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: Albemarle County, Virginia (VA003)
213 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	acres pct
1	1B	abell silt loam	2- 7	2e	140	88	1	580	0.1
2	2B	albemarle fine sandy loam	2- 7	2e	65	41	1	400	0.1
3	2C	albemarle fine sandy loam	7-15	3e	57	36	S	980	0.2
4	2D	albemarle fine sandy loam	15-25	4e	52	33	S	670	0.1
5	3C	albemarle very stony fine san	7-15	3e		0	0	410	0.1
6	3D	albemarle very stony fine san	15-25	4e		0	0	570	0.1
7	3E	albemarle very stony fine san	25-45	6e		0	0	250	0.1
8	4B	ashe loam	2- 7	3e	65	41	0	210	0.0
9	4C	ashe loam	7-15	4e	57	36	0	1,230	0.3
10	4D	ashe loam	15-25	6e		0	0	9,420	2.0
11	4E	ashe loam	25-45	7e		0	0	14,080	3.0
12	5B	belvoir loam	2- 7	3w	85	53	0	900	0.2
13	6	bermudian silt loam	0- 2	1	160	100	1	350	0.1
14	7B	braddock loam	2- 7	2e	130	81	1	6,180	1.3
15	7C	braddock loam	7-15	3e	114	71	S	3,740	0.8
16	7D	braddock loam	15-25	4e	104	65	S	390	0.1
17	8C3	braddock clay loam	7-15	4e	91	57	0	570	0.1
18	9B	braddock very stony loam	2- 7	6s		0	0	270	0.1
19	9C	braddock very stony loam	7-15	6s		0	0	580	0.1
20	9D	braddock very stony loam	15-25	6s		0	0	410	0.1
21	10	buncombe loamy sand	0- 2	4s		0	0	1,040	0.2
22	11D	cataska-hartleton very stony	15-25	7s		0	0	610	0.1
23	11E	cataska-hartleton very stony	25-60	7s		0	0	3,500	0.8
24	12C	catoctin silt loam	7-15	3e	57	36	0	720	0.2
25	12D	catoctin silt loam	15-25	4e	52	33	0	1,370	0.3
26	12E	catoctin silt loam	25-45	7e		0	0	1,320	0.3
27	13C	catoctin very stony silt loam	7-15	7s		0	0	550	0.1
28	13D	catoctin very stony silt loam	15-25	7s		0	0	950	0.2
29	13E	catoctin very stony silt loam	25-45	7e		0	0	2,860	0.6
30	14B	chester loam	2- 7	2e	150	94	1	1,220	0.3
31	14C	chester loam	7-15	3e	132	83	S	5,380	1.2
32	14D	chester loam	15-25	4e	120	75	S	6,440	1.4
33	14E	chester loam	25-45	6e		0	0	2,950	0.6
34	15C	chester very stony loam	7-15	6s		0	0	1,630	0.4
35	15D	chester very stony loam	15-25	6s		0	0	4,550	1.0
36	15E	chester very stony loam	25-45	7s		0	0	10,860	2.3
37	16	chewacla silt loam	0- 2	3w	140	88	S	5,210	1.1

