LESA Worksheet #1

NOTE: The soil mapunits shown are for the selected area. 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.

Survey Area: Page County, Virginia (VA139)
103 Mapunits

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Indicator crop     : corn
Temperature Regime: mesic
C factor           : 0.05
System irrigated?  : no
Minimum Component: 15%
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Sorted by Map Symbol (map symbl)

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
1	1C	berks-weikert complex	7-15	3e	57	36	0	1,980	1.0
2	2A	biltmore fine sandy loam	0- 4	2w	65	41	0	1,078	0.5
3	3B	braddock loam	2- 7	2e	130	81	1	8,493	4.2
4	3C	braddock loam	7-15	3e	114	71	S	7,395	3.7
5	3D	braddock loam	15-25	4e	104	65	S	1,939	1.0
6	4B	braddock cobbly loam	2- 7	3s	130	81	1	1,039	0.5
7	4C	braddock cobbly loam	7-15	4s	114	71	0	2,023	1.0
8	4D	braddock cobbly loam	15-25	6s	104	65	0	2,061	1.0
9	5C	braddock-urban land complex	2-15	3e	70	44	0	143	0.1
10	6C	carbo-rock outcrop complex	2-15	3e		0	0	1,198	0.6
11	6E	carbo-rock outcrop complex	15-35	7e		0	0	2,281	1.1
12	7C	catoctin silt loam	7-15	3e	57	36	0	699	0.3
13	7D	catoctin silt loam	15-35	6e	52	33	0	1,831	0.9
14	8F	catoctin-rock outcrop complex	55-70	7e		0	0	812	0.4
15	9C	chilhowie silty clay loam	7-15	4e	57	36	0	155	0.1
16	9D	chilhowie silty clay loam	15-25	6e	52	33	0	472	0.2
17	10A	combs fine sandy loam	0- 3	2w	85	53	1	1,486	0.7
18	11B	cotaco loam	2- 7	2e	140	88	1	1,898	0.9
19	12A	craigsville cobbly sandy loam	0- 4	3s	85	53	0	2,712	1.4
20	13C	dekalb channery sandy loam 2	2-15	6s		0	0	88	0.0
21	13D	dekalb channery sandy loam	15-35	7s		0	0	215	0.1
22	13E	dekalb channery sandy loam	35-55	7s		0	0	858	0.4
23	14E	dekalb channery sandy loam	35-55	7s		0	0	1,821	0.9
24	14F	dekalb channery sandy loam	55-70	7s		0	0	180	0.1
25	15F	dekalb-edgemont-rock outcrop	15-70	7s		0	0	3,987	2.0
26	16B	dyke loam	2- 7	2e	130	81	1	781	0.4
27	16C	dyke loam	7-15	3e	114	71	S	1,629	0.8
28	17C	edgemont-dekalb complex	2-15	6s		0	0	382	0.2
29	17D	edgemont-dekalb complex	15-35	7s		0	0	3,910	2.0
30	17E	edgemont-dekalb complex	35-55	7s		0	0	5,784	2.9
31	18C	edneytown loam	2-15	3e	122	76	S	559	0.3
32	18D	edneytown loam	15-35	7e	104	65	0	6,584	3.3
33	18E	edneytown loam	35-55	7e		0	0	1,561	0.8
34	19C	edom silty clay loam	7-15	3e	114	71	0	291	0.1
35	19D	edom silty clay loam	15-25	4e	104	65	0	149	0.1

