LESA Worksheet #1

NOTE: The soil mapunits shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

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Survey Area : chesterfield county, virginia (VA041)
              135 mapunits

Indicator crop     : corn
Temperature Regime : thermic
C factor           : 0.00
System irrigated?  : no
Minimum Component  : 15%
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line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
1	1A	fluvaquents	0- 2	6w	65	41	0	21,042	7.5
2	2	udifluvents	0- 2	3w	0	0		397	0.1
3	3A	fluvaquents	0- 1	7w	0	0		836	0.3
4	6B	worsham fine sandy loam	0- 4	5w	85	53	0	5,577	2.0
5	7B	colfax fine sandy loam	2- 6	3w	85	53	0	8,308	3.0
6	8B	tetotum fine sandy loam	0- 2	2w	130	81	2	459	0.2
7	15	made land	0- 0	0	0	0		2,741	1.0
8	16	orthents-udults-mine pits com	2-25	0	0	0		339	0.1
9	17B	gritney fine sandy loam	2- 6	2e	110	69	1	1,600	0.6
10	17C	gritney fine sandy loam	6-12	3e	97	61	S	917	0.3
11	21B	atlee silt loam	0- 4	2e	120	75	1	937	0.3
12	24B	spotsylvania fine sandy loam	2- 6	2e	100	63	1	464	0.2
13	24C	spotsylvania fine sandy loam	6-12	3e	88	55	S	803	0.3
14	26B	toccoa fine sandy loam	0- 4	3w	65	41	0	462	0.2
15	28	chewacla loam	0- 2	3w	140	88	0	800	0.3
16	30B	lenoir silt loam	0- 4	3w	65	41	2	717	0.3
17	31	chastain loam	0- 2	4w	65	41	0	844	0.3
18	33B	coxville loam	2- 6	4w	65	41	2	1,237	0.4
19	37	forestdale silt loam	0- 2	5w	65	41	0	1,729	0.6
20	38B	cecil fine sandy loam	2- 6	2e	100	63	1	1,928	0.7
21	38C	cecil fine sandy loam	6-12	3e	88	55	1	1,842	0.7
22	38D	cecil fine sandy loam	12-20	4e	80	50	0	460	0.2
23	41B	craven fine sandy loam	2- 6	3e	85	53	1	871	0.3
24	42B	appling sandy loam	2- 6	2e	100	63	1	13,312	4.7
25	42C	appling sandy loam	6-12	3e	88	55	1	15,912	5.7
26	42D	appling sandy loam	12-20	4e	80	50	0	3,857	1.4
27	45B	durham-bourne fine sandy loam	2- 6	2e	85	53	1	462	0.2
28	48B	orange sandy loam	2- 6	3e	65	41	S	313	0.1
29	48C	orange sandy loam	6-12	4e	57	36	S	61	0.0
30	49B	bourne fine sandy loam	2- 6	2e	85	53	0	8,260	2.9
31	49C	bourne fine sandy loam	6-12	3e	75	47	0	644	0.2