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
38	17	craigsville loam	0- 2	3w	85	53	0	2,110	0.5
39	18B	creedmoor loam	2- 7	2e	65	41	S	670	0.1
40	19B	cullen loam	2- 7	2e	130	81	1	4,690	1.0
41	19C	cullen loam	7-15	3e	114	71	S	4,030	0.9
42	19D	cullen loam	15-25	4e	104	65	S	1,410	0.3
43	20B3	cullen clay loam	2- 7	3e	91	57	0	270	0.1
44	20C3	cullen clay loam	7-15	4e	80	50	0	1,760	0.4
45	20D3	cullen clay loam	15-25	6e	73	46	0	1,140	0.2
46	21B	culpeper fine sandy loam	2- 7	2e	100	63	1	1,760	0.4
47	21C	culpeper fine sandy loam	7-15	3e	88	55	S	1,530	0.3
48	21D	culpeper fine sandy loam	15-25	4e	80	50	S	270	0.1
49	22C3	culpeper clay loam	7-15	4e	62	39	0	300	0.1
50	23B	davidson clay loam	2- 7	3e	130	81	1	2,340	0.5
51	23C	davidson clay loam	7-15	6e	114	71	0	1,200	0.3
52	24B	dogue silt loam	2- 7	2e	130	81	1	940	0.2
53	25B	dyke silt loam	2- 7	2e	130	81	1	4,230	0.9
54	25C	dyke silt loam	7-15	3e	114	71	S	1,300	0.3
55	26B3	dyke clay loam	2- 7	3e	91	57	0	280	0.1
56	26C3	dyke clay loam	7-15	4e	80	50	0	1,210	0.3
57	26D3	dyke clay loam	15-25	6e	73	46	0	470	0.1
58	27B	elioak loam	2- 7	2e	100	63	1	8,710	1.9
59	27C	elioak loam	7-15	3e	88	55	S	7,110	1.5
60	27D	elioak loam	15-25	4e	80	50	S	1,160	0.2
61	28C3	elioak clay loam	7-15	4e	62	39	0	810	0.2
62	28D3	elioak clay loam	15-25	6e		0	0	250	0.1
63	29B	fauquier silt loam	2- 7	2e	130	81	1	1,300	0.3
64	29C	fauquier silt loam	7-15	3e	114	71	S	1,670	0.4
65	29D	fauquier silt loam	15-25	4e	104	65	S	1,120	0.2
66	29E	fauquier silt loam	25-45	7e		0	0	470	0.1
67	30C3	fauquier silty clay loam	7-15	4e	80	50	0	440	0.1
68	30D3	fauquier silty clay loam	15-25	6e	73	46	0	200	0.0
69	31C	fauquier very stony silt loam	7-15	6s		0	0	500	0.1
70	31D	fauquier very stony silt loam	15-25	6s		0	0	600	0.1
71	32B	fluvanna silt loam	2- 7	2e	100	63	1	700	0.2
72	32C	fluvanna silt loam	7-15	3e	88	55	S	580	0.1
73	33C	fluvanna very stony silt loam	7-15	6s		0	0	420	0.1
74	34B	glenelg loam	2- 7	2e	130	81	1	1,270	0.3
75	34C	glenelg loam	7-15	3e	114	71	S	5,150	1.1
76	34D	glenelg loam	15-25	4e	104	65	S	4,780	1.0
77	34E	glenelg loam	25-45	7e		0	0	850	0.2
78	35C	hartleton-cataska very stony	7-15	6s		0	0	500	0.1
79	36B	hayesville loam	2- 7	2e	100	63	1	15,700	3.4
80	36C	hayesville loam	7-15	4e	88	55	S	15,020	3.2
81	36D	hayesville loam	15-25	6e		0	O	5,130	1.1
82	36E	hayesville loam	25-45	7e		0	0	470	0.1
83	37B3	hayesville clay loam	2- 7	3e	70	44	0	450	0.1
84	37C3	hayesville clay loam	7-15	4e		0	0	6,400	1.4
85	37D3	hayesville clay loam	15-25	6e		0	0	5,030	1.1
86	37E3	hayesville clay loam	25-45	7e		0	0	290	0.1
87	38C	hayesville very stony loam	7-15	6s		0	O	1,400	0.3
88	38D	hayesville very stony loam	15-25	7s		0	O	1,450	0.3
89	38E	hayesville very stony loam	25-45	7s		0	0	860	0.2
90	39C	hazel loam	7-15	3e		0	0	770	0.2
91	39D	hazel loam	15-25	4e		0	0	4,550	1.0
92	39E	hazel loam	25-45	7e		0	0	4,530	1.0
93	40D	hazel very stony loam	15-25	7s		0	0	910	0.2
94	40E	hazel very stony loam	25-45	7e		0	0	3,710	0.8

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
95	41B	hiwassee loam	2- 7	2e	130	81	1	1,480	0.3
96	41C	hiwassee loam	7-15	4e	114	71	S	380	0.1
97	42B3	hiwassee clay loam	2- 7	3e	91	57	0	280	0.1
98	42C3	hiwassee clay loam	7-15	4e	80	50	0	630	0.1
99	42D3	hiwassee clay loam	15-25	6e	73	46	0	220	0.0
100	43B	klinesville channery silt loa	2- 7	3e	55	34	0	220	0.0
101	43C	klinesville channery silt loa	7-15	4e	49	31	0	1,280	0.3
102	43D	klinesville channery silt loa	15-25	6e		0	0	1,500	0.3
103	43E	klinesville channery silt loa	25-45	7e		0	0	610	0.1
104	44C	lew very stony silt loam	7-15	7s		0	0	1,030	0.2
105	44D	lew very stony silt loam	15-25	7s		0	0	1,120	0.2
106	45C	lew extremely stony silt loam	7-15	7s		0	0	660	0.1
107	45D	lew extremely stony silt loam	15-25	7s		0	0	520	0.1
108	46B	lignum silt loam	2- 7	2e	65	41	S	1,820	0.4
109	47C	louisburg sandy loam	7-15	6e		0	0	500	0.1
110	47D	louisburg sandy loam	15-25	7e		0	0	1,170	0.3
111	47E	louisburg sandy loam	25-45	7e		0	0	470	0.1
112	48D	louisburg very stony sandy lo	15-25	7s		0	0	300	0.1
113	48E	louisburg very stony sandy lo	25-45	7s		0	0	1,330	0.3
114	49B	manassas silt loam	2- 7	2e	150	94	1	730	0.2
115	50D	manor loam	15-25	4e	85	53	S	290	0.1
116	50E	manor loam	25-45	7e		0	0	270	0.1
117	51B	manteo channery silt loam	2- 7	4e		0	0	5,990	1.3
118	51C	manteo channery silt loam	7-15	6e		0	0	13,030	2.8
119	51D	manteo channery silt loam	15-25	7e		0	0	10,410	2.2
120	51E	manteo channery silt loam	25-45	7e		0	0	2,700	0.6
121	52D	manteo very channery silt loa	15-25	7s		0	0	940	0.2
122	52E	manteo very channery silt loa	25-45	7s		0	0	980	0.2
123	53B	masada loam	2- 7	2e	130	81	1	840	0.2
124	53C	masada loam	7-15	3e	114	71	S	390	0.1
125	54B	mayodan loam	2- 7	2e	100	63	1	490	0.1
126	54C	mayodan loam	7-15	4e	88	55	S	180	0.0
127	55B	mcqueen loam	2- 7	2e	160	100	1	1,050	0.2
128	56B	meadowville loam	2- 7	2e	140	88	1	3,330	0.7
129	56C	meadowville loam	7-15	3e	123	77	S	1,000	0.2
130	57B	mount lucas silt loam	2- 7	2e	130	81	1	1,110	0.2
131	58B	myersville silt loam	2- 7	2e	150	94	1	1,210	0.3
132	58C	myersville silt loam	7-15	3e	132	83	0	2,160	0.5
133	58D	myersville silt loam	15-25	4e	120	75	0	1,740	0.4
134	58E	myersville silt loam	25-45	7e		0	0	880	0.2
135	59C	myersville very stony silt lo	7-15	6s		0	O	770	0.2
136	59D	myersville very stony silt lo	15-25	6s		0	O	2,520	0.5
137	59E	myersville very stony silt lo	25-45	7e		0	0	5,740	1.2
138	60C	myersville-catoctin very ston	7-15	6s		0	0	1,850	0.4
139	60D	myersville-catoctin very ston	15-25	6s		0	0	3,560	0.8
140	60E	myersville-catoctin very ston	25-60	7e		0	0	16,060	3.5
141	61D	myersville-rock outcrop compl	15-25	6s		0	0	240	0.1
142	61E	myersville-rock outcrop compl	25-45	7e		0	0	320	0.1
143	62B	nason silt loam	2- 7	2e	100	63	1	14,180	3.1
144	62C	nason silt loam	7-15	3e	88	55	S	8,220	1.8
145	62D	nason silt loam	15-25	4e	80	50	S	550	0.1
146	63B	orange silt loam	2- 7	3e	65	41	S	610	0.1
147	64B	orange very stony silt loam	2- 7	6s		0	0	380	0.1
148	65B	pacolet sandy loam	2- 7	2e	100	63	1	1,010	0.2
149	65C	pacolet sandy loam	7-15	4e	88	55	S	810	0.2
150	66C	parker very stony loam	7-15	6s		0	0	700	0.2
151	66D	parker very stony loam	15-25	6s		0	0	2,320	0.5