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
36	20B	fauquier silt loam	2- 7	2e	130	81	1	41	0.0
37	20C	fauquier silt loam	7-15	2e	114	71	S	683	0.3
38	20D	fauquier silt loam	15-25	4e	104	65	S	1,610	0.8
39	20E	fauquier silt loam	25-35	6e		0	0	1,277	0.6
40	21C	fauquier silt loam	7-15	6s		0	S	117	0.1
41	21D	fauquier silt loam	15-35	7s		0	0	3,643	1.8
42	22C	gilpin silt loam	2-15	3e	97	61	S	614	0.3
43	23D	gilpin silt loam	15-35	7s		0	0	738	0.4
44	23E	gilpin silt loam	35-55	7s		0	0	164	0.1
45	24A	huntington loam	0- 3	2w	160	100	1	1,687	0.8
46	25C	jefferson fine sandy loam	2-15	3e	97	61	S	261	0.1
47	25D	jefferson fine sandy loam	15-35	6e	88	55	0	167	0.1
48	25E	jefferson fine sandy loam	35-55	7e		0	0	118	0.1
49	26E	jefferson fine sandy loam	35-55	7s		0	0	1,006	0.5
50	27C	laidig channery loam	2-15	3e	88	55	0	2,062	1.0
51	28C	laidig channery loam	2-15	6s		0	0	2,123	1.1
52	28D	laidig channery loam	15-35	7s		0	0	3,216	1.6
53	28E	laidig channery loam	35-55	7s		0	0	2,219	1.1
54	29B	lodi silt loam	2- 7	2e	130	81	1	3,149	1.6
55	29C	lodi silt loam	7-15	3e	114	71	S	6,101	3.0
56	29D	lodi silt loam	15-25	4e	104	65	S	2,722	1.4
57	29E	lodi silt loam	25-35	6e		0	0	331	0.2
58	30C	massanutten channery loam	2-15	3e	57	36	0	90	0.0
59	31C	massanutten channery loam	2-15	5s		0	0	299	0.1
60	31D	massanutten channery loam	15-35	6s		0	0	808	0.4
61	31E	massanutten channery loam	35-55	7e		0	0	2,948	1.5
62	32A	maurertown silt loam	0- 2	4w	65	41	0	256	0.1
63	33B	monongahela loam	2- 7	2e	100	63	1	3,465	1.7
64	33C	monongahela loam	7-15	3e	88	55	0	2,165	1.1
65	34C	myersville-catoctin complex	2-15	6s		0	S	758	0.4
66	34D	myersville-catoctin complex 1	15-35	6s		0	0	7,630	3.8
67	34E	myersville-catoctin complex	35-55	7e		0	0	2,252	1.1
68	35D	myersville-catoctin complex	15-35	7s		0	0	359	0.2
69	35E	myersville-catoctin complex	35-55	7e		0	0	2,550	1.3
70	36B	oaklet silt loam	2- 7	2e	100	63	1	600	0.3
71	36C	oaklet silt loam	7-15	3e	88	55	S	146	0.1
72	37C	oaklet-carbo complex	2-15	3e		0	S	966	0.5
73	37E	oaklet-carbo complex	15-35	7e		0	0	1,426	0.7
74	38D	peaks-edneytown complex	15-35	7s		0	0	1,772	0.9
75	38E	peaks-edneytown complex	35-55	7s		0	0	4,062	2.0
76	38F	peaks-edneytown complex	55-70	7s		0	0	1,213	0.6
77	39F	peaks-rock outcrop complex	55-70	7s		0	0	550	0.3
78	40	pits	0- 5	8s		0	0	106	0.1
79	41A	purdy silt loam	0- 3	4w	65	41	0	428	0.2
80	42F	rock outcrop-drall-dekalb com	15-70	8s		0	0	5,367	2.7
81	43B	sherando cobbly fine sandy lo	2- 7	3s	85	53	0	3,239	1.6
82	43C	sherando cobbly fine sandy lo	7-15	4e	75	47	0	787	0.4
83	44A	sindion loam	0- 3	2w	160	100	1	1,590	0.8
84	45D	sylvatus-sylco complex	15-35	7e	52	33	0	4,923	2.5
85	45E	sylvatus-sylco complex	35-55	7e		0	0	9,968	5.0
86	46B	thurmont fine sandy loam	2- 7	2e	130	81	1	2,456	1.2
87	46C	thurmont fine sandy loam	7-15	3e	114	71	S	4,831	2.4
88	46D	thurmont fine sandy loam	15-25	4e	104	65	S	3,972	2.0
89	47B	timberville silt loam	2- 7	2e	140	88	1	260	0.1

