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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
C2A (2q0rr)	Tonka silt loam, 0 to 1 percent slopes				83
		80	Tonka	85	
		6	Parnell	75	
		5	Bowbells	100	
		5	Hamerly	85	
		4	Vallers, saline	35	
C3A (2pwf7)	Parnell silty clay loam, 0 to 1 percent slopes				72
		86	Parnell	75	
		4	Vallers, saline	35	
		3	Southam	50	
		3	Tonka	85	
		2	Marysland, very poorly drained	50	
		1	Colvin	70	
		1	Manfred, very poorly drained	20	
C5A (2q539)	Southam silty clay loam, 0 to 1 percent slopes				6
		76	Southam, undrained	0	
		6	Parnell, undrained	20	
		5	Vallers, saline	35	
		5	Water, intermittent	0	
		3	Marysland, very poorly drained	50	
		3	Minnewaukan	35	
		2	Lallie	50	
C6A (2q0rs)	Tonka-Parnell complex, 0 to 1 percent slopes				80
		64	Tonka	85	
		25	Parnell	75	
		5	Vallers, saline	35	
		3	Hamerly	85	
		2	Bowbells	100	
		1	Miranda	30	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
C13A (2q2h2)	Fossum fine sandy loam, 0 to 1 percent slopes				60
		90	Fossum	60	
		4	Colvin	70	
		4	Marysland	60	
		2	Lihen	44	
C23A (2q3bs)	Vallers, saline-Parnell complex, 0 to 1 percent slopes				55
		45	Vallers, saline	35	
		30	Parnell	75	
		9	Hamerly	85	
		5	Divide, saline	33	
		3	Balaton, west	71	
		3	Southam	50	
		3	Tonka	85	
		2	Noonan	45	
C71A (2q6m5)	Fram loam, saline, 0 to 3 percent slopes				57
		61	Fram, saline	43	
		14	Fram	85	
		10	Wyard	90	
		5	Max, coarse loamy	76	
		4	Tonka	85	
		4	Vallers, saline	35	
		2	Parnell	75	
C73A (2q2kv)	Hamerly-Vallers loams, saline, 0 to 3 percent slopes				43
		53	Hamerly, saline	43	
		30	Vallers, saline	35	
		5	Balaton, west	71	
		4	Heil	35	
		2	Divide, saline	33	
		2	Noonan	45	
		2	Parnell	75	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		2	Wyard	90	
C132B (2q2jh)	Williams-Zahl loams, 3 to 6 percent slopes				77
		54	Williams	85	
		16	Zahl	57	
		11	Zahill	57	
		10	Bowbells	95	
		4	Hamerly	80	
		2	Tonka	85	
		1	Lehr	43	
		1	Noonan	45	
		1	Parnell	75	
C132C (2q2jg)	Williams-Zahl-Zahill complex, 6 to 9 percent slopes				62
		51	Williams	68	
		21	Zahl	46	
		15	Zahill	46	
		7	Bowbells	95	
		2	Hamerly	80	
		1	Lehr	34	
		1	Noonan	44	
		1	Parnell	75	
		1	Tonka	85	
C135C (2q73d)	Zahl-Williams-Zahill complex, 6 to 9 percent slopes				58
		38	Zahl	46	
		31	Williams	68	
		17	Zahill	46	
		6	Bowbells	95	
		3	Tonka	85	
		2	Hamerly	85	
		1	Lehr	43	
		1	Noonan	43	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		1	Parnell	75	
C135D (2q52k)	Zahl-Williams loams, 9 to 15 percent slopes				45
		53	Zahl	35	
		32	Williams	51	
		5	Bowbells	76	
		4	Bowbells	95	
		2	Parnell, undrained	20	
		1	Hamerly	80	
		1	Noonan	34	
		1	Tonka, undrained	40	
		1	Wabek	23	
C148C (2q2jf)	Williams-Zahl-Parnell complex, 0 to 9 percent slopes				67
		21	Williams	87	
		20	Zahl	46	
		18	Parnell	75	
		11	Williams	68	
		10	Zahill	46	
		5	Tonka	85	
		4	Hamerly	85	
		4	Vallers	70	
		3	Southam	50	
		2	Heil	35	
		2	Noonan	45	
C153E (2q2jc)	Zahl-Max loams, 15 to 25 percent slopes				39
		44	Zahl	24	
		35	Max	48	
		12	Arnegard	76	
		5	Parnell, undrained	20	
		3	Tonka, undrained	40	
		1	Wabek	23	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
C155F (2q3bg)	Zahl-Max-Arnegard loams, 15 to 60 percent slopes				25
		40	Zahl	17	
		30	Max	24	
		19	Arnegard	40	
		4	Wabek	14	
		3	Harriet, occasionally flooded	25	
		2	Noonan	45	
		1	Hamerly	80	
		1	Niobell	57	
C156F (2q3bd)	Zahl-Max-Bowbells loams, 6 to 35 percent slopes				36
		54	Zahl	24	
		22	Max	34	
		18	Bowbells	76	
		1	Hamerly	80	
		1	Noonan	26	
		1	Parnell, undrained	20	
		1	Southam, undrained	0	
		1	Tonka, undrained	40	
		1	Wabek	14	
C161C (2q52n)	Williams-Zahl loams, 3 to 9 percent slopes, very stony				45
		60	Williams, very stony	38	
		20	Zahl, very stony	46	
		8	Williams	85	
		3	Hamerly	80	
		3	Parnell, undrained	20	
		2	Bowbells	97	
		2	Tonka, undrained	40	
		1	Lehr	43	
		1	Noonan	43	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
C164B (2q2jk)	Williams-Falkirk loams, 3 to 6 percent slopes				80
		60	Williams	85	
		25	Falkirk	85	
		7	Lehr	43	
		3	Bowdle	58	
		3	Noonan	45	
		2	Tonka	85	
C165F (2q3b9)	Zahl-Max-Parnell complex, 0 to 35 percent slopes				33
		32	Zahl	24	
		24	Max	34	
		20	Parnell, undrained	20	
		6	Bowbells	76	
		4	Hamerly	85	
		4	Vallers	70	
		3	Southam, undrained	0	
		3	Tonka, undrained	40	
		2	Noonan	45	
		2	Wabek	17	
C210A (2q3bl)	Williams-Bowbells loams, 0 to 3 percent slopes				88
		60	Williams	90	
		21	Bowbells	100	
		8	Zahl	60	
		3	Hamerly	85	
		2	Noonan	45	
		2	Tonka	85	
		2	Vallers	70	
		1	Lehr	45	
		1	Parnell	75	
C210B (2q3bk)	Williams-Bowbells loams, 3 to 6 percent slopes				84
		45	Williams	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		33	Bowbells	95	
		6	Zahl	57	
		5	Zahill	57	
		3	Hamerly	85	
		2	Noonan	45	
		2	Tonka	85	
		2	Vallers	70	
		1	Lehr	45	
		1	Parnell	75	
C240B (2q76n)	Williams lacustrine, clay loam, 3 to 6 percent slopes				84
		89	Williams, lacustrine	85	
		6	Nutley, west	80	
		3	Tonka	85	
		2	Parnell	75	
C272A (2q2ks)	Hamerly-Tonka complex, 0 to 3 percent slopes				81
		45	Hamerly	85	
		30	Tonka	85	
		6	Hamerly, saline	43	