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
152	66E	parker very stony loam	25-45	7s		0	0	12,580	2.7
153	67D	parker extremely stony loam	15-25	7s		0	0	550	0.1
154	67E	parker extremely stony loam	25-60	7s		0	0	6,100	1.3
155	68B	penn silt loam	2- 7	2e	85	53	1	960	0.2
156	68C	penn silt loam	7-15	3e	75	47	0	1,940	0.4
157	68D	penn silt loam	15-25	4e	68	43	0	390	0.1
158	69	pits	0- 4	8s		0	0	250	0.1
159	70C	porters very stony loam	7-15	6s		0	0	210	0.0
160	70D	porters very stony loam	15-25	6s		0	0	280	0.1
161	70E	porters very stony loam	25-45	7s		0	0	1,800	0.4
162	71B	rabun clay loam	2- 7	2e	130	81	1	3,670	0.8
163	71C	rabun clay loam	7-15	6e	114	71	0	6,150	1.3
164	71D	rabun clay loam	15-25	6e	104	65	0	5,400	1.2
165	71E	rabun clay loam	25-45	7e		0	0	1,340	0.3
166	72B3	rabun clay	2- 7	3e	95	59	S	1,130	0.2
167	72C3	rabun clay	7-15	4e	80	50	0	4,540	1.0
168	72D3	rabun clay	15-25	6e	73	46	0	2,320	0.5
169	72E3	rabun clay	25-45	7e		0	0	240	0.1
170	73C	rabun very stony clay loam	7-15	7e		0	0	540	0.1
171	73D	rabun very stony clay loam	15-25	7e		0	0	2,060	0.4
172	73E	rabun very stony clay loam	25-45	7s		0	0	1,220	0.3
173	74B	rapidan silt loam	2- 7	2e	130	81	1	1,400	0.3
174	74C	rapidan silt loam	7-15	3e	114	71	S	870	0.2
175	74D	rapidan silt loam	15-25	4e	104	65	S	280	0.1
176	75C3	rapidan silty clay loam	7-15	4e	80	50	0	420	0.1
177	75D3	rapidan silty clay loam	15-25	6e	73	46	0	400	0.1
178	76	riverview loam	0- 2	2w	140	88	S	4,230	0.9
179	77	riverview-chewacla complex	0- 2	2w	140	88	S	3,380	0.7
180	78	rowland silt loam	0- 2	2w	160	100	S	460	0.1
181	79B	starr silt loam	2- 7	2e	140	88	1	4,230	0.9
182	80B	tatum silt loam	2- 7	2e	100	63	1	3,730	0.8
183	80C	tatum silt loam	7-15	3e	88	55	S	1,100	0.2
184	81B	thurmont loam	2- 7	2e	130	81	1	1,960	0.4
185	81C	thurmont loam	7-15	3e	114	71	S	2,560	0.6
186	81D	thurmont loam	15-25	4e	104	65	S	460	0.1
187	82C	thurmont very stony loam	7-15	6s		0	0	1,060	0.2
188	82D	thurmont very stony loam	15-25	6s		0	0	790	0.2
189	83	toccoa fine sandy loam	0- 2	2w	65	41	S	3,050	0.7
190	84B	totier silt loam	2- 7	2e	110	69	1	4,410	0.9
191	84C	totier silt loam	7-15	3e	97	61	S	990	0.2
192	85C3	totier silty clay loam	7-15	4e	68	43	0	380	0.1
193	86B	turbeville loam	2- 7	2e	130	81	1	850	0.2
194	86C	turbeville loam	7-15	3e	114	71	S	350	0.1
195	87B	tusquitee stony loam	2- 7	4s		0	S	470	0.1
196	87C	tusquitee stony loam	7-15	4s		0	S	970	0.2
197	87D	tusquitee stony loam	15-25	6s		0	O	490	0.1
198	88	udorthents	2-25	0		0	0	1,550	0.3
199	89B	unison silt loam	2- 7	2e	130	81	1	970	0.2
200	89C	unison silt loam	7-15	3e	114	71	S	310	0.1
201	90B	unison very stony silt loam	2- 7	6s		0	0	580	0.1
202	90C	unison very stony silt loam	7-15	6s		0	0	1,220	0.3
203	90D	unison very stony silt loam	15-25	6s		0	0	250	0.1
204	91	urban land	0-25	8s		0	0	660	0.1
205	92	wahee silt loam	0- 4	2w	65	41	S	690	0.1
206	93C	watt channery silt loam	7-15	4e	49	31	0	270	0.1
207	93D	watt channery silt loam	15-25	6e		0	0	270	0.1
208	93E	watt channery silt loam	25-45	7e		0	0	400	0.1