line no.	**map symbl**	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
90	48A	tygart silt loam	0- 3	3w	100	63	S	934	0.5
91	49B	unison fine sandy loam	2- 7	2e	130	81	1	1,357	0.7
92	49C	unison fine sandy loam	7-15	3e	114	71	S	2,737	1.4
93	49D	unison fine sandy loam	15-25	4e	104	65	S	994	0.5
94	50D	weikert-berks complex	15-35	7e	52	33	0	8,913	4.4
95	50E	weikert-berks complex	35-55	7e		0	0	5,083	2.5
96	51F	weikert channery silt loam	55-70	7e		0	0	752	0.4
97	52B	wheeling fine sandy loam	2- 7	2e	160	100	1	630	0.3
98	53D	zepp channery sandy loam	15-35	6s		0	0	739	0.4
99	53E	zepp channery sandy loam	35-55	7e		0	0	251	0.1
100	54E	zepp channery sandy loam 35 t	35-55	7e		0	0	472	0.2
101	55A	zoar silt loam	0- 3	2w	130	81	1	921	0.5
102	DAM	dam	0- 0	0		0	0	18	0.0
103	W	water	0- 0	0		0	0	1,834	0.9
								200,400	

Sorted by Productivity Index (prd ind)

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
1	52B	wheeling fine sandy loam	2- 7	2e	160	100	1	630	0.3
2	24A	huntington loam	0- 3	2w	160	100	1	1,687	0.8
3	44A	sindion loam	0- 3	2w	160	100	1	1,590	0.8
4	11B	cotaco loam	2- 7	2e	140	88	1	1,898	0.9
5	47B	timberville silt loam	2- 7	2e	140	88	1	260	0.1
6	3B	braddock loam	2- 7	2e	130	81	1	8,493	4.2
7	29B	lodi silt loam	2- 7	2e	130	81	1	3,149	1.6
8	46B	thurmont fine sandy loam	2- 7	2e	130	81	1	2,456	1.2
9	49B	unison fine sandy loam	2- 7	2e	130	81	1	1,357	0.7
10	16B	dyke loam	2- 7	2e	130	81	1	781	0.4
11	20B	fauquier silt loam	2- 7	2e	130	81	1	41	0.0
12	55A	zoar silt loam	0- 3	2w	130	81	1	921	0.5
13	4B	braddock cobbly loam	2- 7	3s	130	81	1	1,039	0.5
14	18C	edneytown loam	2-15	3e	122	76	S	559	0.3
15	20C	fauquier silt loam	7-15	2e	114	71	S	683	0.3
16	3C	braddock loam	7-15	3e	114	71	S	7,395	3.7
17	29C	lodi silt loam	7-15	3e	114	71	S	6,101	3.0
18	46C	thurmont fine sandy loam	7-15	3e	114	71	S	4,831	2.4
19	49C	unison fine sandy loam	7-15	3e	114	71	S	2,737	1.4
20	16C	dyke loam	7-15	3e	114	71	S	1,629	0.8
21	19C	edom silty clay loam	7-15	3e	114	71	0	291	0.1
22	4C	braddock cobbly loam	7-15	4s	114	71	0	2,023	1.0
23	46D	thurmont fine sandy loam	15-25	4e	104	65	S	3,972	2.0
24	29D	lodi silt loam	15-25	4e	104	65	S	2,722	1.4
25	3D	braddock loam	15-25	4e	104	65	S	1,939	1.0
26	20D	fauquier silt loam	15-25	4e	104	65	S	1,610	0.8
27	49D	unison fine sandy loam	15-25	4e	104	65	S	994	0.5
28	19D	edom silty clay loam	15-25	4e	104	65	0	149	0.1
29	4D	braddock cobbly loam	15-25	6s	104	65	0	2,061	1.0
30	18D	edneytown loam	15-35	7e	104	65	0	6,584	3.3
31	33B	monongahela loam	2- 7	2e	100	63	1	3,465	1.7
32	36B	oaklet silt loam	2- 7	2e	100	63	1	600	0.3
33	48A	tygart silt loam	0- 3	3w	100	63	S	934	0.5

