7	0.9
PrA	PARSHALL FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	65	100	139	8	15	29	45	39	50	69	40	1,611	1.5	1.8
PrB	PARSHALL FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	62	95	133	7	14	28	43	38	47	66	38	1,537	1.4	1.7
PsA	PROMISE CLAY, 0 TO 2 PERCENT SLOPES	69	106	148	8	16	31	48	42	53	74	43	1,710	1.5	1.9
PsB	PROMISE CLAY, 2 TO 6 PERCENT SLOPES	64	98	137	8	15	29	44	39	49	68	40	1,586	1.4	1.8
RaB	RABER LOAM, 2 TO 6 PERCENT SLOPES	68	104	145	8	16	31	47	41	52	73	42	1,685	1.5	1.9
RaC	RABER LOAM, 6 TO 9 PERCENT SLOPES	54	83	115	6	13	24	37	33	41	58	33	1,338	1.2	1.5
RbD	RABER-GETTYS COMPLEX, 6 TO 15 PERCENT SLOPES	28	43	60	3	7	13	19	17	21	30	17	694	0.6	0.8
Re	REGAN SILT LOAM	30	46	64	4	7	14	21	18	23	32	19	744	0.7	0.8
SaE	SANSARC-OPAL CLAYS, 15 TO 40 PERCENT SLOPES	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
SuC	SULLY SILT LOAM, 2 TO 9 PERCENT SLOPES	38	58	81	4	9	17	26	23	29	41	24	942	0.9	1.1
SuD	SULLY SILT LOAM, 9 TO 15 PERCENT SLOPES	21	32	45	2	5	9	15	13	16	22	13	520	0.5	0.6
SuE	SULLY SILT LOAM, 15 TO 40 PERCENT SLOPES	5	8	11	1	1	2	3	3	4	5	3	124	0.1	0.1
SwA	BULLCREEK CLAY, 0 TO 6 PERCENT SLOPES	9	14	19	1	2	4	6	5	7	10	6	223	0.2	0.3
TaA	TALLY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	64	98	137	8	15	29	44	39	49	68	40	1,586	1.4	1.8
TaB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	55	84	118	6	13	25	38	33	42	59	34	1,363	1.2	1.5
TaC	TALLY FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	46	71	98	5	11	21	32	28	35	49	29	1,140	1.0	1.3
Te	TETONKA SILT LOAM	59	91	126	7	14	27	41	36	45	63	37	1,462	1.3	1.7
Us	WENDTE CLAY LOAM, CHANNELED	26	40	56	3	6	12	18	16	20	28	16	644	0.6	0.7
VdD	VIDA STONY LOAM, 3 TO 15 PERCENT SLOPES	6	9	13	1	1	3	4	4	5	6	4	149	0.1	0.2
VzD	VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	41	63	88	5	10	18	28	25	31	44	25	1,016	0.9	1.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WaE	WABEK LOAM, 9 TO 40 PERCENT SLOPES	5	8	11	1	1	2	3	3	4	5	3	124	0.1	0.1
WbA	WILLIAMS-BOWBELLS LOAMS, 0 TO 2 PERCENT SLOPES	85	131	182	10	20	38	59	52	65	91	53	2,107	1.9	2.4
WbB	WILLIAMS-BOWBELLS LOAMS, 2 TO 6 PERCENT SLOPES	81	124	173	10	19	36	56	49	62	87	50	2,008	1.8	2.3
WdC	WILLIAMS-VIDA LOAMS, 6 TO 9 PERCENT SLOPES	60	92	128	7	14	27	42	36	46	64	37	1,487	1.3	1.7
YeB	YECROSS LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	33	51	71	4	8	15	23	20	25	35	20	818	0.7	0.9

Walworth County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
YeC	YECROSS LOAMY FINE SAND, 6 TO 15 PERCENT SLOPES	23	35	49	3	5	10	16	14	18	25	14	570	0.5	0.6
ZaE	ZAHL-WILLIAMS LOAMS, 15 TO 34 PERCENT SLOPES	23	35	49	3	5	10	16	14	18	25	14	570	0.5	0.6

Washabaugh County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		57	112	6	20		52	28	31	34	34	1,070	1.3	1.4
	County Average Crop Soil Map Unit Productivity Index =	47.51													
Aa	LOHMILLER, SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	33	40	78	4	14		36	20	22	23	24	743	0.9	1.0
AlA	ALTVAN LOAM, 0 TO 3 PERCENT SLOPES	55	66	130	7	23		60	33	36	39	39	1,239	1.5	1.6
AlC	ALTVAN LOAM, 3 TO 9 PERCENT SLOPES	46	55	108	6	19		50	27	30	32	33	1,036	1.2	1.4
AvD	ANSELMO-VALENTINE COMPLEX, 5 TO 20 PERCENT SLOPES	29	35	68	4	12		32	17	19	20	21	653	0.8	0.9
Ba	BADLAND-DENBY-INTERIOR COMPLEX, 0 TO 90 PERCENT SLOPES	18	22	42	2	7		20	11	12	13	13	405	0.5	0.5