line no.	**map symbl**	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
209	94B	wedowee sandy loam	2- 7	2e	100	63	1	500	0.1
210	94C	wedowee sandy loam	7-15	4e	88	55	S	850	0.2
211	95	wehadkee silt loam	0- 2	4w	65	41	0	3,550	0.8
212	96B	worsham loam	2- 7	4w	85	53	0	1,450	0.3
213	W	water	0- 0	0		0	0	2,520	0.5
								464,600	

Sorted by Productivity Index (prd ind)

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
1	6	bermudian silt loam	0- 2	1	160	100	1	350	0.1
2	55B	mcqueen loam	2- 7	2e	160	100	1	1,050	0.2
3	78	rowland silt loam	0- 2	2w	160	100	S	460	0.1
4	14B	chester loam	2- 7	2e	150	94	1	1,220	0.3
5	49B	manassas silt loam	2- 7	2e	150	94	1	730	0.2
6	58B	myersville silt loam	2- 7	2e	150	94	1	1,210	0.3
7	1B	abell silt loam	2- 7	2e	140	88	1	580	0.1
8	16	chewacla silt loam	0- 2	3w	140	88	S	5,210	1.1
9	56B	meadowville loam	2- 7	2e	140	88	1	3,330	0.7
10	76	riverview loam	0- 2	2w	140	88	S	4,230	0.9
11	77	riverview-chewacla complex	0- 2	2w	140	88	S	3,380	0.7
12	79B	starr silt loam	2- 7	2e	140	88	1	4,230	0.9
13	14C	chester loam	7-15	3e	132	83	S	5,380	1.2
14	58C	myersville silt loam	7-15	3e	132	83	0	2,160	0.5
15	7B	braddock loam	2- 7	2e	130	81	1	6,180	1.3
16	19B	cullen loam	2- 7	2e	130	81	1	4,690	1.0
17	23B	davidson clay loam	2- 7	3e	130	81	1	2,340	0.5
18	24B	dogue silt loam	2- 7	2e	130	81	1	940	0.2
19	25B	dyke silt loam	2- 7	2e	130	81	1	4,230	0.9
20	29B	fauquier silt loam	2- 7	2e	130	81	1	1,300	0.3
21	34B	glenelg loam	2- 7	2e	130	81	1	1,270	0.3
22	41B	hiwassee loam	2- 7	2e	130	81	1	1,480	0.3
23	53B	masada loam	2- 7	2e	130	81	1	840	0.2
24	57B	mount lucas silt loam	2- 7	2e	130	81	1	1,110	0.2
25	71B	rabun clay loam	2- 7	2e	130	81	1	3,670	0.8
26	74B	rapidan silt loam	2- 7	2e	130	81	1	1,400	0.3
27	81B	thurmont loam	2- 7	2e	130	81	1	1,960	0.4
28	86B	turbeville loam	2- 7	2e	130	81	1	850	0.2
29	89B	unison silt loam	2- 7	2e	130	81	1	970	0.2
30	56C	meadowville loam	7-15	3e	123	77	S	1,000	0.2
31	14D	chester loam	15-25	4e	120	75	S	6,440	1.4
32	58D	myersville silt loam	15-25	4e	120	75	0	1,740	0.4
33	7C	braddock loam	7-15	3e	114	71	S	3,740	0.8
34	19C	cullen loam	7-15	3e	114	71	S	4,030	0.9
35	23C	davidson clay loam	7-15	6e	114	71	0	1,200	0.3
36	25C	dyke silt loam	7-15	3e	114	71	S	1,300	0.3
37	29C	fauquier silt loam	7-15	3e	114	71	S	1,670	0.4
38	34C	glenelg loam	7-15	3e	114	71	S	5,150	1.1
39	41C	hiwassee loam	7-15	4e	114	71	S	380	0.1
40	53C	masada loam	7-15	3e	114	71	S	390	0.1
41	71C	rabun clay loam	7-15	6e	114	71	0	6,150	1.3
42	74C	rapidan silt loam	7-15	3e	114	71	S	870	0.2
43	81C	thurmont loam	7-15	3e	114	71	S	2,560	0.6