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
34	22C	gilpin silt loam	2-15	3e	97	61	S	614	0.3
35	25C	jefferson fine sandy loam	2-15	3e	97	61	S	261	0.1
36	33C	monongahela loam	7-15	3e	88	55	0	2,165	1.1
37	27C	laidig channery loam	2-15	3e	88	55	0	2,062	1.0
38	36C	oaklet silt loam	7-15	3e	88	55	S	146	0.1
39	25D	jefferson fine sandy loam	15-35	6e	88	55	0	167	0.1
40	10A	combs fine sandy loam	0- 3	2w	85	53	1	1,486	0.7
41	43B	sherando cobbly fine sandy lo	2- 7	3s	85	53	0	3,239	1.6
42	12A	craigsville cobbly sandy loam	0- 4	3s	85	53	0	2,712	1.4
43	43C	sherando cobbly fine sandy lo	7-15	4e	75	47	0	787	0.4
44	5C	braddock-urban land complex	2-15	3e	70	44	0	143	0.1
45	2A	biltmore fine sandy loam	0- 4	2w	65	41	0	1,078	0.5
46	41A	purdy silt loam	0- 3	4w	65	41	0	428	0.2
47	32A	maurertown silt loam	0- 2	4w	65	41	0	256	0.1
48	1C	berks-weikert complex	7-15	3e	57	36	0	1,980	1.0
49	7C	catoctin silt loam	7-15	3e	57	36	0	699	0.3
50	30C	massanutten channery loam	2-15	3e	57	36	0	90	0.0
51	9C	chilhowie silty clay loam	7-15	4e	57	36	0	155	0.1
52	7D	catoctin silt loam	15-35	6e	52	33	0	1,831	0.9
53	9D	chilhowie silty clay loam	15-25	6e	52	33	0	472	0.2
54	50D	weikert-berks complex	15-35	7e	52	33	0	8,913	4.4
55	45D	sylvatus-sylco complex	15-35	7e	52	33	0	4,923	2.5
56	6C	carbo-rock outcrop complex	2-15	3e		0	0	1,198	0.6
57	37C	oaklet-carbo complex	2-15	3e		0	S	966	0.5
58	31C	massanutten channery loam	2-15	5s		0	0	299	0.1
59	20E	fauquier silt loam	25-35	6e		0	0	1,277	0.6
60	29E	lodi silt loam	25-35	6e		0	0	331	0.2
61	34D	myersville-catoctin complex 1	15-35	6s		0	0	7,630	3.8
62	28C	laidig channery loam	2-15	6s		0	0	2,123	1.1
63	31D	massanutten channery loam	15-35	6s		0	0	808	0.4
64	34C	myersville-catoctin complex	2-15	6s		0	S	758	0.4
65	53D	zepp channery sandy loam	15-35	6s		0	0	739	0.4
66	17C	edgemont-dekalb complex	2-15	6s		0	0	382	0.2
67	21C	fauquier silt loam	7-15	6s		0	S	117	0.1
68	13C	dekalb channery sandy loam 2	2-15	6s		0	0	88	0.0
69	45E	sylvatus-sylco complex	35-55	7e		0	0	9,968	5.0
70	50E	weikert-berks complex	35-55	7e		0	0	5,083	2.5
71	31E	massanutten channery loam	35-55	7e		0	0	2,948	1.5
72	35E	myersville-catoctin complex	35-55	7e		0	0	2,550	1.3
73	6E	carbo-rock outcrop complex	15-35	7e		0	0	2,281	1.1
74	34E	myersville-catoctin complex	35-55	7e		0	0	2,252	1.1
75	18E	edneytown loam	35-55	7e		0	0	1,561	0.8
76	37E	oaklet-carbo complex	15-35	7e		0	0	1,426	0.7
77	8F	catoctin-rock outcrop complex	55-70	7e		0	0	812	0.4
78	51F	weikert channery silt loam	55-70	7e		0	0	752	0.4
79	54E	zepp channery sandy loam 35 t	35-55	7e		0	0	472	0.2
80	53E	zepp channery sandy loam	35-55	7e		0	0	251	0.1
81	25E	jefferson fine sandy loam	35-55	7e		0	0	118	0.1
82	17E	edgemont-dekalb complex	35-55	7s		0	0	5,784	2.9
83	38E	peaks-edneytown complex	35-55	7s		0	0	4,062	2.0
84	15F	dekalb-edgemont-rock outcrop	15-70	7s		0	0	3,987	2.0
85	17D	edgemont-dekalb complex	15-35	7s		0	0	3,910	2.0
86	21D	fauquier silt loam	15-35	7s		0	0	3,643	1.8
87	28D	laidig channery loam	15-35	7s		0	0	3,216	1.6