Bk	BADLAND	4	5	9	1	2		4	2	3	3	3	90	0.1	0.1
CaF	CANYON-OGLALA ASSOCIATION, 18 TO 40 PERCENT SLOPES	9	11	21	1	4		10	5	6	6	6	203	0.2	0.3
Cc	CANYON-ROCK OUTCROP ASSOCIATION, 18 TO 40 PERCENT SLOPES	9	11	21	1	4		10	5	6	6	6	203	0.2	0.3
Cy	DENBY SILTY CLAY, 0 TO 4 PERCENT SLOPES	25	30	59	3	10		27	15	16	18	18	563	0.7	0.7
EhF	EPPING-KADOKA ASSOCIATION, 9 TO 40 PERCENT SLOPES	29	35	68	4	12		32	17	19	20	21	653	0.8	0.9
EkE	EPPING-KADOKA SILT LOAMS, 9 TO 18 PERCENT SLOPES	31	37	73	4	13		34	18	20	22	22	698	0.8	0.9
Er	EPPING-ROCK OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	14	17	33	2	6		15	8	9	10	10	315	0.4	0.4
GoA	MOBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	97	117	229	12	40		106	58	63	68	69	2,185	2.6	2.9
Gp	GRAVEL PITS	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
Gr	NIHILL GRAVELLY LOAM, 2 TO 30 PERCENT SLOPES	11	13	26	1	5		12	7	7	8	8	248	0.3	0.3
HhA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	80	96	189	10	33		88	48	52	56	57	1,802	2.1	2.4
HlA	HAVERSON LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	77	93	182	10	32		84	46	50	54	55	1,734	2.1	2.3
HoA	HAVERSON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	79	95	186	10	32		86	47	52	56	56	1,779	2.1	2.4
Hs	HISLE SILT LOAM, 0 TO 9 PERCENT SLOPES	11	13	26	1	5		12	7	7	8	8	248	0.3	0.3
Hv	HOVEN SILT LOAM, 0 TO 1 PERCENT SLOPES	15	18	35	2	6		16	9	10	11	11	338	0.4	0.4
HwA	HUGGINS SILT LOAM, 0 TO 3 PERCENT SLOPES	74	89	174	10	30		81	44	48	52	53	1,667	2.0	2.2
KaA	KADOKA SILT LOAM, 0 TO 3 PERCENT SLOPES	88	106	208	11	36		96	52	57	62	63	1,982	2.4	2.6
KaB	KADOKA SILT LOAM, 3 TO 5 PERCENT SLOPES	82	99	193	11	34		90	49	54	58	59	1,847	2.2	2.5
KaC	KADOKA SILT LOAM, 5 TO 9 PERCENT SLOPES	74	89	174	10	30		81	44	48	52	53	1,667	2.0	2.2
KbC	KADOKA-EPPING SILT LOAMS, 3 TO 9 PERCENT SLOPES	63	76	149	8	26		69	37	41	44	45	1,419	1.7	1.9
KdC	KADOKA-HUGGINS SILT LOAMS, 3 TO 9 PERCENT SLOPES	67	81	158	9	27		73	40	44	47	48	1,509	1.8	2.0
KeA	KEITH SILT LOAM, 0 TO 3 PERCENT SLOPES	90	109	212	12	37		99	54	59	63	64	2,027	2.4	2.7
KeB	KEITH SILT LOAM, 3 TO 5 PERCENT SLOPES	84	101	198	11	34		92	50	55	59	60	1,892	2.3	2.5
KhD	KEITH-COLBY SILT LOAMS, 9 TO 12 PERCENT SLOPES	48	58	113	6	20		53	29	31	34	34	1,081	1.3	1.4
KhE	KEITH-COLBY SILT LOAMS, 10 TO 25 PERCENT SLOPES	43	52	101	6	18		47	26	28	30	31	968	1.2	1.3
KrB	KEITH-ROSEBUD SILT LOAMS, 3 TO 5 PERCENT SLOPES	81	98	191	10	33		89	48	53	57	58	1,824	2.2	2.4
KsC	KEITH-ROSEBUD-CANYON COMPLEX, 5 TO 9 PERCENT SLOPES	63	76	149	8	26		69	37	41	44	45	1,419	1.7	1.9
KuC	KEITH-ULYSSES SILT LOAMS, 5 TO 9 PERCENT SLOPES	75	90	177	10	31		82	45	49	53	54	1,689	2.0	2.2
KyA	SWANBOY CLAY, 0 TO 3 PERCENT SLOPES	9	11	21	1	4		10	5	6	6	6	203	0.2	0.3
Lm	INTERIOR SILT LOAM, 0 TO 3 PERCENT SLOPES	40	48	94	5	16		44	24	26	28	29	901	1.1	1.2
Mm	MOSHER-MINATARE COMPLEX, 0 TO 6 PERCENT SLOPES	31	37	73	4	13		34	18	20	22	22	698	0.8	0.9
M-W	MISCELLANEOUS WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0

Washabaugh County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
OcE	OGLALA-CANYON LOAMS, 9 TO 18 PERCENT SLOPES	23	28	54	3	9		25	14	15	16	16	518	0.6	0.7
Og	ORTHENTS, GRAVELLY	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
PcC	PIERRE CLAY, 6 TO 9 PERCENT SLOPES	39	47	92	5	16		43	23	25	27	28	878	1.0	1.2