32	50C	enon-vance complex	2-12	3e	88	55	0	29	0.0
33	50F	enon-louisburg complex	12-40	6e		0	0	160	0.1
34	51B	pamunkey loam	0- 6	2e	160	100	1	1,985	0.7
35	51C	pamunkey loam	6-12	3e	141	88	1	320	0.1
36	51D	pamunkey loam	12-20	3e	128	80	0	12	0.0
37	53B	molena loamy sand	2- 6	3s	60	38	0	108	0.0
38	59B	mayodan sandy loam	2- 6	2e	100	63	1	2,693	1.0
39	59C	mayodan sandy loam	6-12	3e	88	55	S	2,544	0.9
40	59D	mayodan sandy loam	12-20	4e	80	50	0	521	0.2
41	61B	creedmoor fine sandy loam	2- 6	2e	65	41	1	15,691	5.6
42	61C	creedmoor fine sandy loam	6-12	3e	65	41	S	4,046	1.4
43	61C2	creedmoor fine sandy loam	6-12	3e	65	41	S	659	0.2
44	65B	abell sandy loam	2- 8	2e	140	88	1	578	0.2
45	66B	varina fine sandy loam	0- 4	2e	110	69	1	478	0.2
46	67B	lenoir loam	0- 4	5w	65	41	0	965	0.3
47	68B	dogue loam	0- 4	2e	130	81	1	982	0.3
48	70B	norfolk fine sandy loam	0- 6	2e	120	75	1	2,506	0.9
49	71B	buncombe loamy fine sand	0- 4	5w	65	41	0	318	0.1
50	80B	colfax fine sandy loam	0- 4	3w	85	53	0	1,749	0.6
51	82B	kempsville-bourne complex	2- 6	2e	104	65	1	8,115	2.9
52	82C	kempsville-bourne complex	6-12	3e	99	62	S	319	0.1
53	92B	rumford loamy fine sand	2- 6	2e	85	53	1	1,793	0.6
54	92C	rumford loamy fine sand	6-12	3e	75	47	1	255	0.1
55	100	hydraquents	0- 1	7w		0	0	3,169	1.1
56	101B	starr soils	2- 6	2e	140	88	1	556	0.2
57	103B	masada gravelly fine sandy lo	2- 6	2e	117	73	1	1,238	0.4
58	103C	masada gravelly fine sandy lo	6-12	3e	103	64	0	282	0.1
59	105C	louisburg sandy loam	4-12	4e	75	47	0	375	0.1
60	105D	louisburg sandy loam	12-20	6e	68	43	0	1,415	0.5
61	105E	louisburg sandy loam	20-45	7e		0	0	2,556	0.9
62	106B	masada fine sandy loam	2- 6	2e	130	81	1	1,976	0.7
63	106C	masada fine sandy loam	6-12	3e	114	71	S	151	0.1
64	107B	turbeville fine sandy loam	2- 6	2e	130	81	1	913	0.3
65	107C	turbeville fine sandy loam	6-12	3e	114	71	S	266	0.1
66	108B	turbeville gravelly fine sand	2- 6	2e	117	73	1	360	0.1
67	108C	turbeville gravelly fine sand	6-12	3e	103	64	S	103	0.0
68	110B	faceville-gritney gravelly fi	2- 6	2e	104	65	1	348	0.1
69	110C	faceville-gritney gravelly fi	6-12	3e	92	57	S	1,344	0.5
70	112B	orangeburg-faceville sandy lo	2- 6	2e	120	75	1	2,953	1.1
71	112C	orangeburg-faceville sandy lo	6-12	3e	106	66	S	387	0.1
72	117B	masada loam	2- 6	2e	130	81	1	325	0.1
73	117C	masada loam	6-12	3e	114	71	S	12	0.0
74	123B	creedmoor gravelly fine sandy	2- 6	2e	59	37	1	687	0.2
75	123C	creedmoor gravelly fine sandy	6-12	3e	52	33	S	714	0.3
76	137	roanoke loam	0- 2	5w	65	41	0	1,467	0.5
77	142B	appling gravelly sandy loam	2- 6	2e	100	63	1	1,083	0.4
78	142C	appling-wedowee fine sandy lo	6-12	3e	88	55	1	2,268	0.8
79	142D	appling-wedowee fine sandy lo	12-20	6e	80	50	0	652	0.2
80	142E	wedowee gravelly fine sandy l	20-40	7e		0	0	247	0.1
81	151B	mayodan gravelly sandy loam	2- 6	2e	90	56	1	2,802	1.0
82	151C	mayodan gravelly sandy loam	6-12	3e	79	49	S	2,793	1.0
83	151D	mayodan gravelly sandy loam	12-20	4e	72	45	0	584	0.2
84	157B	faceville-gritney fine sandy	2- 6	2e	116	72	1	6,802	2.4
85	158B	tetotum loam	2- 6	2e	130	81	1	3,491	1.2
86	159B	pouncey fine sandy loam	0- 6	4w	65	41	0	161	0.1
87	162B	faceville fine sandy loam	2- 6	2e	120	75	1	487	0.2
88	162C	faceville fine sandy loam	6-12	3e	106	66	S	68	0.0