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
88	28E	laidig channery loam	35-55	7s		0	0	2,219	1.1
89	14E	dekalb channery sandy loam	35-55	7s		0	0	1,821	0.9
90	38D	peaks-edneytown complex	15-35	7s		0	0	1,772	0.9
91	38F	peaks-edneytown complex	55-70	7s		0	0	1,213	0.6
92	26E	jefferson fine sandy loam	35-55	7s		0	0	1,006	0.5
93	13E	dekalb channery sandy loam	35-55	7s		0	0	858	0.4
94	23D	gilpin silt loam	15-35	7s		0	0	738	0.4
95	39F	peaks-rock outcrop complex	55-70	7s		0	0	550	0.3
96	35D	myersville-catoctin complex	15-35	7s		0	0	359	0.2
97	13D	dekalb channery sandy loam	15-35	7s		0	0	215	0.1
98	14F	dekalb channery sandy loam	55-70	7s		0	0	180	0.1
99	23E	gilpin silt loam	35-55	7s		0	0	164	0.1
100	42F	rock outcrop-drall-dekalb com	15-70	8s		0	0	5,367	2.7
101	40	pits	0- 5	8s		0	0	106	0.1
102	W	water	0- 0	0		0	0	1,834	0.9
103	DAM	dam	0- 0	0		0	0	18	0.0
								200,400	

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

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
52B	2e	wheeling f	2- 7	160	100	1	630	0.3	100,800	160	100,800
24A	2w	huntington	0- 3	160	100	1	1,687	0.8	269,920	160	269,920
44A	2w	sindion lo	0- 3	160	100	1	1,590	0.8	254,400	160	254,400
11B	2e	cotaco loa	2- 7	140	88	1	1,898	0.9	265,720	140	265,720
47B	2e	timbervill	2- 7	140	88	1	260	0.1	36,400	140	36,400
3B	2e	braddock l	2- 7	130	81	1	8,493	4.2	1,104,090	130	1,104,090
29B	2e	lodi silt	2- 7	130	81	1	3,149	1.6	409,370	130	409,370
46B	2e	thurmont f	2- 7	130	81	1	2,456	1.2	319,280	130	319,280
49B	2e	unison fin	2- 7	130	81	1	1,357	0.7	176,410	130	176,410
16B	2e	dyke loam	2- 7	130	81	1	781	0.4	101,530	130	101,530
20B	2e	fauquier s	2- 7	130	81	1	41	0.0	5,330	130	5,330
55A	2w	zoar silt	0- 3	130	81	1	921	0.5	119,730	130	119,730
4B	3s	braddock c	2- 7	130	81	1	1,039	0.5	135,070	130	135,070
33B	2e	monongahel	2- 7	100	63	1	3,465	1.7	346,500	100	346,500
36B	2e	oaklet sil	2- 7	100	63	1	600	0.3	60,000	100	60,000
10A	2w	combs fine	0- 3	85	53	1	1,486	0.7	126,310	85	126,310
						TOTAL	29,853	14.9	3,830,860		3,830,860