PeC	PIERRE CLAY, 3 TO 9 PERCENT SLOPES	39	47	92	5	16		43	23	25	27	28	878	1.0	1.2
PhB	PIERRE-HISLE COMPLEX, 1 TO 6 PERCENT SLOPES	37	45	87	5	15		40	22	24	26	26	833	1.0	1.1
PkD	PIERRE-SAMSIL CLAYS, 6 TO 15 PERCENT SLOPES	26	31	61	3	11		28	15	17	18	19	586	0.7	0.8
PrA	PROMISE CLAY, 0 TO 3 PERCENT SLOPES	71	86	167	9	29		78	42	46	50	51	1,599	1.9	2.1
PsA	PROMISE-HURLEY COMPLEX, 0 TO 3 PERCENT SLOPES	59	71	139	8	24		65	35	38	42	42	1,329	1.6	1.8
PsB	PROMISE-HURLEY COMPLEX, 3 TO 6 PERCENT SLOPES	52	63	123	7	21		57	31	34	37	37	1,171	1.4	1.6
PsE	PIERRE-SAMSIL CLAYS, 9 TO 25 PERCENT SLOPES	11	13	26	1	5		12	7	7	8	8	248	0.3	0.3
PuB	PROMISE-PIERRE CLAYS, 3 TO 6 PERCENT SLOPES	58	70	137	7	24		63	34	38	41	41	1,306	1.6	1.7
PuC	PROMISE-PIERRE CLAYS, 6 TO 9 PERCENT SLOPES	48	58	113	6	20		53	29	31	34	34	1,081	1.3	1.4
RhC	RAZOR-HISLE COMPLEX, 2 TO 9 PERCENT SLOPES	34	41	80	4	14		37	20	22	24	24	766	0.9	1.0
RkA	RICHFIELD-KEITH SILT LOAMS, 0 TO 3 PERCENT SLOPES	78	94	184	10	32		85	46	51	55	56	1,757	2.1	2.3
RkC	RICHFIELD-KEITH SILT LOAMS, 3 TO 9 PERCENT SLOPES	74	89	174	10	30		81	44	48	52	53	1,667	2.0	2.2
RmD	RAZOR-MIDWAY SILTY CLAY LOAMS, 6 TO 15 PERCENT SLOPES	26	31	61	3	11		28	15	17	18	19	586	0.7	0.8
SaF	SAMSIL CLAY, 15 TO 40 PERCENT SLOPES	5	6	12	1	2		5	3	3	4	4	113	0.1	0.1
ShE	SAMSIL-HISLE-ROCK OUTCROP COMPLEX, 6 TO 25 PERCENT SLOPES	9	11	21	1	4		10	5	6	6	6	203	0.2	0.3
SpE	SAMSIL-PIERRE CLAYS, 15 TO 25 PERCENT SLOPES	9	11	21	1	4		10	5	6	6	6	203	0.2	0.3
SpE	SAMSIL-PIERRE CLAYS, 9 TO 25 PERCENT SLOPES	10	12	24	1	4		11	6	7	7	7	225	0.3	0.3
SrF	SAMSIL-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	4	5	9	1	2		4	2	3	3	3	90	0.1	0.1
Ss	SAMSIL-SHALE OUTCROP COMPLEX, 9 TO 40 PERCENT SLOPES	6	7	14	1	2		7	4	4	4	4	135	0.2	0.2
StC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	59	71	139	8	24		65	35	38	42	42	1,329	1.6	1.8
Sw	SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	11	13	26	1	5		12	7	7	8	8	248	0.3	0.3
SwB	SAVO-DAWES SILT LOAMS, 2 TO 6 PERCENT SLOPES	69	83	163	9	28		76	41	45	49	49	1,554	1.9	2.1
Te	EPPING-MITCHELL SILT LOAMS, 9 TO 30 PERCENT SLOPES	8	10	19	1	3		9	5	5	6	6	180	0.2	0.2
TnA	TUTHILL-ANSELMO FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	57	69	134	7	23		62	34	37	40	41	1,284	1.5	1.7
TnC	TUTHILL-ANSELMO FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	43	52	101	6	18		47	26	28	30	31	968	1.2	1.3
TuA	TUTHILL-MANTER FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	58	70	137	7	24		63	34	38	41	41	1,306	1.6	1.7
TuB	TUTHILL-MANTER FINE SANDY LOAMS, 3 TO 5 PERCENT SLOPES	54	65	127	7	22		59	32	35	38	39	1,216	1.4	1.6
TuC	TUTHILL-MANTER FINE SANDY LOAMS, 5 TO 9 PERCENT SLOPES	47	57	111	6	19		51	28	31	33	34	1,059	1.3	1.4
Vs	VALENTINE SAND, 3 TO 30 PERCENT SLOPES	12	14	28	2	5		13	7	8	8	9	270	0.3	0.4
VwC	VALENT-WORTMAN LOAMY FINE SANDS, 3 TO 9 PERCENT SLOPES	17	20	40	2	7		19	10	11	12	12	383	0.5	0.5
W	WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
W	WATER	0	0	0	0	0		0	0	0	0	0	0	0.0	0.0
Wa	WANBLEE VERY FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	12	14	28	2	5		13	7	8	8	9	270	0.3	0.4
Wb	WENDTE CLAY	67	81	158	9	27		73	40	44	47	48	1,509	1.8	2.0
Wc	WENDTE CLAY, CHANNELED	28	34	66	4	11		31	17	18	20	20	631	0.8	0.8
We	LOUP-LAMO COMPLEX, 0 TO 3 PERCENT SLOPES	38	46	90	5	16		42	23	25	27	27	856	1.0	1.1