89	163B	vaucluse sandy loam	2- 6	3s	120	75	1	1,740	0.6
90	163C	vaucluse sandy loam	6-12	4e	106	66	0	1,569	0.6
91	165C	pinkston gravelly sandy loam	6-12	4e	52	33	1	208	0.1
92	165D	pinkston gravelly sandy loam	12-20	6e	47	29	0	604	0.2
93	165F	pinkston gravelly sandy loam	20-45	7e		0	0	298	0.1
94	167	augusta fine sandy loam	0- 4	3w	100	63	2	915	0.3
95	169B	bourne sandy loam	2- 6	2e	85	53	0	2,002	0.7
96	169C	bourne sandy loam	6-12	3e	75	47	0	1,222	0.4
97	172D	ochrepts and udults	6-12	4e		0	0	8,391	3.0
98	172E	ochrepts and udults	12-20	6e		0	0	5,423	1.9
99	172F	ochrepts and udults	20-35	7e		0	0	3,183	1.1
100	188	dunbar fine sandy loam	0- 4	2w	85	53	2	3,460	1.2
101	191	aquults	0- 2	5w		0	0	6,397	2.3
102	201B	mayodan	2- 6	2e	84	52	1	475	0.2
103	201C	mayodan	6-12	3e	75	47	S	6,148	2.2
104	201D	mayodan	12-20	4e	68	43	0	1,572	0.6
105	201F	mayodan	20-45	7e		0	0	99	0.0
106	202B	creedmoor-worsham sandy loams	2- 6	2e	72	45	S	19	0.0
107	202C	creedmoor-worsham sandy loams	6-12	3e	62	39	0	282	0.1
108	207C	colfax sandy loam	6-12	3e	75	47	0	1,221	0.4
109	210B	vance fine sandy loam	2- 6	3e	100	63	1	890	0.3
110	210C	vance fine sandy loam	6-12	4e	88	55	S	675	0.2
111	210D	vance fine sandy loam	12-20	6e	80	50	0	68	0.0
112	212B	lucy-orangeburg loamy sands	2- 6	2s	101	63	1	3,759	1.3
113	212C	lucy-orangeburg loamy sands	6-12	3s	90	56	0	582	0.2
114	241C	grover-louisburg complex	6-12	3e	83	52	S	212	0.1
115	244B	edgehill very gravelly fine s	2- 6	3s	64	40	1	705	0.3
116	244C	edgehill very gravelly fine s	6-12	4e	56	35	0	1,359	0.5
117	244D	edgehill very gravelly fine s	12-20	6e	51	32	0	774	0.3
118	244E	edgehill very gravelly fine s	20-40	7e		0	0	362	0.1
119	245B	appling-spotsylvania sandy lo	2- 6	2e	100	63	1	4,232	1.5
120	251C	mayodan-creedmoor-edgehill ve	2-12	4e	56	35	0	1,104	0.4
121	251D	mayodan-creedmoor-edgehill ve	12-20	6e	50	32	0	954	0.3
122	251F	mayodan-creedmoor-edgehill ve	20-40	7e		0	0	958	0.3
123	261B	bourne-colfax complex	2- 6	2e	85	53	0	4,903	1.7
124	305B	grover fine sandy loam	2- 6	2e	70	44	1	236	0.1
125	305C	grover fine sandy loam	6-12	3e	62	39	S	3,088	1.1
126	305D	grover fine sandy loam	12-20	4e	80	50	0	6,240	2.2
127	305E	grover fine sandy loam	20-35	6e		0	0	934	0.3
128	340B	cullen loam	2- 6	2e	130	81	1	744	0.3
129	340C	cullen clay loam	6-12	4e	80	50	0	1,126	0.4
130	340D	cullen clay loam	12-20	6e	73	46	0	380	0.1
131	505D	louisa loam	12-20	6e	52	33	0	148	0.1
132	505F	louisa loam	20-45	7e		0	0	260	0.1
133	542B	appling loam	2- 6	2e	100	63	1	1,220	0.4
134	542C	appling loam	6-12	3e	88	55	S	1,632	0.6
135	W	water	0- 0	0		0	0	10,289	3.7
								281,054	