		5	Bowbells	100	
		5	Parnell	75	
		5	Vallers	70	
		2	Divide	65	
		2	Noonan	45	
C290A (2q76s)	Max-Arnegard loams, coarse loamy, 0 to 3 percent slopes				83
		47	Max, coarse loamy	80	
		33	Arnegard, coarse loamy	90	
		6	Parshall, loamy substratum	80	
		5	Arnegard	100	
		2	Fram	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		2	Tonka	85	
		2	Zahl, coarse loamy	57	
		1	Lehr	43	
		1	Noonan, coarse loamy	45	
		1	Parnell	75	
C290B (2q76t)	Max-Arnegard loams, coarse loamy, 3 to 6 percent slopes				77
		45	Max, coarse loamy	76	
		30	Arnegard, coarse loamy	85	
		10	Zahl, coarse loamy	57	
		3	Arnegard	95	
		3	Fram	85	
		3	Parshall, loamy substratum	76	
		2	Noonan, coarse loamy	43	
		2	Tonka	85	
		1	Lehr	43	
		1	Parnell	75	
C291A (2q76p)	Fram loam, 0 to 3 percent slopes				79
		62	Fram	85	
		10	Fram, saline	43	
		8	Arnegard, coarse loamy	90	
		7	Tonka	85	
		6	Vallers	70	
		3	Hamerly	85	
		1	Balaton, west	71	
		1	Noonan	45	
		1	Parnell	75	
		1	Southam	50	
C292C (2q76v)	Max-Zahl-Zahill complex, coarse loamy, 6 to 9 percent slopes				55
		48	Max, coarse loamy	61	
		20	Zahl, coarse loamy	46	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		15	Zahill, coarse loamy	38	
		8	Arnegard, coarse loamy	68	
		5	Tally	50	
		1	Lehr	34	
		1	Parnell	75	
		1	Southam	50	
		1	Tonka	85	
C293D (2q1pb)	Zahl-Max loams, coarse loamy, 9 to 15 percent slopes				42
		50	Zahl, coarse loamy	35	
		35	Max, coarse loamy	46	
		8	Arnegard, coarse loamy	68	
		2	Tonka, undrained	40	
		1	Fram	85	
		1	Krem	29	
		1	Lihen	26	
		1	Parnell, undrained	20	
		1	Wabek	11	
C293F (2q1p9)	Zahl-Max loams, coarse loamy, 15 to 35 percent slopes				32
		56	Zahl, coarse loamy	24	
		24	Max, coarse loamy	32	
		12	Arnegard, coarse loamy	68	
		2	Lihen	18	
		2	Tonka, undrained	40	
		1	Fram	85	
		1	Parnell, undrained	20	
		1	Southam, undrained	0	
		1	Wabek	14	
C294A (2q7c9)	Fram-Tonka complex, 0 to 3 percent slopes				84
		60	Fram	85	
		30	Tonka	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Vallers	70	
		2	Hamerly	85	
		2	Wyard	90	
		1	Noonan	43	
		1	Parnell	75	
		1	Southam	50	
C317B (2q2gq)	Lihen-Telfer loamy fine sands, 0 to 6 percent slopes				45
		65	Lihen	44	
		20	Telfer	38	
		5	Flaxton	67	
		4	Parshall	67	
		3	Appam	38	
		3	Hamar	60	
C326C (2q2gt)	Lihen-Parshall-Telfer complex, 6 to 9 percent slopes				41
		34	Lihen	34	
		30	Parshall	54	
		28	Telfer	30	
		8	Tally	64	
C350A (2q3hr)	Flaxton fine sandy loam, 0 to 3 percent slopes				69
		75	Flaxton	70	
		5	Williams	90	
		4	Lehr	45	
		4	Parshall	70	
		3	Krem	49	
		3	Noonan	45	
		3	Zahl	60	
		2	Tonka	85	
		1	Parnell	75	
C350B (2q3hs)	Flaxton fine sandy loam, 3 to 6 percent slopes				66
		71	Flaxton	67	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Williams	85	
		5	Zahl	57	
		4	Parshall	67	
		4	Zahill	57	
		3	Krem	49	
		2	Lehr	43	
		2	Noonan	43	
		2	Tonka	85	
		1	Parnell	75	
C379C (2q76z)	Krem-Lihen-Zahl complex, 0 to 9 percent slopes				49
		35	Krem	49	
		28	Lihen	44	
		17	Zahl	46	
		8	Livona	54	
		7	Flaxton	68	
		3	Parshall	54	
		1	Arveson	60	
		1	Portal	40	
C379E (2q770)	Krem-Lihen-Zahl complex, 9 to 25 percent slopes				26
		36	Krem	29	
		30	Lihen	18	
		22	Zahl	24	
		5	Livona	41	
		4	Flaxton	54	
		2	Wabek	14	
		1	Arveson	60	
C411B (2q4wr)	Makoti silty clay loam, 2 to 6 percent slopes				87
		58	Makoti	90	
		14	Tansem	80	
		13	Nutley, west	80	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Roseglen	100	
		4	Sakakawea	57	
		3	Bearden	95	
		2	Tonka	85	
C424A (2q77j)	Nutley west, silty clay, 0 to 2 percent slopes				85
		65	Nutley, west	85	
		13	Wildrose	90	
		10	Tansem	85	
		4	Makoti	95	
		3	Sakakawea	60	
		2	Colvin	70	
		2	Tonka	85	
		1	Bearden	95	
C424B (2q4xc)	Nutley west, silty clay, 2 to 6 percent slopes				81
		70	Nutley, west	80	
		12	Wildrose	90	
		6	Sakakawea	57	
		5	Tansem	80	
		4	Makoti	95	
		2	Bearden	95	
		1	Williams	87	
C428A (2q1pd)	Fargo silty clay, 0 to 1 percent slopes				89
		83	Fargo	90	
		5	Hegne	85	
		5	Makoti	95	
		3	Dovray, very poorly drained	60	
		2	Alkabo, clayey substratum	75	
		2	Nutley, west	85	
C557A (2q2kh)	Miranda-Noonan loams, 0 to 3 percent slopes				43
		54	Miranda	30	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		26	Noonan	45	
		9	Niobell	75	
		5	Tonka	85	
		2	Hamerly, saline	43	
		2	Parnell	75	
		2	Williams	90	
C580A (2q2kr)	Harriet-Regan-Stirum complex, 0 to 2 percent slopes, occasionally flooded				36
		30	Harriet, occasionally flooded	25	
		28	Regan, occasionally flooded	65	
		27	Stirum, occasionally flooded	20	
		7	Miranda	30	
		4	Ranslo, occasionally flooded	27	
		2	Arveson, saline	30	
		1	Noonan	45	
		1	Portal	40	
C584A (2q4w9)	Harriet loam, 0 to 2 percent slopes				30
		76	Harriet, occasionally flooded	25	
		8	Ranslo, occasionally flooded	27	
		5	Marysland	60	
		3	Lowe, occasionally flooded	70	
		2	Noonan	45	
		2	Stirum, occasionally flooded	25	
		1	Fluvaquents, channeled, frequently flooded	0	
		1	Moritz, occasionally flooded	85	
		1	Regan, moderately saline, occassionally flooded	33	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		1	Straw, occasionally flooded	95	