WeA	WETA SILT LOAM, 0 TO 3 PERCENT SLOPES	18	22	42	2	7		20	11	12	13	13	405	0.5	0.5

Washabaugh County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WhA	WHITEWATER CLAY, 0 TO 3 PERCENT SLOPES	30	36	71	4	12		33	18	20	21	21	676	0.8	0.9
WsC	WORTMAN-HISLE COMPLEX, 2 TO 9 PERCENT SLOPES	24	29	57	3	10		26	14	16	17	17	541	0.6	0.7
Ww	WORTMAN-WANBLEE COMPLEX, 0 TO 6 PERCENT SLOPES	30	36	71	4	12		33	18	20	21	21	676	0.8	0.9

Yankton County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		127	168	10	12	39	87	42	57	73	59	1,906	1.8	4.0
	County Average Crop Soil Map Unit Productivity Index =	76.11													
Ba	BALTIC CLAY LOAM	62	103	136	8	10	31	71	34	46	59	48	1,553	1.5	3.3
Bb	BALTIC SILTY CLAY	36	60	79	5	6	18	41	20	27	35	28	902	0.8	1.9
Bc	BALTIC SILTY CLAY, DEPRESSIONAL	34	57	75	4	6	17	39	19	25	33	26	852	0.8	1.8
BdE	BETTS-GAVINS COMPLEX, 15 TO 40 PERCENT SLOPES	14	23	31	2	2	7	16	8	10	13	11	351	0.3	0.7
Be	BLAKE SILTY CLAY LOAM	90	150	198	12	15	46	103	50	67	86	70	2,254	2.1	4.8
Bf	BLENCOE SILTY CLAY	89	148	196	12	14	45	102	49	66	85	69	2,229	2.1	4.7
Bg	BLENCOE-GAYVILLE COMPLEX	64	107	141	8	10	32	74	35	48	61	50	1,603	1.5	3.4
BhB	BLENDON-THURMAN COMPLEX, 0 TO 6 PERCENT SLOPES	64	107	141	8	10	32	74	35	48	61	50	1,603	1.5	3.4
Bk	BLYBURG SILT LOAM	92	153	202	12	15	47	106	51	69	88	71	2,304	2.2	4.9
Bm	BON LOAM	86	143	189	11	14	44	99	47	64	82	67	2,154	2.0	4.6
BnA	BONILLA-CROSSPLAIN COMPLEX, 0 TO 2 PERCENT SLOPES	89	148	196	12	14	45	102	49	66	85	69	2,229	2.1	4.7
BoE	BOYD-ETHAN ASSOCIATION, 15 TO 40 PERCENT SLOPES	12	20	26	2	2	6	14	7	9	12	9	301	0.3	0.6
Bp	BALTIC SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	61	102	134	8	10	31	70	34	45	59	47	1,528	1.4	3.2
Br	BLYBURG-GAYVILLE SILT LOAMS, 0 TO 2 PERCENT SLOPES	64	107	141	8	10	32	74	35	48	61	50	1,603	1.5	3.4
Bs	BLENCOE SILTY CLAY, 0 TO 2 PERCENT SLOPES, CLAYEY SUBSTRATUM	86	143	189	11	14	44	99	47	64	82	67	2,154	2.0	4.6
Ca	CHANCELLOR SILTY CLAY LOAM	80	133	176	10	13	41	92	44	60	77	62	2,004	1.9	4.2
Cb	CLAMO SILTY CLAY LOAM	58	97	128	8	9	29	67	32	43	56	45	1,453	1.4	3.1
Cc	CLAMO VARIANT SILTY CLAY LOAM	54	90	119	7	9	27	62	30	40	52	42	1,352	1.3	2.9
CdA	CLARNO LOAM, 0 TO 2 PERCENT SLOPES	82	137	180	11	13	42	94	45	61	79	64	2,054	1.9	4.3
CeB	CLARNO-BONILLA LOAMS, 1 TO 6 PERCENT SLOPES	80	133	176	10	13	41	92	44	60	77	62	2,004	1.9	4.2
ChA	CLARNO-CROSSPLAIN-STICKNEY COMPLEX, 0 TO 3 PERCENT SLOPES	81	135	178	11	13	41	93	45	60	78	63	2,029	1.9	4.3
CkA	CLARNO-CROSSPLAIN-TETONKA COMPLEX, 0 TO 3 PERCENT SLOPES	82	137	180	11	13	42	94	45	61	79	64	2,054	1.9	4.3
CmE	CROFTON-NORA SILT LOAMS, 9 TO 25 PERCENT SLOPES	30	50	66	4	5	15	34	17	22	29	23	751	0.7	1.6
CoE	CROFTON-BOYD ASSOCIATION, 15 TO 40 PERCENT SLOPES	12	20	26	2	2	6	14	7	9	12	9	301	0.3	0.6
DaB	DAVIS SILT LOAM, 2 TO 9 PERCENT SLOPES	84	140	185	11	14	43	97	46	63	81	65	2,104	2.0	4.5
DbB	DAVIS VARIANT LOAM, 0 TO 6 PERCENT SLOPES	79	132	174	10	13	40	91	44	59	76	61	1,979	1.9	4.2
DcB	DAVIS LOAM, 2 TO 6 PERCENT SLOPES	87	145	191	11	14	44	100	48	65	83	67	2,179	2.1	4.6
EaB	EGAN-CHANCELLOR SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	82	137	180	11	13	42	94	45	61	79	64	2,054	1.9	4.3
EbB	EGAN-ETHAN-TRENT COMPLEX, 1 TO 6 PERCENT SLOPES	82	137	180	11	13	42	94	45	61	79	64	2,054	1.9	4.3