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	acres pct
44	86C	turbeville loam	7-15	3e	114	71	S	350	0.1
45	89C	unison silt loam	7-15	3e	114	71	S	310	0.1
46	84B	totier silt loam	2- 7	2e	110	69	1	4,410	0.9
47	7D	braddock loam	15-25	4e	104	65	S	390	0.1
48	19D	cullen loam	15-25	4e	104	65	S	1,410	0.3
49	29D	fauquier silt loam	15-25	4e	104	65	S	1,120	0.2
50	34D	glenelg loam	15-25	4e	104	65	S	4,780	1.0
51	71D	rabun clay loam	15-25	6e	104	65	0	5,400	1.2
52	74D	rapidan silt loam	15-25	4e	104	65	S	280	0.1
53	81D	thurmont loam	15-25	4e	104	65	S	460	0.1
54	21B	culpeper fine sandy loam	2- 7	2e	100	63	1	1,760	0.4
55	27B	elioak loam	2- 7	2e	100	63	1	8,710	1.9
56	32B	fluvanna silt loam	2- 7	2e	100	63	1	700	0.2
57	36B	hayesville loam	2- 7	2e	100	63	1	15,700	3.4
58	54B	mayodan loam	2- 7	2e	100	63	1	490	0.1
59	62B	nason silt loam	2- 7	2e	100	63	1	14,180	3.1
60	65B	pacolet sandy loam	2- 7	2e	100	63	1	1,010	0.2
61	80B	tatum silt loam	2- 7	2e	100	63	1	3,730	0.8
62	94B	wedowee sandy loam	2- 7	2e	100	63	1	500	0.1
63	84C	totier silt loam	7-15	3e	97	61	S	990	0.2
64	72B3	rabun clay	2- 7	3e	95	59	S	1,130	0.2
65	8C3	braddock clay loam	7-15	4e	91	57	0	570	0.1
66	20B3	cullen clay loam	2- 7	3e	91	57	0	270	0.1
67	26B3	dyke clay loam	2- 7	3e	91	57	0	280	0.1
68	42B3	hiwassee clay loam	2- 7	3e	91	57	0	280	0.1
69	21C	culpeper fine sandy loam	7-15	3e	88	55	S	1,530	0.3
70	27C	elioak loam	7-15	3e	88	55	S	7,110	1.5
71	32C	fluvanna silt loam	7-15	3e	88	55	S	580	0.1
72	36C	hayesville loam	7-15	4e	88	55	S	15,020	3.2
73	54C	mayodan loam	7-15	4e	88	55	S	180	0.0
74	62C	nason silt loam	7-15	3e	88	55	S	8,220	1.8
75	65C	pacolet sandy loam	7-15	4e	88	55	S	810	0.2
76	80C	tatum silt loam	7-15	3e	88	55	S	1,100	0.2
77	94C	wedowee sandy loam	7-15	4e	88	55	S	850	0.2
78	5B	belvoir loam	2- 7	3w	85	53	0	900	0.2
79	17	craigsville loam	0- 2	3w	85	53	0	2,110	0.5
80	50D	manor loam	15-25	4e	85	53	S	290	0.1
81	68B	penn silt loam	2- 7	2e	85	53	1	960	0.2
82	96B	worsham loam	2- 7	4w	85	53	0	1,450	0.3
83	20C3	cullen clay loam	7-15	4e	80	50	0	1,760	0.4
84	21D	culpeper fine sandy loam	15-25	4e	80	50	S	270	0.1
85	26C3	dyke clay loam	7-15	4e	80	50	0	1,210	0.3
86	27D	elioak loam	15-25	4e	80	50	S	1,160	0.2
87	30C3	fauquier silty clay loam	7-15	4e	80	50	0	440	0.1
88	42C3	hiwassee clay loam	7-15	4e	80	50	0	630	0.1
89	62D	nason silt loam	15-25	4e	80	50	S	550	0.1
90	72C3	rabun clay	7-15	4e	80	50	0	4,540	1.0
91	75C3	rapidan silty clay loam	7-15	4e	80	50	0	420	0.1
92	68C	penn silt loam	7-15	3e	75	47	0	1,940	0.4
93	20D3	cullen clay loam	15-25	6e	73	46	0	1,140	0.2
94	26D3	dyke clay loam	15-25	6e	73	46	0	470	0.1
95	30D3	fauquier silty clay loam	15-25	6e	73	46	0	200	0.0
96	42D3	hiwassee clay loam	15-25	6e	73	46	0	220	0.0
97	72D3	rabun clay	15-25	6e	73	46	0	2,320	0.5
98	75D3	rapidan silty clay loam	15-25	6e	73	46	0	400	0.1
99	37B3	hayesville clay loam	2- 7	3e	70	44	0	450	0.1
100	68D	penn silt loam	15-25	4e	68	43	0	390	0.1