C661B (2q52b)	Niobell-Noonan loams, 3 to 6 percent slopes				62
		33	Niobell	71	
		30	Noonan	43	
		13	Hamerly	85	
		11	Williams	85	
		8	Miranda	28	
		3	Zahl	57	
		1	Parnell	75	
		1	Tonka	85	
C665B (2q2k9)	Noonan-Niobell-Williams loams, 0 to 6 percent slopes				61
		40	Noonan	44	
		29	Niobell	71	
		18	Williams	85	
		5	Miranda	30	
		3	Tonka	85	
		2	Hamerly	85	
		2	Heil	35	
		1	Parnell	75	
C667B (2q2jm)	Williams-Niobell loams, 3 to 6 percent slopes				77
		50	Williams	85	
		30	Niobell	71	
		7	Noonan	45	
		5	Bowbells	100	
		4	Zahl	57	
		2	Hamerly	85	
		1	Miranda	30	
		1	Tonka	85	
C751A (2q3gv)	Parshall fine sandy loam, 0 to 2 percent slopes				70
		67	Parshall	70	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		11	Tally	65	
		4	Arnegard	100	
		4	Bryant	90	
		4	Flaxton	70	
		4	Lihen	44	
		3	Bowdle	60	
		2	Appam	38	
		1	Niobell	75	
C800B (2q3gf)	Appam sandy loam, 2 to 6 percent slopes				39
		81	Appam	38	
		7	Wabek	19	
		4	Bowdle	60	
		4	Lihen	44	
		2	Divide	65	
		1	Arveson	60	
		1	Lehr	43	
C816A (2q3gp)	Lehr loam, 0 to 2 percent slopes				48
		78	Lehr	45	
		6	Bowdle	60	
		5	Wabek	25	
		3	Appam	40	
		3	Arnegard	100	
		3	Falkirk	90	
		2	Ruso	40	
C816B (2q2h3)	Lehr loam, 2 to 6 percent slopes				44
		66	Lehr	43	
		13	Wabek	19	
		12	Bowdle	60	
		4	Falkirk	85	
		2	Ruso	39	
		2	Sakakawea	57	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		1	Divide	65	
C816C (2q2h4)	Lehr loam, 6 to 9 percent slopes				38
		65	Lehr	34	
		15	Falkirk	68	
		10	Wabek	19	
		5	Appam	30	
		5	Sakakawea	48	
C819B (2q3gq)	Lehr-Wabek loams, 2 to 6 percent slopes				42
		45	Lehr	43	
		35	Wabek	33	
		10	Bowdle	60	
		5	Appam	38	
		2	Colvin, very poorly drained	60	
		1	Divide	65	
		1	Parshall	70	
		1	Tonka	85	
C825A (2q2hs)	Divide loam, 0 to 2 percent slopes				61
		63	Divide	65	
		12	Wyrene	55	
		6	Marysland	60	
		5	Hamerly	85	
		4	Bowdle	60	
		4	Divide, saline	33	
		3	Lowe, moderately saline, occasionally flooded	20	
		2	Arveson	60	
		1	Lehr	45	
C829A (2pwf6)	Marysland loam, 0 to 1 percent slopes				59
		75	Marysland	60	
		7	Divide	65	
		6	Harriet, occasionally flooded	25	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		4	Lowe, occasionally flooded	70	
		3	Hamerly	85	
		3	Wyrene	55	
		1	Arveson	60	
		1	Rauville, occasionally flooded	35	
C853B (2q534)	Ruso-Appam coarse sandy loams, 2 to 6 percent slopes				40
		65	Ruso	38	
		24	Appam	38	
		3	Bowdle	57	
		3	Livona	68	
		3	Schaller	29	
		2	Marysland	60	
C870E (2q737)	Wabek-Lehr-Appam complex, 9 to 25 percent slopes				24
		42	Wabek	17	
		25	Lehr	22	
		20	Appam	23	
		4	Divide	65	
		4	Marysland	60	
		3	Parshall	41	
		2	Parnell, undrained	20	
C874B (2q3h4)	Wabek-Appam complex, 2 to 6 percent slopes				32
		57	Wabek	19	
		18	Appam	38	
		13	Bowdle	60	
		3	Divide	65	
		3	Lehr	45	
		2	Arveson	60	
		2	Marysland	60	
		2	Ruso	38	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
C874C (2q3h5)	Wabek-Appam complex, 6 to 9 percent slopes				25
		57	Wabek	19	
		38	Appam	30	
		2	Divide	65	
		1	Arveson	60	
		1	Lehr	45	
		1	Marysland	60	
C877B (2q39t)	Wabek-Lehr complex, 2 to 6 percent slopes				33
		53	Wabek	19	
		27	Lehr	43	
		10	Bowdle	58	
		6	Arveson	60	
		1	Appam	38	
		1	Divide	65	
		1	Marysland	60	
		1	Zahl	57	
C877C (2qyft)	Wabek-Lehr complex, 6 to 9 percent slopes				29
		51	Wabek	19	
		35	Lehr	34	
		8	Bowdle	58	
		2	Marysland	60	
		1	Appam	30	
		1	Arveson	60	
		1	Divide	65	
		1	Sakakawea	48	
C891C (2q3bp)	Wabek-Williams complex, 2 to 9 percent slopes				43
		24	Wabek	19	
		21	Williams	85	
		18	Wabek	19	
		12	Appam	30	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		10	Lehr	43	
		10	Zahl	46	
		5	Arnegard	95	
C895D (2q839)	Wabek-Williams-Zahl complex, 9 to 15 percent slopes, very stony				27
		35	Wabek, very stony	7	
		24	Williams, very stony	29	
		24	Zahl, very stony	18	
		7	Arnegard	95	
		5	Williams	85	
		3	Appam	30	
		1	Divide	65	
		1	Parnell	75	
C897E (2q3br)	Wabek-Max-Zahl loams, 9 to 25 percent slopes				29
		36	Wabek	14	
		27	Max	48	
		20	Zahl	24	
		10	Appam	23	
		5	Arnegard	76	
		2	Parnell, undrained	20	
C990F (2q3c2)	Pits, gravel and sand, 0 to 60 percent slopes				13
		70	Pits, Gravel And Sand, extremely gravelly	6	
		10	Wabek	14	
		5	Appam	38	
		5	Bowdle	60	
		5	Lehr	43	
		5	Water, intermittent	0	
C993F (2q781)	Ustarents loamy, canal-Water complex, 0 to 75 percent slopes				9
		65	Ustarents, loamy, canal	11	
		25	Water	0	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		5	Zahill	17	
		5	Zahl	24	
C996 (2q58t)	Water				0
		100	Water	0	
C998 (2q52d)	Water, miscellaneous				0
		100	Water, miscellaneous	0	
G2A (2q3tp)	Tonka silt loam, 0 to 1 percent slopes				81
		73	Tonka	85	
		9	Parnell	75	
		6	Wyard	90	
		4	Vallers	70	
		3	Hamerly	85	
		3	Manfred	25	
		2	Cavour	45	
G3A (2q3tq)	Parnell silty clay loam, 0 to 1 percent slopes				69
		64	Parnell	75	
		10	Vallers	70	
		9	Vallers, moderately saline	35	
		6	Southam	50	
		5	Tonka	85	
		3	Ferney	30	
		3	Hamerly	85	
G4A (2q3tr)	Southam silty clay loam, 0 to 1 percent slopes				49
		68	Southam	50	
		9	Vallers, moderately saline	35	
		6	Arveson	50	
		5	Water, intermittent	---	
		4	Parnell	75	
		3	Manfred	25	
		3	Mauvais	60	