EbC	EGAN-ETHAN-TRENT COMPLEX, 2 TO 9 PERCENT SLOPES	70	117	154	9	11	36	80	39	52	67	54	1,753	1.7	3.7
EcA	EGAN-WENTWORTH SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	91	152	200	12	15	46	105	50	68	87	71	2,279	2.1	4.8
EcB	EGAN-WENTWORTH SILTY CLAY LOAMS, 2 TO 6 PERCENT SLOPES	85	142	187	11	14	43	98	47	63	82	66	2,129	2.0	4.5
EdA	EGAN-WHITEWOOD SILTY CLAY LOAMS, 0 TO 3 PERCENT SLOPES	84	140	185	11	14	43	97	46	63	81	65	2,104	2.0	4.5
EeB	EGAN-CLARNO-TRENT COMPLEX, 1 TO 6 PERCENT SLOPES	88	147	194	12	14	45	101	48	66	84	68	2,204	2.1	4.7
EfA	EGAN-TRENT SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	93	155	205	12	15	47	107	51	69	89	72	2,329	2.2	4.9
EfB	EGAN-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	88	147	194	12	14	45	101	48	66	84	68	2,204	2.1	4.7
EhA	ENET-DELMONT LOAMS, 0 TO 2 PERCENT SLOPES	54	90	119	7	9	27	62	30	40	52	42	1,352	1.3	2.9

Yankton County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
EhB	ENET-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	51	85	112	7	8	26	59	28	38	49	40	1,277	1.2	2.7
EkD	ETHAN STONY LOAM, 3 TO 25 PERCENT SLOPES	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
EmE	ETHAN-BETTS LOAMS, 15 TO 40 PERCENT SLOPES	13	22	29	2	2	7	15	7	10	12	10	326	0.3	0.7
EnC	ETHAN-BONILLA LOAMS, 3 TO 9 PERCENT SLOPES	64	107	141	8	10	32	74	35	48	61	50	1,603	1.5	3.4
EoD	ETHAN-DAVIS LOAMS, 9 TO 15 PERCENT SLOPES	42	70	92	6	7	21	48	23	31	40	33	1,052	1.0	2.2
EpD	ETHAN-TALMO LOAMS, 6 TO 15 PERCENT SLOPES	25	42	55	3	4	13	29	14	19	24	19	626	0.6	1.3
ErD	ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	38	63	84	5	6	19	44	21	28	36	29	952	0.9	2.0
EsD	ETHAN-BON, CHANNELED, LOAMS, 0 TO 20 PERCENT SLOPES	33	55	73	4	5	17	38	18	25	32	26	827	0.8	1.7
EtC	ETHAN-EGAN COMPLEX, 6 TO 9 PERCENT SLOPES	63	105	139	8	10	32	72	35	47	60	49	1,578	1.5	3.3
Fa	FORNEY SILTY CLAY LOAM	70	117	154	9	11	36	80	39	52	67	54	1,753	1.7	3.7
Fb	FORNEY SILTY CLAY, 0 TO 2 PERCENT SLOPES	68	113	150	9	11	35	78	37	51	65	53	1,703	1.6	3.6
Ga	GRABLE SILT LOAM	60	100	132	8	10	30	69	33	45	58	47	1,503	1.4	3.2
GAV	ORTHENTS, LOAMY	1	2	2	0	0	1	1	1	1	1	1	25	0.0	0.1
Gb	GRACEVILLE SILTY CLAY LOAM	88	147	194	12	14	45	101	48	66	84	68	2,204	2.1	4.7
Ha	HAYNIE SILT LOAM	91	152	200	12	15	46	105	50	68	87	71	2,279	2.1	4.8
Hb	HAYNIE SILTY CLAY LOAM, OVERWASH	90	150	198	12	15	46	103	50	67	86	70	2,254	2.1	4.8
Ja	JAMES SILTY CLAY LOAM	32	53	70	4	5	16	37	18	24	31	25	801	0.8	1.7
La	LAKEPORT SILTY CLAY LOAM	96	160	211	13	16	49	110	53	72	92	74	2,404	2.3	5.1
Lb	LAMO SILTY CLAY LOAM	65	108	143	9	11	33	75	36	48	62	50	1,628	1.5	3.4
Lc	LUTON SILTY CLAY	62	103	136	8	10	31	71	34	46	59	48	1,553	1.5	3.3
Ld	LUTON SILTY CLAY, DEPRESSIONAL	37	62	81	5	6	19	43	20	28	35	29	927	0.9	2.0
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Oa	ONAWA SILTY CLAY	83	138	183	11	13	42	95	46	62	80	64	2,079	2.0	4.4
Ob	OWEGO SILTY CLAY LOAM	81	135	178	11	13	41	93	45	60	78	63	2,029	1.9	4.3
Pa	ORTHENTS, GRAVELLY	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Ra	REDSTOE VARIANT SILT LOAM, 6 TO 15 PERCENT SLOPES	27	45	59	4	4	14	31	15	20	26	21	676	0.6	1.4
Rb	ROXBURY LOAM, CHANNELED	33	55	73	4	5	17	38	18	25	32	26	827	0.8	1.7
Rc	ROXBURY SILT LOAM	85	142	187	11	14	43	98	47	63	82	66	2,129	2.0	4.5
Rd	ROXBURY SILT LOAM, CHANNELED	35	58	77	5	6	18	40	19	26	34	27	877	0.8	1.9