Code	Important Farmland
0	Not prime farmland
1	All areas are prime farmland
2	Prime farmland if drained
3	Prime farmland if protected from flooding or not frequently flooded during the growing season
4	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
6	Prime farmland if irrigated and drained
7	Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
8	Prime farmland if subsoiled, completely removing the root inhibiting soil layer
9	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
10	Prime farmland if irrigated and reclaimed of excess salts and sodium
S	Farmland of statewide importance
L	Farmland of local importance
U	Farmland of unique importance

LESA Worksheet #2

Survey Area : chesterfield county, virginia (VA041)

Group Number 1

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
158B	2e	tetotum lo	2- 6	130	81	1	3,491	1.2	453,830	130	453,830
51B	2e	pamunkey l	0- 6	160	100	1	1,985	0.7	317,600	160	317,600
106B	2e	masada fin	2- 6	130	81	1	1,976	0.7	256,880	130	256,880
68B	2e	dogue loam	0- 4	130	81	1	982	0.3	127,660	130	127,660
107B	2e	turbeville	2- 6	130	81	1	913	0.3	118,690	130	118,690
340B	2e	cullen loa	2- 6	130	81	1	744	0.3	96,720	130	96,720
65B	2e	abell sand	2- 8	140	88	1	578	0.2	80,920	140	80,920
101B	2e	starr soil	2- 6	140	88	1	556	0.2	77,840	140	77,840
117B	2e	masada loa	2- 6	130	81	1	325	0.1	42,250	130	42,250
8B	2w	tetotum fi	0- 2	130	81	2	459	0.2	59,670	130	59,670
51C	3e	pamunkey l	6-12	141	88	1	320	0.1	45,120	141	45,120
						TOTAL	12,329	4.4	1,677,180		1,677,180

Weighted Average Yield = 136.04 Adjusted Weighted Average Yield = 136.04

Group Number 2

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
103C	3e	masada gra	6-12	103	64	0	282	0.1	29,046	103	29,046
51D	3e	pamunkey l	12-20	128	80	0	12	0.0	1,536	128	1,536
28	3w	chewacla l	0- 2	140	88	0	800	0.3	112,000	140	112,000
163C	4e	vaucluse s	6-12	106	66	0	1,569	0.6	166,314	106	166,314
						TOTAL	2,663	0.9	308,896		308,896

Weighted Average Yield = 116.00 Adjusted Weighted Average Yield = 116.00

Group Number 3

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
112C	3e	orangeburg	6-12	106	66	S	387	0.1	41,022	106	41,022
107C	3e	turbeville	6-12	114	71	S	266	0.1	30,324	114	30,324
106C	3e	masada fin	6-12	114	71	S	151	0.1	17,214	114	17,214
108C	3e	turbeville	6-12	103	64	S	103	0.0	10,609	103	10,609
162C	3e	faceville	6-12	106	66	S	68	0.0	7,208	106	7,208
117C	3e	masada loa	6-12	114	71	S	12	0.0	1,368	114	1,368
						TOTAL	987	0.4	107,745		107,745

Weighted Average Yield = 109.16 Adjusted Weighted Average Yield = 109.16

Group Number 4

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
42B	2e	appling sa	2- 6	100	63	1	13,312	4.7	1,331,200	100	1,331,200
82B	2e	kempsville	2- 6	104	65	1	8,115	2.9	840,141	104	840,141
157B	2e	faceville-	2- 6	116	72	1	6,802	2.4	788,232	116	788,232
245B	2e	appling-sp	2- 6	100	63	1	4,232	1.5	423,200	100	423,200
112B	2e	orangeburg	2- 6	120	75	1	2,953	1.1	354,360	120	354,360
59B	2e	mayodan sa	2- 6	100	63	1	2,693	1.0	269,300	100	269,300
70B	2e	norfolk fi	0- 6	120	75	1	2,506	0.9	300,720	120	300,720
38B	2e	cecil fine	2- 6	100	63	1	1,928	0.7	192,800	100	192,800
17B	2e	gritney fi	2- 6	110	69	1	1,600	0.6	176,000	110	176,000
103B	2e	masada gra	2- 6	117	73	1	1,238	0.4	144,846	117	144,846
542B	2e	appling lo	2- 6	100	63	1	1,220	0.4	122,000	100	122,000
142B	2e	appling gr	2- 6	100	63	1	1,083	0.4	108,300	100	108,300
21B	2e	atlee silt	0- 4	120	75	1	937	0.3	112,440	120	112,440
162B	2e	faceville	2- 6	120	75	1	487	0.2	58,440	120	58,440
66B	2e	varina fin	0- 4	110	69	1	478	0.2	52,580	110	52,580
24B	2e	spotsylvan	2- 6	100	63	1	464	0.2	46,400	100	46,400
108B	2e	turbeville	2- 6	117	73	1	360	0.1	42,120	117	42,120