		2	Minnewaukan	35	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
G6A (2q3ts)	Vallers loam, 0 to 1 percent slopes				70
		67	Vallers	70	
		13	Hamerly	85	
		8	Vallers, moderately saline	35	
		5	Tonka	85	
		3	Parnell	75	
		2	Barnes	85	
		2	Cresbard	75	
G12A (2q3tt)	Vallers, saline-Parnell complex, 0 to 1 percent slopes				56
		31	Vallers, moderately saline	35	
		27	Parnell	75	
		14	Vallers	70	
		7	Tonka	85	
		6	Hamerly, moderately saline	43	
		5	Manfred	25	
		4	Southam	50	
		3	Easby	15	
		3	Wyard, saline-sodic substratum	90	
G25A (2q3tv)	Marysland loam, 0 to 1 percent slopes				59
		71	Marysland	60	
		11	Divide	65	
		7	Marysland, very poorly drained	50	
		5	Totten	25	
		3	Divide, loamy substratum	70	
		3	Marysland, loamy substratum	65	
G26A (2q3tw)	Marysland loam, very poorly drained, 0 to 1 percent slopes				49
		84	Marysland, very poorly drained	50	
		4	Marysland, moderately saline	33	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Divide	65	
		3	Marysland, loamy substratum	65	
		3	Rauville, frequently flooded	35	
		3	Totten	25	
G29A (2q4hs)	Marysland loam, loamy substratum, 0 to 1 percent slopes				63
		71	Marysland, loamy substratum	65	
		11	Divide, loamy substratum	70	
		7	Marysland, very poorly drained	50	
		5	Totten, loamy substratum	30	
		3	Divide	65	
		3	Marysland	60	
G32A (2q50g)	Fossum fine sandy loam, very poorly drained, 0 to 1 percent slopes				31
		69	Fossum, very poorly drained	20	
		14	Fossum	60	
		8	Arveson	50	
		6	Arveson, very poorly drained	50	
		3	Venlo	60	
G33A (2q4ht)	Fossum fine sandy loam, 0 to 1 percent slopes				60
		75	Fossum	60	
		8	Venlo	60	
		4	Arveson	50	
		4	Tiffany	75	
		3	Garborg	50	
		3	Ulen	50	
		3	Wyndmere	65	
G36A (2q3v1)	Tiffany fine sandy loam, 0 to 1 percent slopes				68
		69	Tiffany	75	
		10	Arveson	50	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		8	Fossum	50	
		6	Wyndmere	65	
		4	Arveson, moderately saline	25	
		3	Borup	70	
G72A (2q4np)	Venlo-Fossum fine sandy loams, 0 to 1 percent slopes				58
		53	Venlo	60	
		41	Fossum	60	
		4	Stirum	20	
		2	Ulen	60	
G73A (2q4nq)	Venlo fine sandy loam, ponded, 0 to 1 percent slopes				25
		80	Venlo, ponded	20	
		9	Hamar	60	
		5	Water, intermittent	---	
		3	Arveson	50	
		3	Stirum	20	
G74A (2q4ny)	Fossum loamy sand, 0 to 1 percent slopes				49
		61	Fossum	50	
		13	Garborg	50	
		12	Arveson	50	
		10	Ulen	50	
		4	Fossum, very poorly drained	20	
G100A (2q3vh)	Hamerly-Tonka complex, 0 to 3 percent slopes				79
		37	Hamerly	85	
		28	Tonka	85	
		7	Wyard	90	
		6	Vallers	70	
		5	Balaton	71	
		5	Parnell	75	
		4	Hamerly, moderately saline	43	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Barnes	80	
		3	Cavour	45	
		2	Vallers, moderately saline	35	
G101A (2q3vj)	Hamerly-Wyard loams, 0 to 3 percent slopes				82
		46	Hamerly	85	
		24	Wyard	90	
		8	Tonka	85	
		7	Balaton	71	
		5	Hamerly, moderately saline	43	
		4	Vallers	70	
		3	Barnes	80	
		3	Cresbard	75	
G117A (2q3vm)	Hamerly loam, saline, 0 to 3 percent slopes				57
		55	Hamerly, moderately saline	43	
		12	Wyard, saline-sodic substratum	90	
		8	Hamerly	85	
		8	Vallers, moderately saline	35	
		7	Balaton, saline-sodic substratum	71	
		5	Barnes	80	
		3	Tonka	85	
		2	Cresbard	75	
G118A (2q3vn)	Vallers loam, saline, 0 to 1 percent slopes				50
		60	Vallers, moderately saline	35	
		13	Hamerly	85	
		8	Vallers	70	
		5	Tonka	85	
		4	Hamerly, moderately saline	43	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Easby	15	
		3	Parnell	75	
		2	Barnes	85	
		2	Cresbard	75	
G120A (2q3vq)	Vallers, saline-Manfred complex, 0 to 1 percent slopes				46
		32	Vallers, moderately saline	35	
		25	Manfred	25	
		14	Vallers	70	
		7	Hamerly	85	
		6	Easby	15	
		5	Parnell	75	
		5	Wyard, saline-sodic substratum	90	
		4	Tonka	85	
		2	Ferney	30	
G122A (2q3vr)	Svea-Cresbard loams, 0 to 3 percent slopes				82
		41	Svea, saline-sodic substratum	100	
		30	Cresbard	75	
		5	Barnes	85	
		5	Hamerly	85	
		4	Ferney	30	
		3	Balaton, saline-sodic substratum	71	
		3	Cavour	45	
		3	Fordville	60	
		3	Hamerly, moderately saline	43	
		3	Tonka	85	
G122B (2pwzb)	Barnes-Cresbard loams, 3 to 6 percent slopes				77
		42	Barnes	80	
		39	Cresbard	76	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		4	Balaton, saline-sodic substratum	71	
		4	Buse	57	
		3	Cavour	43	
		3	Hamerly	85	
		3	Svea, saline-sodic substratum	100	
		1	Parnell	75	
		1	Tonka	85	
G124A (2pwzd)	Cresbard-Cavour loams, 0 to 3 percent slopes				67
		49	Cresbard	75	
		25	Cavour	45	
		9	Barnes	85	
		5	Ferney	30	
		5	Hamerly	85	
		3	Svea, saline-sodic substratum	100	
		2	Tonka	85	
		2	Vallers, moderately saline	35	
G124B (2q4ns)	Cresbard-Cavour loams, 3 to 6 percent slopes				66
		49	Cresbard	76	
		25	Cavour	43	
		9	Barnes	80	
		5	Balaton, saline-sodic substratum	71	
		5	Ferney	30	
		3	Svea, saline-sodic substratum	100	
		2	Tonka	85	
		2	Vallers, moderately saline	35	
G125A (2pwzf)	Cavour-Cresbard loams, 0 to 3 percent slopes				60
		49	Cavour	45	
		25	Cresbard	75	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		9	Barnes	85	
		5	Ferney	30	
		5	Hamerly	85	
		3	Svea, saline-sodic substratum	100	
		2	Tonka	85	