Sa	SALIX SILTY CLAY LOAM	99	165	218	13	16	50	114	55	74	95	77	2,480	2.3	5.2
Sb	SALMO SILTY CLAY LOAM	38	63	84	5	6	19	44	21	28	36	29	952	0.9	2.0
SdA	SARDAK LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	36	60	79	5	6	18	41	20	27	35	28	902	0.8	1.9
SeA	SARDAK-GRABLE COMPLEX, 0 TO 4 PERCENT SLOPES	46	77	101	6	7	23	53	25	34	44	36	1,152	1.1	2.4
TaE	TALMO-THURMAN COMPLEX, 15 TO 40 PERCENT SLOPES	5	8	11	1	1	3	6	3	4	5	4	125	0.1	0.3
Tb	TETONKA SILT LOAM	57	95	125	7	9	29	65	31	43	55	44	1,428	1.3	3.0
TcC	THURMAN-ETHAN COMPLEX, 2 TO 9 PERCENT SLOPES	47	78	103	6	8	24	54	26	35	45	36	1,177	1.1	2.5
TdA	TRENT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	97	162	213	13	16	49	111	53	72	93	75	2,429	2.3	5.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Wa	WAUBONSIE VERY FINE SANDY LOAM	84	140	185	11	14	43	97	46	63	81	65	2,104	2.0	4.5
WbA	WENTWORTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	90	150	198	12	15	46	103	50	67	86	70	2,254	2.1	4.8

Yankton County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
WcB	WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	86	143	189	11	14	44	99	47	64	82	67	2,154	2.0	4.6
Wd	WORTHING SILTY CLAY LOAM	36	60	79	5	6	18	41	20	27	35	28	902	0.8	1.9
We	WORTHING SILTY CLAY LOAM, PONDED	5	8	11	1	1	3	6	3	4	5	4	125	0.1	0.3

Ziebach County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
	Crop yields based on 2008 - 12 South Dakota Agricultural Statistics:		62	115	3	10	21	38	25	40	47	40	1,561	1.2	1.4
	County Average Crop Soil Map Unit Productivity Index =	49.21													
AcD	AMOR-CABBA LOAMS, 9 TO 15 PERCENT SLOPES	36	45	84	2	8	15	28	18	29	35	29	1,142	0.9	1.0
Ba	BADLAND	1	1	2	0	0	0	1	1	1	1	1	32	0.0	0.0
Bk	BANKARD LOAMY FINE SAND	29	37	68	2	6	12	22	15	24	28	23	920	0.7	0.8
Bn	BANKARD VARIANT LOAMY FINE SAND	23	29	54	1	5	10	18	12	19	22	19	729	0.6	0.7
Bo	BANKS LOAMY FINE SAND	31	39	72	2	7	13	24	16	25	30	25	983	0.8	0.9
BpB	BULLOCK-PARCHIN FINE SANDY LOAMS, 0 TO 9 PERCENT SLOPES	15	19	35	1	3	6	12	8	12	14	12	476	0.4	0.4
BsC	BULLOCK-SLICKSPOTS-PARCHIN COMPLEX, 2 TO 25 PERCENT SLOPES	12	15	28	1	3	5	9	6	10	12	10	381	0.3	0.3
CaE	CABBA-LANTRY COMPLEX, 25 TO 40 PERCENT SLOPES	9	11	21	0	2	4	7	5	7	9	7	285	0.2	0.3
CcF	CABBA-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	6	8	14	0	1	3	5	3	5	6	5	190	0.1	0.2
CkF	COHAGEN-ROCK OUTCROP COMPLEX, 9 TO 50 PERCENT SLOPES	8	10	19	0	2	3	6	4	7	8	6	254	0.2	0.2
CoE	COHAGEN-VEBAR FINE SANDY LOAMS, 15 TO 40 PERCENT SLOPES	12	15	28	1	3	5	9	6	10	12	10	381	0.3	0.3
CrD	COHAGEN-VEBAR-BULLOCK FINE SANDY LOAMS, 6 TO 25 PERCENT SLOPES	13	16	30	1	3	6	10	7	11	13	10	412	0.3	0.4
Ct	CRAFT VERY FINE SANDY LOAM	76	96	177	4	16	33	59	39	62	73	61	2,410	1.9	2.2
DaA	DAGLUM LOAM, 0 TO 2 PERCENT SLOPES	39	49	91	2	8	17	30	20	32	38	31	1,237	1.0	1.1
DrB	DAGLUM-RHOADES LOAMS, 2 TO 6 PERCENT SLOPES	32	40	74	2	7	14	25	16	26	31	26	1,015	0.8	0.9
DuC	DUPREE CLAY, 3 TO 15 PERCENT SLOPES	7	9	16	0	1	3	5	4	6	7	6	222	0.2	0.2
EvB	EVRIDGE LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	28	35	65	2	6	12	22	14	23	27	23	888	0.7	0.8
FaA	FARLAND SILT LOAM, 0 TO 2 PERCENT SLOPES	89	112	207	5	19	38	69	45	73	86	72	2,822	2.2	2.5
FaB	FARLAND SILT LOAM, 2 TO 6 PERCENT SLOPES	82	103	191	5	17	35	64	42	67	79	66	2,600	2.0	2.3
Fv	FLUVAQUENTS, PONDED	10	13	23	1	2	4	8	5	8	10	8	317	0.2	0.3