Weighted Average Yield = 128.32 Adjusted Weighted Average Yield = 128.32

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
18C	3e	edneytown	2-15	122	76	S	559	0.3	68,198	122	68,198
20C	2e	fauquier s	7-15	114	71	S	683	0.3	77,862	114	77,862
3C	3e	braddock l	7-15	114	71	S	7,395	3.7	843,030	114	843,030
29C	3e	lodi silt	7-15	114	71	S	6,101	3.0	695,514	114	695,514
46C	3e	thurmont f	7-15	114	71	S	4,831	2.4	550,734	114	550,734
49C	3e	unison fin	7-15	114	71	S	2,737	1.4	312,018	114	312,018
16C	3e	dyke loam	7-15	114	71	S	1,629	0.8	185,706	114	185,706
46D	4e	thurmont f	15-25	104	65	S	3,972	2.0	413,088	104	413,088
29D	4e	lodi silt	15-25	104	65	S	2,722	1.4	283,088	104	283,088
3D	4e	braddock l	15-25	104	65	S	1,939	1.0	201,656	104	201,656
20D	4e	fauquier s	15-25	104	65	S	1,610	0.8	167,440	104	167,440
49D	4e	unison fin	15-25	104	65	S	994	0.5	103,376	104	103,376
48A	3w	tygart sil	0- 3	100	63	S	934	0.5	93,400	100	93,400
22C	3e	gilpin sil	2-15	97	61	S	614	0.3	59,558	97	59,558
25C	3e	jefferson	2-15	97	61	S	261	0.1	25,317	97	25,317
36C	3e	oaklet sil	7-15	88	55	S	146	0.1	12,848	88	12,848
21C	6s	fauquier s	7-15	70	44	S	117	0.1	8,190	70	8,190
						TOTAL	37,244	18.6	4,101,023		4,101,023

Weighted Average Yield = 110.11 Adjusted Weighted Average Yield = 110.11

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
19C	3e	edom silty	7-15	114	71	0	291	0.1	33,174	114	33,174
4C	4s	braddock c	7-15	114	71	0	2,023	1.0	230,622	114	230,622
19D	4e	edom silty	15-25	104	65	0	149	0.1	15,496	104	15,496
4D	6s	braddock c	15-25	104	65	0	2,061	1.0	214,344	104	214,344
18D	7e	edneytown	15-35	104	65	0	6,584	3.3	684,736	104	684,736
33C	3e	monongahel	7-15	88	55	0	2,165	1.1	190,520	88	190,520
27C	3e	laidig cha	2-15	88	55	0	2,062	1.0	181,456	88	181,456
25D	6e	jefferson	15-35	88	55	0	167	0.1	14,696	88	14,696
						TOTAL	15,502	7.7	1,565,044		1,565,044

Weighted Average Yield = 100.96 Adjusted Weighted Average Yield = 100.96

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
43B	3s	sherando c	2- 7	85	53	0	3,239	1.6	275,315	85	275,315
12A	3s	craigsvill	0- 4	85	53	0	2,712	1.4	230,520	85	230,520
43C	4e	sherando c	7-15	75	47	0	787	0.4	59,025	75	59,025
5C	3e	braddock-u	2-15	70	44	0	143	0.1	9,962	70	9,962
2A	2w	biltmore f	0- 4	65	41	0	1,078	0.5	70,070	65	70,070
41A	4w	purdy silt	0- 3	65	41	0	428	0.2	27,820	65	27,820
32A	4w	maurertown	0- 2	65	41	0	256	0.1	16,640	65	16,640
1C	3e	berks-weik	7-15	57	36	0	1,980	1.0	112,860	57	112,860
7C	3e	catoctin s	7-15	57	36	0	699	0.3	39,843	57	39,843
30C	3e	massanutte	2-15	57	36	0	90	0.0	5,130	57	5,130
9C	4e	chilhowie	7-15	57	36	0	155	0.1	8,835	57	8,835
7D	6e	catoctin s	15-35	52	33	0	1,831	0.9	95,212	52	95,212
9D	6e	chilhowie	15-25	52	33	0	472	0.2	24,544	52	24,544
50D	7e	weikert-be	15-35	52	33	0	8,913	4.4	463,476	52	463,476
45D	7e	sylvatus-s	15-35	52	33	0	4,923	2.5	255,996	52	255,996
						TOTAL	27,706	13.8	1,695,248		1,695,248

Weighted Average Yield = 61.19 Adjusted Weighted Average Yield = 61.19

Group Number 5

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
6C	3e	carbo-rock	2-15			0	1,198	0.6	0		0
37C	3e	oaklet-car	2-15			O	966	0.5	0		0
31C	5s	massanutte	2-15			0	299	0.1	0		0
20E	6e	fauquier s	25-35			0	1,277	0.6	0		0
29E	6e	lodi silt	25-35			0	331	0.2	0		0
34D	6s	myersville	15-35			0	7,630	3.8	0		0