		2	Vallers, moderately saline	35	
G128A (2pwzg)	Ferney-Cavour loams, 0 to 3 percent slopes				38
		40	Ferney	30	
		38	Cavour	45	
		10	Vallers, moderately saline	35	
		5	Manfred	25	
		4	Hamerly, moderately saline	43	
		2	Svea, saline-sodic substratum	100	
		1	Cresbard	75	
G143A (2pwz7)	Barnes-Svea loams, 0 to 3 percent slopes				87
		39	Barnes	85	
		35	Svea	100	
		6	Hamerly	85	
		3	Balaton	75	
		3	Cresbard	75	
		3	Parnell	75	
		3	Renshaw	45	
		3	Swenoda	80	
		3	Tonka	85	
		2	Buse	57	
G143B (2pwz6)	Barnes-Svea loams, 3 to 6 percent slopes				78
		42	Barnes	80	
		21	Svea	95	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		8	Balaton	71	
		5	Buse	57	
		4	Hamerly	85	
		4	Langhei	48	
		4	Renshaw	43	
		3	Cresbard	75	
		3	Parnell	75	
		3	Swenoda	76	
		3	Tonka	85	
G143C (2pwz5)	Barnes-Buse-Langhei loams, 6 to 9 percent slopes				59
		24	Barnes	64	
		23	Buse	46	
		18	Langhei	38	
		14	Svea	95	
		3	Balaton	71	
		3	Cresbard	76	
		3	Lanona	67	
		3	Parnell	75	
		3	Renshaw	43	
		3	Sioux	15	
		3	Tonka	85	
G143D (2pwz4)	Barnes-Buse-Langhei loams, 9 to 15 percent slopes				41
		31	Barnes	48	
		24	Buse	35	
		15	Langhei	29	
		12	Svea	76	
		6	Langhei, very stony	15	
		3	Lanona	54	
		3	Parnell, undrained	20	
		3	Sioux	14	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Tonka, undrained	40	
G143F (2pwz3)	Buse-Barnes loams, 15 to 35 percent slopes				29
		34	Buse	24	
		29	Barnes	34	
		10	Svea, well drained	54	
		9	Langhei	14	
		6	Langhei, very stony	7	
		3	Lanona	54	
		3	Parnell, undrained	20	
		3	Sioux	11	
		3	Tonka, undrained	40	
G144B (2pwz2)	Barnes-Buse loams, 3 to 6 percent slopes				73
		25	Barnes	80	
		24	Buse	57	
		14	Svea	95	
		10	Balaton	71	
		7	Hamerly	85	
		5	Tonka	85	
		4	Langhei	48	
		3	Cresbard	75	
		3	Parnell	75	
		3	Swenoda	80	
		2	Sioux	19	
G146B (2pwyz)	Barnes-Buse-Parnell complex, 0 to 6 percent slopes				75
		29	Barnes	80	
		23	Buse	57	
		15	Parnell	75	
		9	Svea	100	
		7	Balaton	71	
		7	Hamerly	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		5	Tonka	85	
		3	Cresbard	75	
		1	Sioux	19	
		1	Southam	50	
G146C (2pwyy)	Buse-Barnes-Parnell complex, 0 to 9 percent slopes				59
		27	Buse	46	
		21	Barnes	64	
		15	Parnell	75	
		14	Langhei	38	
		8	Svea	95	
		5	Balaton	71	
		3	Cresbard	75	
		3	Sioux	15	
		3	Tonka	85	
		1	Southam	50	
G146F (2pwyx)	Buse-Barnes-Parnell complex, 0 to 35 percent slopes				31
		30	Buse	24	
		26	Barnes	34	
		15	Parnell, undrained	20	
		10	Svea	76	
		7	Langhei	14	
		3	Langhei, very stony	7	
		3	Lanona	54	
		3	Sioux	11	
		3	Tonka, undrained	40	
G147D (2pwyv)	Buse-Barnes-Darnen loams, 6 to 15 percent slopes				47
		28	Buse	35	
		26	Barnes	48	
		23	Darnen	76	
		9	Langhei	29	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Langhei, very stony	15	
		3	Sioux	14	
		3	Swenoda	61	
		2	Lowe, occasionally flooded	70	
G147F (2pwyt)	Buse-Barnes-Darnen loams, 9 to 35 percent slopes				34
		26	Buse	24	
		25	Barnes	34	
		24	Darnen	57	
		10	Langhei	14	
		6	Langhei, very stony	7	
		3	Lanona	54	
		3	Lowe, occasionally flooded	70	
		3	Sioux	11	
G210A (2px04)	Fram-Tonka complex, 0 to 3 percent slopes				76
		40	Fram	85	
		24	Tonka	85	
		8	Vallers, moderately saline	35	
		7	Wyard	90	
		5	Fram, moderately saline	43	
		5	Ortonville	66	
		5	Parnell	75	
		3	Heimdal	76	
		3	Larson	45	
G211A (2px05)	Fram-Wyard loams, 0 to 3 percent slopes				80
		46	Fram	85	
		24	Wyard	90	
		8	Tonka	85	
		7	Ortonville	66	
		5	Vallers, moderately saline	35	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		4	Fram, moderately saline	43	
		3	Cathay	75	
		3	Heimdal	76	
G216A (2px08)	Fram loam, saline, 0 to 3 percent slopes				59
		54	Fram, moderately saline	43	
		14	Wyard, saline-sodic substratum	90	
		10	Fram	85	
		8	Tonka	85	
		5	Ortonville	66	
		4	Vallers, moderately saline	35	
		3	Heimdal	80	
		2	Wyrene, loamy substratum, saline-sodic sub	60	
G218A (2q61n)	Emrick-Larson loams, 0 to 3 percent slopes				65
		40	Emrick, saline-sodic substratum	90	
		35	Larson	45	
		8	Heimdal	80	
		7	Uranda	30	
		5	Easby	15	
		5	Tonka	85	
G221A (2q4hm)	Emrick-Cathay loams, 0 to 3 percent slopes				76
		27	Emrick, saline-sodic substratum	90	
		21	Cathay	75	
		11	Heimdal	80	
		10	Larson	45	
		8	Fram	85	
		8	Wyard, saline-sodic substratum	90	
		4	Ortonville, saline-sodic substratum	66	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Fram, moderately saline	43	
		3	Tonka	85	
		3	Uranda	30	
		2	Renshaw	45	
G221B (2q4hn)	Heimdal-Cathay loams, 3 to 6 percent slopes				69
		28	Heimdal	76	
		25	Cathay	71	
		11	Ortonville, saline-sodic substratum	66	
		9	Larson	45	
		6	Emrick, saline-sodic substratum	90	
		6	Wyard, saline-sodic substratum	90	
		4	Esmond	57	
		3	Fram, moderately saline	43	
		3	Tonka	85	
		3	Uranda	30	
		2	Renshaw	43	
G224A (2q4hq)	Cathay-Larson loams, 0 to 3 percent slopes				68
		40	Cathay	75	
		20	Larson	45	
		10	Fram	85	
		6	Wyard, saline-sodic substratum	90	
		5	Fram, moderately saline	43	
		5	Uranda	30	
		4	Emrick, saline-sodic substratum	90	
		4	Heimdal	80	
		3	Ortonville, saline-sodic substratum	66	
		3	Tonka	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