Gn	GLENROSS FINE SANDY LOAM	27	34	63	1	6	12	21	14	22	26	22	856	0.7	0.8
Gr	GRAIL SILT LOAM	88	111	205	5	18	38	68	45	72	85	71	2,791	2.2	2.5
Hc	HAVERSON SILT LOAM, CHANNELED	34	43	79	2	7	15	26	17	28	33	27	1,078	0.8	1.0
He	HEIL SILT LOAM	9	11	21	0	2	4	7	5	7	9	7	285	0.2	0.3
Hn	HEIL VARIANT SILTY CLAY LOAM, PONDED	7	9	16	0	1	3	5	4	6	7	6	222	0.2	0.2
HpC	HISLE-PIERRE COMPLEX, 2 TO 9 PERCENT SLOPES	20	25	47	1	4	9	16	10	16	19	16	634	0.5	0.6
HsB	HISLE-SLICKSPOTS COMPLEX, 2 TO 9 PERCENT SLOPES	8	10	19	0	2	3	6	4	7	8	6	254	0.2	0.2
Ka	KORCHEA LOAM	78	98	182	4	16	34	60	40	64	75	63	2,473	1.9	2.2
Kc	KORCHEA LOAM, CHANNELED	30	38	70	2	6	13	23	15	25	29	24	951	0.7	0.9
KyB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	52	65	121	3	11	22	40	26	43	50	42	1,649	1.3	1.5
LcD	LANTRY-CABBA COMPLEX, 9 TO 30 PERCENT SLOPES	14	18	33	1	3	6	11	7	11	13	11	444	0.3	0.4
LdD	LANTRY-CABBA-RHOADES COMPLEX, 9 TO 30 PERCENT SLOPES	14	18	33	1	3	6	11	7	11	13	11	444	0.3	0.4
LeD	LANTRY-KORCHEA-CABBA COMPLEX, 1 TO 25 PERCENT SLOPES	19	24	44	1	4	8	15	10	16	18	15	603	0.5	0.5
Lh	LOHLER SILTY CLAY LOAM	75	94	175	4	16	32	58	38	61	72	60	2,378	1.8	2.1
Lk	LOHLER SILTY CLAY LOAM, CHANNELED	30	38	70	2	6	13	23	15	25	29	24	951	0.7	0.9
Ln	LOHMILLER SILTY CLAY LOAM	68	86	158	4	14	29	53	35	56	65	55	2,156	1.7	1.9
Lo	LOHMILLER SILTY CLAY LOAM, CHANNELED	34	43	79	2	7	15	26	17	28	33	27	1,078	0.8	1.0

Ziebach County Crop Yields

For Nutrient Management Planning, add 10% to yield goals.

Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
M-W	MISCELLANEOUS WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PbB	PARCHIN-BULLOCK FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	24	30	56	1	5	10	19	12	20	23	19	761	0.6	0.7
PeB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	44	55	102	2	9	19	34	22	36	42	35	1,395	1.1	1.3
PeC	PIERRE CLAY, 6 TO 9 PERCENT SLOPES	37	47	86	2	8	16	29	19	30	36	30	1,173	0.9	1.1
PmD	PIERRE-SAMSIL CLAYS, 9 TO 30 PERCENT SLOPES	22	28	51	1	5	9	17	11	18	21	18	698	0.5	0.6
Po	PITS, GRAVEL	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
PrA	PROMISE CLAY, SILTY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	68	86	158	4	14	29	53	35	56	65	55	2,156	1.7	1.9
RaA	REE LOAM, 0 TO 2 PERCENT SLOPES	86	108	200	5	18	37	67	44	70	83	69	2,727	2.1	2.5
RaB	REE LOAM, 2 TO 6 PERCENT SLOPES	82	103	191	5	17	35	64	42	67	79	66	2,600	2.0	2.3
RbB	REEDER LOAM, 2 TO 6 PERCENT SLOPES	77	97	179	4	16	33	60	39	63	74	62	2,442	1.9	2.2
RbC	REEDER LOAM, 6 TO 9 PERCENT SLOPES	59	74	137	3	12	25	46	30	48	57	48	1,871	1.4	1.7
RcB	REEDER-DAGLUM LOAMS, 1 TO 6 PERCENT SLOPES	57	72	133	3	12	25	44	29	47	55	46	1,808	1.4	1.6
RdC	REEDER-LANTRY COMPLEX, 2 TO 9 PERCENT SLOPES	67	84	156	4	14	29	52	34	55	64	54	2,125	1.6	1.9
ReC	REEDER-RHOADES-LANTRY COMPLEX, 2 TO 9 PERCENT SLOPES	50	63	116	3	11	22	39	25	41	48	40	1,586	1.2	1.4
RgB	REGENT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	59	74	137	3	12	25	46	30	48	57	48	1,871	1.4	1.7
RgC	REGENT SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	46	58	107	3	10	20	36	23	38	44	37	1,459	1.1	1.3
RhD	REGENT-CABBA COMPLEX, 6 TO 15 PERCENT SLOPES	28	35	65	2	6	12	22	14	23	27	23	888	0.7	0.8
RmB	REGENT-DAGLUM COMPLEX, 2 TO 6 PERCENT SLOPES	50	63	116	3	11	22	39	25	41	48	40	1,586	1.2	1.4