110B	2e	faceville-	2- 6	104	65	1	348	0.1	36,294	104	36,294
212B	2s	lucy-orang	2- 6	101	63	1	3,759	1.3	381,428	101	381,428
210B	3e	vance fine	2- 6	100	63	1	890	0.3	89,000	100	89,000
163B	3s	vaucluse s	2- 6	120	75	1	1,740	0.6	208,800	120	208,800
167	3w	augusta fi	0- 4	100	63	2	915	0.3	91,500	100	91,500
						TOTAL	58,060	20.7	6,170,101		6,170,101

Weighted Average Yield = 106.27 Adjusted Weighted Average Yield = 106.27

Group Number 5

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
59C	3e	mayodan sa	6-12	88	55	S	2,544	0.9	223,872	88	223,872
542C	3e	appling lo	6-12	88	55	S	1,632	0.6	143,616	88	143,616
110C	3e	faceville-	6-12	92	57	S	1,344	0.5	123,648	92	123,648
17C	3e	gritney fi	6-12	97	61	S	917	0.3	88,949	97	88,949
24C	3e	spotsylvan	6-12	88	55	S	803	0.3	70,664	88	70,664
82C	3e	kempsville	6-12	99	62	S	319	0.1	31,525	99	31,525
241C	3e	grover-lou	6-12	83	52	S	212	0.1	17,622	83	17,622
210C	4e	vance fine	6-12	88	55	S	675	0.2	59,400	88	59,400
						TOTAL	8,446	3.0	759,296		759,296

Weighted Average Yield = 89.90 Adjusted Weighted Average Yield = 89.90

Group Number 6

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
151B	2e	mayodan gr	2- 6	90	56	1	2,802	1.0	252,180	90	252,180
92B	2e	rumford lo	2- 6	85	53	1	1,793	0.6	152,405	85	152,405
201B	2e	mayodan	2- 6	84	52	1	475	0.2	39,742	84	39,742
45B	2e	durham-bou	2- 6	85	53	1	462	0.2	39,270	85	39,270
188	2w	dunbar fin	0- 4	85	53	2	3,460	1.2	294,100	85	294,100
42C	3e	appling sa	6-12	88	55	1	15,912	5.7	1,400,256	88	1,400,256
142C	3e	appling-we	6-12	88	55	1	2,268	0.8	199,584	88	199,584
38C	3e	cecil fine	6-12	88	55	1	1,842	0.7	162,096	88	162,096
41B	3e	craven fin	2- 6	85	53	1	871	0.3	74,035	85	74,035
						TOTAL	29,885	10.6	2,613,668		2,613,668

Weighted Average Yield = 87.46 Adjusted Weighted Average Yield = 87.46

Group Number 7

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield acres	x adj yld	adjust product
49B	2e	bourne fin	2- 6	85	53	0	8,260	2.9	702,100	85	702,100
261B	2e	bourne-col	2- 6	85	53	0	4,903	1.7	416,755	85	416,755
169B	2e	bourne san	2- 6	85	53	0	2,002	0.7	170,170	85	170,170
50C	3e	enon-vance	2-12	88	55	0	29	0.0	2,552	88	2,552
212C	3s	lucy-orang	6-12	90	56	0	582	0.2	52,140	90	52,140
7B	3w	colfax fin	2- 6	85	53	0	8,308	3.0	706,180	85	706,180
80B	3w	colfax fin	0- 4	85	53	0	1,749	0.6	148,665	85	148,665
305D	4e	grover fin	12-20	80	50	0	6,240	2.2	499,200	80	499,200
42D	4e	appling sa	12-20	80	50	0	3,857	1.4	308,560	80	308,560
340C	4e	cullen cla	6-12	80	50	0	1,126	0.4	90,080	80	90,080
59D	4e	mayodan sa	12-20	80	50	0	521	0.2	41,680	80	41,680
38D	4e	cecil fine	12-20	80	50	0	460	0.2	36,800	80	36,800
6B	5w	worsham fi	0- 4	85	53	0	5,577	2.0	474,045	85	474,045
142D	6e	appling-we	12-20	80	50	0	652	0.2	52,160	80	52,160
210D	6e	vance fine	12-20	80	50	0	68	0.0	5,440	80	5,440
						TOTAL	44,334	15.8	3,706,527		3,706,527