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	acres pct
101	85C3	totier silty clay loam	7-15	4e	68	43	0	380	0.1
102	2B	albemarle fine sandy loam	2- 7	2e	65	41	1	400	0.1
103	4B	ashe loam	2- 7	3e	65	41	0	210	0.0
104	18B	creedmoor loam	2- 7	2e	65	41	S	670	0.1
105	46B	lignum silt loam	2- 7	2e	65	41	S	1,820	0.4
106	63B	orange silt loam	2- 7	3e	65	41	S	610	0.1
107	83	toccoa fine sandy loam	0- 2	2w	65	41	S	3,050	0.7
108	92	wahee silt loam	0- 4	2w	65	41	S	690	0.1
109	95	wehadkee silt loam	0- 2	4w	65	41	0	3,550	0.8
110	22C3	culpeper clay loam	7-15	4e	62	39	0	300	0.1
111	28C3	elioak clay loam	7-15	4e	62	39	0	810	0.2
112	2C	albemarle fine sandy loam	7-15	3e	57	36	S	980	0.2
113	4C	ashe loam	7-15	4e	57	36	0	1,230	0.3
114	12C	catoctin silt loam	7-15	3e	57	36	0	720	0.2
115	43B	klinesville channery silt loa	2- 7	3e	55	34	0	220	0.0
116	2D	albemarle fine sandy loam	15-25	4e	52	33	S	670	0.1
117	12D	catoctin silt loam	15-25	4e	52	33	0	1,370	0.3
118	43C	klinesville channery silt loa	7-15	4e	49	31	0	1,280	0.3
119	93C	watt channery silt loam	7-15	4e	49	31	0	270	0.1
120	3C	albemarle very stony fine san	7-15	3e		0	0	410	0.1
121	3D	albemarle very stony fine san	15-25	4e		0	0	570	0.1
122	3E	albemarle very stony fine san	25-45	6e		0	0	250	0.1
123	4D	ashe loam	15-25	6e		0	0	9,420	2.0
124	4E	ashe loam	25-45	7e		0	0	14,080	3.0
125	9B	braddock very stony loam	2- 7	6s		0	0	270	0.1
126	9C	braddock very stony loam	7-15	6s		0	0	580	0.1
127	9D	braddock very stony loam	15-25	6s		0	0	410	0.1
128	10	buncombe loamy sand	0- 2	4s		0	0	1,040	0.2
129	11D	cataska-hartleton very stony	15-25	7s		0	0	610	0.1
130	11E	cataska-hartleton very stony	25-60	7s		0	0	3,500	0.8
131	12E	catoctin silt loam	25-45	7e		0	0	1,320	0.3
132	13C	catoctin very stony silt loam	7-15	7s		0	0	550	0.1
133	13D	catoctin very stony silt loam	15-25	7s		0	0	950	0.2
134	13E	catoctin very stony silt loam	25-45	7e		0	0	2,860	0.6
135	14E	chester loam	25-45	6e		0	0	2,950	0.6
136	15C	chester very stony loam	7-15	6s		0	0	1,630	0.4
137	15D	chester very stony loam	15-25	6s		0	0	4,550	1.0
138	15E	chester very stony loam	25-45	7s		0	0	10,860	2.3
139	28D3	elioak clay loam	15-25	6e		0	0	250	0.1
140	29E	fauquier silt loam	25-45	7e		0	0	470	0.1
141	31C	fauquier very stony silt loam	7-15	6s		0	0	500	0.1
142	31D	fauquier very stony silt loam	15-25	6s		0	0	600	0.1
143	33C	fluvanna very stony silt loam	7-15	6s		0	0	420	0.1
144	34E	glenelg loam	25-45	7e		0	0	850	0.2
145	35C	hartleton-cataska very stony	7-15	6s		0	0	500	0.1
146	36D	hayesville loam	15-25	6e		0	O	5,130	1.1
147	36E	hayesville loam	25-45	7e		0	0	470	0.1
148	37C3	hayesville clay loam	7-15	4e		0	0	6,400	1.4
149	37D3	hayesville clay loam	15-25	6e		0	0	5,030	1.1
150	37E3	hayesville clay loam	25-45	7e		0	0	290	0.1
151	38C	hayesville very stony loam	7-15	6s		0	O	1,400	0.3
152	38D	hayesville very stony loam	15-25	7s		0	O	1,450	0.3
153	38E	hayesville very stony loam	25-45	7s		0	0	860	0.2
154	39C	hazel loam	7-15	3e		0	0	770	0.2
155	39D	hazel loam	15-25	4e		0	0	4,550	1.0
156	39E	hazel loam	25-45	7e		0	0	4,530	1.0
157	40D	hazel very stony loam	15-25	7s		0	0	910	0.2