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
28C	6s	laidig cha	2-15			0	2,123	1.1	0		0
31D	6s	massanutte	15-35			0	808	0.4	0		0
34C	6s	myersville	2-15			O	758	0.4	0		0
53D	6s	zepp chann	15-35			0	739	0.4	0		0
17C	6s	edgemont-d	2-15			0	382	0.2	0		0
13C	6s	dekalb cha	2-15			0	88	0.0	0		0
45E	7e	sylvatus-s	35-55			0	9,968	5.0	0		0
50E	7e	weikert-be	35-55			0	5,083	2.5	0		0
31E	7e	massanutte	35-55			0	2,948	1.5	0		0
35E	7e	myersville	35-55			0	2,550	1.3	0		0
6E	7e	carbo-rock	15-35			0	2,281	1.1	0		0
34E	7e	myersville	35-55			0	2,252	1.1	0		0
18E	7e	edneytown	35-55			0	1,561	0.8	0		0
37E	7e	oaklet-car	15-35			0	1,426	0.7	0		0
8F	7e	catoctin-r	55-70			0	812	0.4	0		0
51F	7e	weikert ch	55-70			0	752	0.4	0		0
54E	7e	zepp chann	35-55			0	472	0.2	0		0
53E	7e	zepp chann	35-55			0	251	0.1	0		0
25E	7e	jefferson	35-55			0	118	0.1	0		0
17E	7s	edgemont-d	35-55			0	5,784	2.9	0		0
38E	7s	peaks-edne	35-55			0	4,062	2.0	0		0
15F	7s	dekalb-edg	15-70			0	3,987	2.0	0		0
17D	7s	edgemont-d	15-35			0	3,910	2.0	0		0
21D	7s	fauquier s	15-35			0	3,643	1.8	0		0
28D	7s	laidig cha	15-35			0	3,216	1.6	0		0
28E	7s	laidig cha	35-55			0	2,219	1.1	0		0
14E	7s	dekalb cha	35-55			0	1,821	0.9	0		0
38D	7s	peaks-edne	15-35			0	1,772	0.9	0		0
38F	7s	peaks-edne	55-70			0	1,213	0.6	0		0
26E	7s	jefferson	35-55			0	1,006	0.5	0		0
13E	7s	dekalb cha	35-55			0	858	0.4	0		0
23D	7s	gilpin sil	15-35			0	738	0.4	0		0
39F	7s	peaks-rock	55-70			0	550	0.3	0		0
35D	7s	myersville	15-35			0	359	0.2	0		0
13D	7s	dekalb cha	15-35			0	215	0.1	0		0
14F	7s	dekalb cha	55-70			0	180	0.1	0		0
23E	7s	gilpin sil	35-55			0	164	0.1	0		0
42F	8s	rock outcr	15-70			0	5,367	2.7	0		0
40	8s	pits	0- 5			0	106	0.1	0		0
					TOTAL		88,243	44.0	0		0

Weighted Average Yield = 0.00 Adjusted Weighted Average Yield = 0.00

UNGROUPED Data

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
W	0	water	0- 0			0	1,834	0.9	0		0
DAM	0	dam	0- 0			0	18	0.0	0		0

Summary Grouping

group	lcc	important farmland	potential or productivity	%	cum'ltv %	acres	cum'ltv acres	relative value
1	2e-3s	prime	53-100	14.9	14.9	29,853	29,853	100
2	2e-6s	state	44- 76	18.6	33.5	37,244	67,097	86
3	3e-7e	other	55- 71	7.7	41.2	15,502	82,599	79
4	2w-7e	other	33- 53	13.8	55.0	27,706	110,305	48
5	3e-8s	other	-	44.0	99.1	88,243	198,548	0

FPPA acres: 67,097 (33.5% of county)
Farmable acres: 110,305 (55.0% of county)
Grouped acres: 198,548
Total acres: 200,400

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. The web site is http://nasis.usda.gov/cales/ .