Weighted Average Yield = 83.60 Adjusted Weighted Average Yield = 83.60

Group Number 8

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield acres	x adj yld	adjust product
202B	2e	creedmoor-	2- 6	72	45	S	19	0.0	1,362	72	1,362
201C	3e	mayodan	6-12	75	47	S	6,148	2.2	459,343	75	459,343
61C	3e	creedmoor	6-12	65	41	S	4,046	1.4	262,990	65	262,990
305C	3e	grover fin	6-12	62	39	S	3,088	1.1	191,456	62	191,456
151C	3e	mayodan gr	6-12	79	49	S	2,793	1.0	220,647	79	220,647
123C	3e	creedmoor	6-12	52	33	S	714	0.3	37,128	52	37,128
61C2	3e	creedmoor	6-12	65	41	S	659	0.2	42,835	65	42,835
48B	3e	orange san	2- 6	65	41	S	313	0.1	20,345	65	20,345
48C	4e	orange san	6-12	57	36	S	61	0.0	3,477	57	3,477
						TOTAL	17,841	6.3	1,239,583		1,239,583

Weighted Average Yield = 69.48 Adjusted Weighted Average Yield = 69.48

Group Number 9

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield acres	x adj yld	adjust product
61B	2e	creedmoor	2- 6	65	41	1	15,691	5.6	1,019,915	65	1,019,915
123B	2e	creedmoor	2- 6	59	37	1	687	0.2	40,533	59	40,533
305B	2e	grover fin	2- 6	70	44	1	236	0.1	16,520	70	16,520

92C	3e	rumford lo	6-12	75	47	1	255	0.1	19,125	75	19,125
244B	3s	edgehill v	2- 6	64	40	1	705	0.3	45,120	64	45,120
30B	3w	lenoir sil	0- 4	65	41	2	717	0.3	46,605	65	46,605
165C	4e	pinkston g	6-12	52	33	1	208	0.1	10,816	52	10,816
33B	4w	coxville l	2- 6	65	41	2	1,237	0.4	80,405	65	80,405
				TOTAL			19,736	7.0	1,279,039		1,279,039

Weighted Average Yield = 64.81 Adjusted Weighted Average Yield = 64.81

Group Number 10
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map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
169C	3e	bourne san	6-12	75	47	0	1,222	0.4	91,650	75	91,650
207C	3e	colfax san	6-12	75	47	0	1,221	0.4	91,575	75	91,575
49C	3e	bourne fin	6-12	75	47	0	644	0.2	48,300	75	48,300
202C	3e	creedmoor-	6-12	62	39	0	282	0.1	17,567	62	17,567
53B	3s	molena loa	2- 6	60	38	0	108	0.0	6,480	60	6,480
26B	3w	toccoa fin	0- 4	65	41	0	462	0.2	30,030	65	30,030
201D	4e	mayodan	12-20	68	43	0	1,572	0.6	106,896	68	106,896
244C	4e	edgehill v	6-12	56	35	0	1,359	0.5	76,104	56	76,104
251C	4e	mayodan-cr	2-12	56	35	0	1,104	0.4	61,333	56	61,333
151D	4e	mayodan gr	12-20	72	45	0	584	0.2	42,048	72	42,048
105C	4e	louisburg	4-12	75	47	0	375	0.1	28,125	75	28,125
31	4w	chastain l	0- 2	65	41	0	844	0.3	54,860	65	54,860
159B	4w	pouncey fi	0- 6	65	41	0	161	0.1	10,465	65	10,465
37	5w	forestdale	0- 2	65	41	0	1,729	0.6	112,385	65	112,385
137	5w	roanoke lo	0- 2	65	41	0	1,467	0.5	95,355	65	95,355
67B	5w	lenoir loa	0- 4	65	41	0	965	0.3	62,725	65	62,725
71B	5w	buncombe l	0- 4	65	41	0	318	0.1	20,670	65	20,670
105D	6e	louisburg	12-20	68	43	0	1,415	0.5	96,220	68	96,220
251D	6e	mayodan-cr	12-20	51	32	0	954	0.3	48,177	50	48,177
244D	6e	edgehill v	12-20	51	32	0	774	0.3	39,474	51	39,474
165D	6e	pinkston g	12-20	47	29	0	604	0.2	28,388	47	28,388
340D	6e	cullen cla	12-20	73	46	0	380	0.1	27,740	73	27,740
505D	6e	louisa loa	12-20	52	33	0	148	0.1	7,696	52	7,696
1A	6w	fluvaquent	0- 2	65	41	0	21,042	7.5	1,367,730	65	1,367,730
				TOTAL			39,734	14.1	2,571,993		2,571,993