G225A (2q4hh)	Larson-Cathay loams, 0 to 3 percent slopes				59
		33	Larson	45	
		20	Cathay	75	
		12	Uranda	30	
		10	Fram	85	
		7	Fram, moderately saline	43	
		6	Heimdal	80	
		4	Wyard, saline-sodic substratum	90	
		3	Ortonville, saline-sodic substratum	66	
		3	Tonka	85	
		2	Renshaw	45	
G226A (2q4hj)	Uranda-Larson loams, 0 to 3 percent slopes				51
		29	Uranda	30	
		19	Larson	45	
		12	Fram, moderately saline	43	
		8	Cathay	75	
		8	Tonka	85	
		6	Emrick, saline-sodic substratum	90	
		6	Wyard, saline-sodic substratum	90	
		5	Manfred	25	
		4	Fram	85	
		3	Renshaw	26	
G229A (2q4hv)	Heimdal-Emrick loams, 0 to 3 percent slopes				81
		39	Heimdal	80	
		37	Emrick	90	
		3	Cathay	75	
		3	Embden	75	
		3	Esmond	57	
		3	Fram	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Ortonville	66	
		3	Parnell	75	
		3	Renshaw	45	
		3	Tonka	85	
G229B (2q4hw)	Heimdal-Emrick loams, 3 to 6 percent slopes				76
		43	Heimdal	76	
		26	Emrick	85	
		8	Ortonville	66	
		4	Esmond	57	
		4	Fram	85	
		3	Cathay	75	
		3	Parnell	75	
		3	Renshaw	43	
		3	Sisseton	48	
		3	Tonka	85	
G229C (2q4hx)	Heimdal-Esmond-Sisseton loams, 6 to 9 percent slopes				58
		28	Heimdal	61	
		20	Esmond	46	
		18	Sisseton	38	
		13	Emrick	85	
		5	Egeland	67	
		4	Sioux	15	
		3	Cathay	71	
		3	Fram	85	
		3	Parnell	75	
		3	Tonka	85	
G229D (2q4hy)	Heimdal-Esmond-Sisseton loams, 9 to 15 percent slopes				40
		31	Heimdal	46	
		24	Esmond	35	
		15	Sisseton	29	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		12	Emrick	68	
		6	Sisseton, very stony	15	
		3	Egeland	54	
		3	Parnell, undrained	20	
		3	Sioux	14	
		3	Tonka, undrained	40	
G229F (2q4hz)	Esmond-Heimdal loams, 15 to 35 percent slopes				30
		41	Esmond	24	
		29	Heimdal	32	
		10	Emrick	68	
		8	Sisseton, very stony	4	
		3	Lanona	54	
		3	Parnell, undrained	20	
		3	Sioux	11	
		3	Tonka, undrained	40	
G230B (2q4j0)	Heimdal-Esmond loams, 3 to 6 percent slopes				68
		27	Heimdal	76	
		26	Esmond	57	
		10	Emrick	85	
		10	Sisseton	48	
		7	Fram	85	
		6	Ortonville	66	
		5	Tonka	85	
		3	Cathay	75	
		3	Parnell	75	
		3	Sioux	19	
G231A (2q4j1)	Embden-Heimdal complex, 0 to 3 percent slopes				74
		38	Embden	75	
		20	Heimdal	80	
		11	Fram	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Emrick	90	
		6	Hecla	50	
		5	Binford	45	
		5	Ortonville	66	
		3	Larson	45	
		3	Tonka	85	
		3	Vallers	70	
G231B (2q4j2)	Embden-Heimdal complex, 3 to 6 percent slopes				70
		35	Embden	71	
		32	Heimdal	76	
		7	Emrick	85	
		6	Maddock	43	
		5	Binford	43	
		3	Fram	85	
		3	Larson	45	
		3	Ortonville	66	
		3	Sisseton	48	
		3	Tonka	85	
G232B (2q4j4)	Heimdal-Esmond-Parnell complex, 0 to 6 percent slopes				72
		29	Heimdal	76	
		23	Esmond	57	
		16	Parnell	75	
		9	Emrick	85	
		7	Fram	85	
		7	Ortonville	66	
		5	Tonka	85	
		3	Cathay	75	
		1	Sioux	19	
G232C (2q4j5)	Esmond-Heimdal-Parnell complex, 0 to 9 percent slopes				58
		27	Esmond	46	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		18	Heimdal	61	
		15	Parnell	75	
		14	Sisseton	38	
		8	Emrick	85	
		3	Cathay	75	
		3	Fram	85	
		3	Lanona	54	
		3	Ortonville	66	
		3	Sioux	15	
		3	Tonka	85	
G232F (2q4j6)	Esmond-Heimdal-Parnell complex, 0 to 35 percent slopes				29
		31	Esmond	24	
		27	Heimdal	32	
		15	Parnell, undrained	20	
		10	Emrick	68	
		8	Sisseton, very stony	4	
		3	Egeland	41	
		3	Sioux	11	
		3	Tonka, undrained	40	
G233C (2q4j7)	Esmond-Heimdal-Darnen loams, 3 to 9 percent slopes				61
		28	Esmond	46	
		23	Heimdal	61	
		22	Darnen	95	
		6	Sisseton, very stony	38	
		6	Sisseton	38	
		3	Cathay	71	
		3	Embden	57	
		3	Fram	85	
		3	Lowe, occasionally flooded	70	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Sioux	15	
G233D (2q4j8)	Esmond-Heimdal-Darnen loams, 6 to 15 percent slopes				47
		28	Esmond	35	
		27	Heimdal	46	
		23	Darnen	76	
		7	Sisseton	29	
		6	Sisseton, very stony	15	
		3	Embden	57	
		3	Lowe, occasionally flooded	70	
		3	Sioux	14	
G233F (2q4j9)	Esmond-Heimdal-Darnen loams, 9 to 35 percent slopes				32
		37	Esmond	24	
		27	Heimdal	32	
		19	Darnen	57	
		8	Sisseton, very stony	4	
		3	Egeland	41	
		3	Lowe, occasionally flooded	70	
		3	Sioux	11	
G250A (2q4jh)	Divide loam, 0 to 2 percent slopes				62
		70	Divide	65	
		14	Marysland	60	
		4	Fordville	60	
		4	Wyrene	55	
		3	Arvilla	38	
		3	Letcher	40	
		2	Renshaw	45	
G251A (2q4jj)	Divide loam, loamy substratum, 0 to 2 percent slopes				66
		61	Divide, loamy substratum	70	
		13	Divide	65	
		7	Marysland, loamy substratum	65	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Sverdrup	48	
		5	Warsing, loamy substratum	60	
		5	Wyrene, loamy substratum	60	
		3	Letcher	40	
G270A (2q4jy)	Arvilla sandy loam, 0 to 2 percent slopes				40
		77	Arvilla	40	
		6	Renshaw	45	
		5	Arvilla, thick surface	40	
		5	Sioux	20	
		4	Osakis	50	
		3	Divide	65	
G272B (2q4jz)	Arvilla-Sioux complex, 2 to 6 percent slopes				35
		62	Arvilla	38	
		20	Sioux	19	
		5	Arvilla, thick surface	40	
		4	Lohnes	39	
		4	Renshaw	43	
		3	Osakis	50	
		2	Divide	65	
G272C (2q4k0)	Sioux-Arvilla-Renshaw complex, 6 to 9 percent slopes				26
		42	Sioux	15	
		16	Arvilla	30	
		15	Renshaw	34	
		10	Sioux	19	
		6	Arvilla, thick surface	38	
		4	Fordville	60	
		4	Lohnes	39	
		3	Wyrene	55	