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
158	40E	hazel very stony loam	25-45	7e		0	0	3,710	0.8
159	43D	klinesville channery silt loa	15-25	6e		0	0	1,500	0.3
160	43E	klinesville channery silt loa	25-45	7e		0	0	610	0.1
161	44C	lew very stony silt loam	7-15	7s		0	0	1,030	0.2
162	44D	lew very stony silt loam	15-25	7s		0	0	1,120	0.2
163	45C	lew extremely stony silt loam	7-15	7s		0	0	660	0.1
164	45D	lew extremely stony silt loam	15-25	7s		0	0	520	0.1
165	47C	louisburg sandy loam	7-15	6e		0	0	500	0.1
166	47D	louisburg sandy loam	15-25	7e		0	0	1,170	0.3
167	47E	louisburg sandy loam	25-45	7e		0	0	470	0.1
168	48D	louisburg very stony sandy lo	15-25	7s		0	0	300	0.1
169	48E	louisburg very stony sandy lo	25-45	7s		0	0	1,330	0.3
170	50E	manor loam	25-45	7e		0	0	270	0.1
171	51B	manteo channery silt loam	2- 7	4e		0	0	5,990	1.3
172	51C	manteo channery silt loam	7-15	6e		0	0	13,030	2.8
173	51D	manteo channery silt loam	15-25	7e		0	0	10,410	2.2
174	51E	manteo channery silt loam	25-45	7e		0	0	2,700	0.6
175	52D	manteo very channery silt loa	15-25	7s		0	0	940	0.2
176	52E	manteo very channery silt loa	25-45	7s		0	0	980	0.2
177	58E	myersville silt loam	25-45	7e		0	0	880	0.2
178	59C	myersville very stony silt lo	7-15	6s		0	O	770	0.2
179	59D	myersville very stony silt lo	15-25	6s		0	O	2,520	0.5
180	59E	myersville very stony silt lo	25-45	7e		0	0	5,740	1.2
181	60C	myersville-catoctin very ston	7-15	6s		0	0	1,850	0.4
182	60D	myersville-catoctin very ston	15-25	6s		0	0	3,560	0.8
183	60E	myersville-catoctin very ston	25-60	7e		0	0	16,060	3.5
184	61D	myersville-rock outcrop compl	15-25	6s		0	0	240	0.1
185	61E	myersville-rock outcrop compl	25-45	7e		0	0	320	0.1
186	64B	orange very stony silt loam	2- 7	6s		0	0	380	0.1
187	66C	parker very stony loam	7-15	6s		0	0	700	0.2
188	66D	parker very stony loam	15-25	6s		0	0	2,320	0.5
189	66E	parker very stony loam	25-45	7s		0	0	12,580	2.7
190	67D	parker extremely stony loam	15-25	7s		0	0	550	0.1
191	67E	parker extremely stony loam	25-60	7s		0	0	6,100	1.3
192	69	pits	0- 4	8s		0	0	250	0.1
193	70C	porters very stony loam	7-15	6s		0	0	210	0.0
194	70D	porters very stony loam	15-25	6s		0	0	280	0.1
195	70E	porters very stony loam	25-45	7s		0	0	1,800	0.4
196	71E	rabun clay loam	25-45	7e		0	0	1,340	0.3
197	72E3	rabun clay	25-45	7e		0	0	240	0.1
198	73C	rabun very stony clay loam	7-15	7e		0	0	540	0.1
199	73D	rabun very stony clay loam	15-25	7e		0	0	2,060	0.4
200	73E	rabun very stony clay loam	25-45	7s		0	0	1,220	0.3
201	82C	thurmont very stony loam	7-15	6s		0	0	1,060	0.2
202	82D	thurmont very stony loam	15-25	6s		0	0	790	0.2
203	87B	tusquitee stony loam	2- 7	4s		0	S	470	0.1
204	87C	tusquitee stony loam	7-15	4s		0	S	970	0.2
205	87D	tusquitee stony loam	15-25	6s		0	O	490	0.1
206	88	udorthents	2-25	0		0	0	1,550	0.3
207	90B	unison very stony silt loam	2- 7	6s		0	0	580	0.1
208	90C	unison very stony silt loam	7-15	6s		0	0	1,220	0.3
209	90D	unison very stony silt loam	15-25	6s		0	0	250	0.1
210	91	urban land	0-25	8s		0	0	660	0.1
211	93D	watt channery silt loam	15-25	6e		0	0	270	0.1
212	93E	watt channery silt loam	25-45	7e		0	0	400	0.1
								464,600	

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
6	1	bermudian	0- 2	160	100	1	350	0.1	56,000	160	56,000
36B	2e	hayesville	2- 7	100	63	1	15,700	3.4	1,570,000	100	1,570,000
62B	2e	nason silt	2- 7	100	63	1	14,180	3.1	1,418,000	100	1,418,000
27B	2e	elioak loa	2- 7	100	63	1	8,710	1.9	871,000	100	871,000
7B	2e	braddock l	2- 7	130	81	1	6,180	1.3	803,400	130	803,400
19B	2e	cullen loa	2- 7	130	81	1	4,690	1.0	609,700	130	609,700
84B	2e	totier sil	2- 7	110	69	1	4,410	0.9	485,100	110	485,100
79B	2e	starr silt	2- 7	140	88	1	4,230	0.9	592,200	140	592,200
25B	2e	dyke silt	2- 7	130	81	1	4,230	0.9	549,900	130	549,900
80B	2e	tatum silt	2- 7	100	63	1	3,730	0.8	373,000	100	373,000
71B	2e	rabun clay	2- 7	130	81	1	3,670	0.8	477,100	130	477,100
56B	2e	meadowvill	2- 7	140	88	1	3,330	0.7	466,200	140	466,200
81B	2e	thurmont l	2- 7	130	81	1	1,960	0.4	254,800	130	254,800
21B	2e	culpeper f	2- 7	100	63	1	1,760	0.4	176,000	100	176,000
41B	2e	hiwassee l	2- 7	130	81	1	1,480	0.3	192,400	130	192,400
74B	2e	rapidan si	2- 7	130	81	1	1,400	0.3	182,000	130	182,000
29B	2e	fauquier s	2- 7	130	81	1	1,300	0.3	169,000	130	169,000
34B	2e	glenelg lo	2- 7	130	81	1	1,270	0.3	165,100	130	165,100
14B	2e	chester lo	2- 7	150	94	1	1,220	0.3	183,000	150	183,000
58B	2e	myersville	2- 7	150	94	1	1,210	0.3	181,500	150	181,500
57B	2e	mount luca	2- 7	130	81	1	1,110	0.2	144,300	130	144,300
55B	2e	mcqueen lo	2- 7	160	100	1	1,050	0.2	168,000	160	168,000
65B	2e	pacolet sa	2- 7	100	63	1	1,010	0.2	101,000	100	101,000
89B	2e	unison sil	2- 7	130	81	1	970	0.2	126,100	130	126,100
68B	2e	penn silt	2- 7	85	53	1	960	0.2	81,600	85	81,600
24B	2e	dogue silt	2- 7	130	81	1	940	0.2	122,200	130	122,200
86B	2e	turbeville	2- 7	130	81	1	850	0.2	110,500	130	110,500
53B	2e	masada loa	2- 7	130	81	1	840	0.2	109,200	130	109,200
49B	2e	manassas s	2- 7	150	94	1	730	0.2	109,500	150	109,500
32B	2e	fluvanna s	2- 7	100	63	1	700	0.2	70,000	100	70,000
1B	2e	abell silt	2- 7	140	88	1	580	0.1	81,200	140	81,200
94B	2e	wedowee sa	2- 7	100	63	1	500	0.1	50,000	100	50,000
54B	2e	mayodan lo	2- 7	100	63	1	490	0.1	49,000	100	49,000
2B	2e	albemarle	2- 7	65	41	1	400	0.1	26,000	65	26,000
23B	3e	davidson c	2- 7	130	81	1	2,340	0.5	304,200	130	304,200
				TOTAL			98,480	21.2	11,428,200		11,428,200