RnB	REGENT-RHOADES COMPLEX, 2 TO 9 PERCENT SLOPES	40	50	93	2	8	17	31	20	33	38	32	1,268	1.0	1.1
RoA	RELIANCE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	88	111	205	5	18	38	68	45	72	85	71	2,791	2.2	2.5
RoB	RELIANCE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	80	101	186	4	17	34	62	41	65	77	64	2,537	2.0	2.3
RrA	RHOADES-DAGLUM LOAMS, 0 TO 2 PERCENT SLOPES	24	30	56	1	5	10	19	12	20	23	19	761	0.6	0.7
RrB	RHOADES-DAGLUM LOAMS, 2 TO 9 PERCENT SLOPES	20	25	47	1	4	9	16	10	16	19	16	634	0.5	0.6
RsB	RHOADES-SLICKSPOTS COMPLEX, 1 TO 6 PERCENT SLOPES	12	15	28	1	3	5	9	6	10	12	10	381	0.3	0.3
RvA	RIDGEVIEW SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	65	82	151	4	14	28	50	33	53	63	52	2,061	1.6	1.9
RvB	RIDGEVIEW SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	60	76	140	3	13	26	47	30	49	58	48	1,903	1.5	1.7
Rw	RIVERWASH	1	1	2	0	0	0	1	1	1	1	1	32	0.0	0.0
SaE	SAMSIL CLAY, 15 TO 40 PERCENT SLOPES	6	8	14	0	1	3	5	3	5	6	5	190	0.1	0.2
ScF	SAMSIL-ROCK OUTCROP COMPLEX, 9 TO 60 PERCENT SLOPES	5	6	12	0	1	2	4	3	4	5	4	159	0.1	0.1
SgA	SAVAGE SILT LOAM, 0 TO 2 PERCENT SLOPES	83	104	193	5	17	36	64	42	68	80	67	2,632	2.0	2.4
SgB	SAVAGE SILT LOAM, 2 TO 6 PERCENT SLOPES	79	99	184	4	17	34	61	40	65	76	64	2,505	1.9	2.3
ShE	SCHAMBER-SAMSIL COMPLEX, 9 TO 40 PERCENT SLOPES	7	9	16	0	1	3	5	4	6	7	6	222	0.2	0.2
SkB	SEROCO-TALLY COMPLEX, 2 TO 9 PERCENT SLOPES	28	35	65	2	6	12	22	14	23	27	23	888	0.7	0.8
So	SHAMBO LOAM	82	103	191	5	17	35	64	42	67	79	66	2,600	2.0	2.3
Sp	SLICKSPOTS	5	6	12	0	1	2	4	3	4	5	4	159	0.1	0.1
StA	STADY LOAM, 0 TO 3 PERCENT SLOPES	56	71	130	3	12	24	43	28	46	54	45	1,776	1.4	1.6
SwB	SWANBOY CLAY, 0 TO 6 PERCENT SLOPES	12	15	28	1	3	5	9	6	10	12	10	381	0.3	0.3
SxC	SWANBOY-KYLE CLAYS, 2 TO 15 PERCENT SLOPES	17	21	40	1	4	7	13	9	14	16	14	539	0.4	0.5
SyB	SWANBOY-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	8	10	19	0	2	3	6	4	7	8	6	254	0.2	0.2
TaA	TALLY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	61	77	142	3	13	26	47	31	50	59	49	1,934	1.5	1.7

Ziebach County Crop Yields

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Map Unit	SoilDescription	Prod Index	Corn - Grain		Corn Silage		Soy-beans	Grain Sorghum	Spring Wheat	Winter Wheat	Oats	Barley	Sun flowers	Hay	Alfalfa
			Dry	Irr	Dry	Irr									
TaB	TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	59	74	137	3	12	25	46	30	48	57	48	1,871	1.4	1.7
Tm	TREMBLES FINE SANDY LOAM	44	55	102	2	9	19	34	22	36	42	35	1,395	1.1	1.3
Tr	TREMBLES FINE SANDY LOAM, CHANNELED	30	38	70	2	6	13	23	15	25	29	24	951	0.7	0.9
VbB	VEBAR FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	50	63	116	3	11	22	39	25	41	48	40	1,586	1.2	1.4
VbC	VEBAR FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	42	53	98	2	9	18	33	21	34	40	34	1,332	1.0	1.2
VcC	VEBAR-COHAGEN FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	33	42	77	2	7	14	26	17	27	32	27	1,046	0.8	0.9
VdC	VEBAR-DAGLUM COMPLEX, 3 TO 9 PERCENT SLOPES	37	47	86	2	8	16	29	19	30	36	30	1,173	0.9	1.1
W	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
WcE	WABEK-CABBA COMPLEX, 9 TO 40 PERCENT SLOPES	4	5	9	0	1	2	3	2	3	4	3	127	0.1	0.1
WdE	WAYDEN SILTY CLAY LOAM, 15 TO 40 PERCENT SLOPES	7	9	16	0	1	3	5	4	6	7	6	222	0.2	0.2
We	WENDTE SILTY CLAY	72	91	168	4	15	31	56	37	59	69	58	2,283	1.8	2.1
Wn	WENDTE SILTY CLAY, CHANNELED	30	38	70	2	6	13	23	15	25	29	24	951	0.7	0.9