G272E (2q4k1)	Sioux-Arvilla-Renshaw complex, 9 to 25 percent slopes				18
		42	Sioux	11	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		16	Arvilla	23	
		15	Renshaw	26	
		14	Sioux	8	
		6	Arvilla, thick surface	38	
		4	Lohnes	26	
		3	Fordville	57	
G275A (2q4k4)	Renshaw loam, 0 to 2 percent slopes				44
		67	Renshaw	45	
		12	Sioux	20	
		8	Warsing	55	
		5	Fordville	60	
		4	Arvilla, thick surface	40	
		4	Divide	65	
G276B (2q4z3)	Renshaw-Sioux complex, 2 to 6 percent slopes				40
		36	Renshaw	43	
		20	Sioux	19	
		10	Fordville	60	
		10	Sioux	24	
		7	Osakis	50	
		6	Warsing	55	
		4	Arvilla	38	
		4	Divide	65	
		3	Marysland	60	
G282A (2q4z5)	Spottswood loam, dry, 0 to 2 percent slopes				66
		62	Spottswood, moderately well drained	65	
		14	Renshaw	45	
		12	Svea	100	
		6	Divide	65	
		2	Barnes	85	
		2	Clontarf	65	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		2	Sioux	19	
G362A (2q5bd)	Stirum-Arveson, saline fine sandy loams, 0 to 1 percent slopes				33
		56	Stirum	20	
		15	Arveson, moderately saline	25	
		10	Tiffany	75	
		7	Fossum, saline-sodic substratum	60	
		3	Arveson	50	
		3	Hamar	50	
		3	Marysland, moderately saline	33	
		3	Wyndmere	65	
G366A (2q5bj)	Hecla loamy fine sand, 0 to 2 percent slopes				52
		62	Hecla	50	
		9	Hecla	60	
		5	Falsen	50	
		5	Hamar	50	
		5	Maddock	43	
		5	Ulen	50	
		3	Embden	75	
		3	Garborg	50	
		3	Venlo	60	
G384B (2q5c0)	Maddock-Hecla loamy fine sands, 0 to 6 percent slopes				45
		54	Maddock	43	
		24	Hecla	50	
		4	Bantry	25	
		4	Hecla	60	
		4	Maddock	52	
		3	Arvilla	38	
		3	Hamar	50	
		2	Garborg	50	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		2	Letcher	40	
G385B (2q5c1)	Maddock loamy fine sand, 0 to 6 percent slopes				46
		74	Maddock	43	
		4	Claire	28	
		4	Maddock	52	
		3	Arvilla	40	
		3	Eckman	90	
		3	Egeland	67	
		3	Embden	75	
		3	Hecla	50	
		3	Zell	57	
G426A (2q5cn)	Minnewaukan loamy fine sand, 0 to 2 percent slopes				33
		68	Minnewaukan	35	
		13	Minnewaukan, moderately saline	20	
		8	Lallie, moderately saline	25	
		3	Mauvais	60	
		3	Minnewasta	60	
		3	Wamduska	7	
		2	Hamar, loamy substratum	55	
G481A (2q5nm)	Overly silty clay loam, 0 to 2 percent slopes				94
		59	Overly	100	
		12	Bearden	95	
		11	Great Bend	85	
		5	Aberdeen	75	
		4	Perella	90	
		3	Colvin, moderately saline	35	
		3	Kindred	90	
		3	Lindaas	95	
G488A (2q5nx)	Nutley silty clay, 0 to 2 percent slopes				84
		90	Nutley	85	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		6	Sinai	90	
		4	Dovray	60	
G488B (2q5ny)	Nutley silty clay, 2 to 6 percent slopes				80
		85	Nutley	80	
		5	Sinai	90	
		4	Barnes	80	
		4	Great Bend	85	
		2	Dovray	60	
G521A (2q5p9)	Lowe loam, 0 to 1 percent slopes, occasionally flooded				65
		77	Lowe, occasionally flooded	70	
		9	Lowe, moderately saline, occasionally flooded	35	
		8	Lowe, very poorly drained, frequently flooded	30	
		4	Moritz, occasionally flooded	85	
		2	La Prairie, occasionally flooded	100	
G522A (2q5pb)	Lowe loam, very poorly drained, 0 to 1 percent slopes, frequently flooded				34
		78	Lowe, very poorly drained, frequently flooded	30	
		8	Lowe, frequently flooded	40	
		8	Lowe, moderately saline, frequently flooded	20	
		4	Moritz, occasionally flooded	85	
		2	La Prairie, occasionally flooded	100	
G523A (2q5pc)	Lowe-Fluvaquents, channeled complex, 0 to 2 percent slopes, frequently flooded				23
		40	Fluvaquents, channeled, frequently flooded	0	
		28	Lowe, frequently flooded	40	
		20	Lowe, moderately saline, frequently flooded	20	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		5	Lowe, very poorly drained, frequently flooded	30	
		5	Moritz, occasionally flooded	85	
		2	La Prairie, occasionally flooded	100	
G546A (2q5pg)	Lowe loam, saline, 0 to 1 percent slopes, occasionally flooded				41
		78	Lowe, moderately saline, occasionally flooded	35	
		9	Lowe, occasionally flooded	70	
		7	Lowe, very poorly drained, frequently flooded	30	
		4	Moritz, saline-sodic sub, occasionally flooded	85	
		2	La Prairie, occasionally flooded	100	
G554A (2q5pm)	Harriet loam, 0 to 1 percent slopes, occasionally flooded				28
		85	Harriet, occasionally flooded	25	
		7	Ryan, occasionally flooded	30	
		4	Lowe, moderately saline, occasionally flooded	35	
		4	Lowe, occasionally flooded	70	
G596A (2q5s0)	Darnen loam, 0 to 2 percent slopes				95
		85	Darnen	100	
		6	Renshaw	45	
		3	Embden	75	
		3	La Prairie, occasionally flooded	100	
		3	Lamoure, occasionally flooded	70	
G596B (2q5s1)	Darnen loam, 2 to 6 percent slopes				89
		81	Darnen	95	
		5	Embden	71	
		5	Fordville	57	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Barnes	80	
		3	La Prairie, occasionally flooded	100	
		3	Sioux	19	
G596C (2q5s2)	Darnen loam, 6 to 9 percent slopes				72
		82	Darnen	76	
		5	Barnes	64	
		5	Embden	71	
		5	Fordville	57	
		3	Sioux	15	
G638D (2q5sr)	Udorthents loamy, borrow area, 0 to 15 percent slopes				32
		92	Udorthents, loamy, borrow area	32	
		2	Renshaw	45	
		2	Sisseton	29	
		2	Udorthents, loamy	14	
		1	Barnes	64	
		1	Water, intermittent	---	
G640F (2q5st)	Udarents loamy, canal-Water complex, 0 to 75 percent slopes				14
		65	Udarents, loamy, canal	11	