Weighted Average Yield = 64.73 Adjusted Weighted Average Yield = 64.73

UNGROUPED Data
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map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
2	3w	udifluvent	0- 2		0		397	0.1	0		0
172D	4e	ochrepts a	6-12		0		8,391	3.0	0		0

191	5w	aquults	0- 2	0	6,397	2.3	0	0
172E	6e	ochrepts a	12-20	0	5,423	1.9	0	0
305E	6e	grover fin	20-35	0	934	0.3	0	0
50F	6e	enon-louis	12-40	0	160	0.1	0	0
172F	7e	ochrepts a	20-35	0	3,183	1.1	0	0
105E	7e	louisburg	20-45	0	2,556	0.9	0	0
251F	7e	mayodan-cr	20-40	0	958	0.3	0	0
244E	7e	edgehill v	20-40	0	362	0.1	0	0
165F	7e	pinkston g	20-45	0	298	0.1	0	0
505F	7e	louisa loa	20-45	0	260	0.1	0	0
142E	7e	wedowee gr	20-40	0	247	0.1	0	0
201F	7e	mayodan	20-45	0	99	0.0	0	0
100	7w	hydraquent	0- 1	0	3,169	1.1	0	0
3A	7w	fluvaquent	0- 1	0	836	0.3	0	0
W	0	water	0- 0	0	10,289	3.7	0	0
15	0	made land	0- 0	0	2,741	1.0	0	0
16	0	orthents-u	2-25	0	339	0.1	0	0

Worksheet 2

Survey Area : chesterfield county, virginia (VA041)

group	lcc	important farmland	potential or productivity	%	cum'ltv %	acres	cum'ltv acres	relative value
1	2e-3w	prime	81-100	4.4	4.4	12,329	12,329	100
2	2e-4e	other	64- 88	0.9	5.3	2,663	14,992	85
3	2e-3s	state	64- 71	0.4	5.7	987	15,979	80
4	2e-3s	prime	63- 75	20.7	26.3	58,060	74,039	78
5	2e-4e	state	52- 62	3.0	29.3	8,446	82,485	66
6	2e-4e	prime	52- 56	10.6	40.0	29,885	112,370	64
7	2e-6e	other	50- 56	15.8	55.8	44,334	156,704	61
8	2e-6w	state	33- 49	6.3	62.1	17,841	174,545	51
9	2e-4w	prime	33- 47	7.0	69.1	19,736	194,281	48
10	2e-6w	other	29- 47	14.1	83.3	39,734	234,015	48

FPPA acres: 147,284 (52.4% of county)
Farmable acres: 234,015 (83.3% of county)
Grouped acres: 234,015
Total acres: 281,054

Note: The Computer Aided Land Evaluation System (CALES) web site is for NRCS and others responsible for the Land Evaluation portion of a Land Evaluation and Site Assessment (LESA) system. The CALES program requires significant user input and results vary based upon user knowledge and emphasis. Official NRCS Land Evaluation results to be used for the Farmland Protection Policy Act (FPPA) are approved by the NRCS State Conservationist and placed in the Field Office Technical Guide (FOTG). For more information contact your local or state NRCS office.