		25	Water	---	
		4	Barnes	64	
		4	Sioux	14	
		2	Sisseton	20	
G641F (2q5sv)	Udarents loamy, earthen dam, 1 to 75 percent slopes				11
		100	Udarents, loamy, earthen dam	11	
G651E (2q5vq)	Udarents loamy, abandoned gravel pits, 0 to 25 percent slopes				28
		84	Udarents, loamy, abandoned gravel pits	28	
		7	Sioux	15	
		3	Binford	43	
		3	Renshaw	45	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		3	Water, intermittent	---	
G658B (2q5vy)	Forman-Aastad loams, west, 3 to 6 percent slopes				86
		58	Forman, west	85	
		26	Aastad, west	95	
		6	Balaton	71	
		4	Tonka	85	
		3	Buse	57	
		3	Cresbard	75	
G661B (2q5vz)	Forman-Buse loams, west, 3 to 6 percent slopes				77
		55	Forman, west	85	
		21	Buse	57	
		10	Aastad, west	95	
		5	Tonka	85	
		3	Cavour	43	
		2	Balaton	75	
		2	Parnell	75	
		2	Sioux	19	
G682D (2q5wc)	Heimdal-Sioux complex, 6 to 15 percent slopes				43
		30	Heimdal	61	
		28	Sioux	14	
		11	Emrick	85	
		9	Esmond	35	
		7	Sisseton, very stony	15	
		6	Lanona	54	
		6	Renshaw	34	
		3	Ortonville	66	
G682F (2q5wd)	Esmond-Sioux complex, 9 to 35 percent slopes				26
		34	Esmond	24	
		29	Sioux	11	
		11	Emrick	68	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		9	Sisseton, very stony	4	
		8	Heimdal	46	
		6	Arvilla	23	
		3	Lanona	54	
G731A (2q5wp)	Swenoda fine sandy loam, 0 to 3 percent slopes				77
		59	Swenoda	80	
		10	Barnes	80	
		10	Towner	65	
		7	Hamerly	85	
		5	Wyndmere, loamy substratum	70	
		4	Balaton	71	
		3	Lanona	70	
		2	Arveson	50	
G732A (2q5wq)	Swenoda-Barnes fine sandy loams, 0 to 3 percent slopes				77
		49	Swenoda	80	
		20	Barnes	80	
		10	Towner	65	
		7	Hamerly	85	
		5	Wyndmere, loamy substratum	70	
		4	Balaton	71	
		3	Lanona	70	
		2	Arveson	50	
G732B (2q5wr)	Swenoda-Barnes complex, 3 to 6 percent slopes				74
		39	Swenoda	76	
		27	Barnes	80	
		12	Lanona	67	
		5	Buse	57	
		5	Hamerly	85	
		5	Towner	65	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		5	Wyndmere, loamy substratum	70	
		2	Arveson	50	
G732C (2q5ws)	Lanona-Buse complex, 6 to 9 percent slopes				56
		39	Lanona	54	
		24	Buse	46	
		14	Swenoda	61	
		11	Barnes	64	
		5	Towner	65	
		3	Hamerly	85	
		3	Wyndmere, loamy substratum	70	
		1	Arveson	50	
G735A (2q5wt)	Towner loamy fine sand, 0 to 3 percent slopes				56
		84	Towner	55	
		5	Hecla	50	
		4	Dickey	50	
		3	Swenoda	80	
		2	Divide, loamy substratum	70	
		2	Fossum	60	
G735B (2q5wv)	Towner-Dickey loamy fine sands, 3 to 6 percent slopes				51
		55	Towner	52	
		25	Dickey	48	
		8	Esmond	57	
		6	Hecla	50	
		5	Maddock	43	
		1	Fossum	60	
G737A (2q5ww)	Towner-Barnes fine sandy loams, 0 to 3 percent slopes				70
		44	Towner	65	
		23	Barnes	80	
		12	Dickey	50	
		10	Svea	100	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		4	Cathay	75	
		4	Towner	55	
		3	Garborg	60	
G737B (2q5wx)	Towner-Barnes complex, 3 to 6 percent slopes				65
		38	Towner	63	
		18	Barnes	80	
		14	Dickey	48	
		9	Lanona	67	
		8	Swenoda	80	
		4	Cathay	71	
		3	Buse	46	
		3	Garborg	60	
		3	Hecla	60	
G738C (2q5wy)	Dickey-Buse-Embden complex, 3 to 9 percent slopes				52
		40	Dickey	46	
		26	Buse	46	
		15	Embden	71	
		10	Barnes	80	
		5	Langhei	38	
		4	Maddock	34	
G738E (2q5x0)	Dickey-Buse-Embden complex, 6 to 25 percent slopes				30
		38	Dickey	29	
		28	Buse	24	
		15	Embden	57	
		7	Langhei, very stony	7	
		6	Barnes	48	
		3	Serden	6	
		3	Sioux	14	
G749A (2q5x3)	Towner-Heimdal fine sandy loams, 0 to 3 percent slopes				67
		46	Towner, coarse-loamy till	65	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		22	Heimdal	70	
		12	Dickey, coarse-loamy till	50	
		10	Emrick	90	
		4	Cathay	75	
		3	Garborg	60	
		3	Hecla	50	
G749B (2q60c)	Towner-Heimdal complex, 3 to 6 percent slopes				67
		41	Towner, coarse-loamy till	63	
		22	Heimdal	76	
		14	Dickey, coarse-loamy till	48	
		10	Emrick	90	
		4	Cathay	75	
		3	Esmond	57	
		3	Garborg	60	
		3	Hecla	60	
G750C (2q60d)	Dickey-Esmond-Embden complex, 3 to 9 percent slopes				51
		46	Dickey	46	
		19	Esmond	46	
		15	Embden	71	
		5	Heimdal	61	
		5	Sisseton	38	
		3	Cathay	71	
		3	Larson	40	
		2	Fram	85	
		2	Maddock	42	
G750E (2q60g)	Dickey-Esmond-Embden complex, 6 to 25 percent slopes				39
		24	Dickey	29	
		23	Esmond	24	
		22	Embden, well drained	57	
		13	Heimdal	46	

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MLRA Symbol & (National Symbol)	Map Unit Name	Comp %	Component Name	Component PI Spring Wheat	Map Unit PI Spring Wheat
		8	Lohnes	26	
		7	Swenoda	61	
		2	Arvilla	30	
		1	Cathay	71	
G751A (2q60h)	Swenoda-Larson fine sandy loams, 0 to 3 percent slopes				64
		42	Swenoda, saline-sodic substratum	80	
		36	Larson	40	
		8	Cathay	75	
		6	Towner	65	
		5	Barnes	80	
		2	Wyndmere, loamy substratum	70	
		1	Stirum	20	
G751B (2q60j)	Swenoda-Larson fine sandy loams, 3 to 6 percent slopes				61
		43	Swenoda, saline-sodic substratum	76	
		34	Larson	38	
		9	Cathay	71	
		4	Barnes	76	
		3	Buse	57	
		3	Hecla	60	
		3	Towner	63	
		1	Stirum	20	
G996 (2q616)	Water	100	Water	---	
G997 (2q617)	Water, intermittent				9
		80	Water, intermittent	0	
		10	Southam	50	
		5	Lallie	50	
		5	Lallie, moderately saline	25	
G998 (2q618)	Water, miscellaneous	100	Water, miscellaneous	---	