Weighted Average Yield = 116.05 Adjusted Weighted Average Yield = 116.05

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
46B	2e	lignum sil	2- 7	65	41	S	1,820	0.4	118,300	65	118,300
18B	2e	creedmoor	2- 7	65	41	S	670	0.1	43,550	65	43,550
83	2w	toccoa fin	0- 2	65	41	S	3,050	0.7	198,250	65	198,250
92	2w	wahee silt	0- 4	65	41	S	690	0.1	44,850	65	44,850
76	2w	riverview	0- 2	140	88	S	4,230	0.9	592,200	140	592,200

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
77	2w	riverview-	0- 2	140	88	S	3,380	0.7	473,200	140	473,200
78	2w	rowland si	0- 2	160	100	S	460	0.1	73,600	160	73,600
					TOTAL		14,300	3.1	1,543,950		1,543,950

Weighted Average Yield = 107.97 Adjusted Weighted Average Yield = 107.97

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
62C	3e	nason silt	7-15	88	55	S	8,220	1.8	723,360	88	723,360
27C	3e	elioak loa	7-15	88	55	S	7,110	1.5	625,680	88	625,680
14C	3e	chester lo	7-15	132	83	S	5,380	1.2	710,160	132	710,160
34C	3e	glenelg lo	7-15	114	71	S	5,150	1.1	587,100	114	587,100
19C	3e	cullen loa	7-15	114	71	S	4,030	0.9	459,420	114	459,420
7C	3e	braddock l	7-15	114	71	S	3,740	0.8	426,360	114	426,360
81C	3e	thurmont l	7-15	114	71	S	2,560	0.6	291,840	114	291,840
29C	3e	fauquier s	7-15	114	71	S	1,670	0.4	190,380	114	190,380
21C	3e	culpeper f	7-15	88	55	S	1,530	0.3	134,640	88	134,640
25C	3e	dyke silt	7-15	114	71	S	1,300	0.3	148,200	114	148,200
72B3	3e	rabun clay	2- 7	95	59	S	1,130	0.2	107,350	95	107,350
80C	3e	tatum silt	7-15	88	55	S	1,100	0.2	96,800	88	96,800
56C	3e	meadowvill	7-15	123	77	S	1,000	0.2	123,000	123	123,000
84C	3e	totier sil	7-15	97	61	S	990	0.2	96,030	97	96,030
2C	3e	albemarle	7-15	57	36	S	980	0.2	55,860	57	55,860
74C	3e	rapidan si	7-15	114	71	S	870	0.2	99,180	114	99,180
63B	3e	orange sil	2- 7	65	41	S	610	0.1	39,650	65	39,650
32C	3e	fluvanna s	7-15	88	55	S	580	0.1	51,040	88	51,040
53C	3e	masada loa	7-15	114	71	S	390	0.1	44,460	114	44,460
86C	3e	turbeville	7-15	114	71	S	350	0.1	39,900	114	39,900
89C	3e	unison sil	7-15	114	71	S	310	0.1	35,340	114	35,340
16	3w	chewacla s	0- 2	140	88	S	5,210	1.1	729,400	140	729,400
58C	3e	myersville	7-15	132	83	0	2,160	0.5	285,120	132	285,120
68C	3e	penn silt	7-15	75	47	0	1,940	0.4	145,500	75	145,500
12C	3e	catoctin s	7-15	57	36	0	720	0.2	41,040	57	41,040
37B3	3e	hayesville	2- 7	70	44	0	450	0.1	31,500	70	31,500
26B3	3e	dyke clay	2- 7	91	57	0	280	0.1	25,480	91	25,480
42B3	3e	hiwassee c	2- 7	91	57	0	280	0.1	25,480	91	25,480
20B3	3e	cullen cla	2- 7	91	57	0	270	0.1	24,570	91	24,570
43B	3e	klinesvill	2- 7	55	34	0	220	0.0	12,100	55	12,100
4B	3e	ashe loam	2- 7	65	41	0	210	0.0	13,650	65	13,650
17	3w	craigsvill	0- 2	85	53	0	2,110	0.5	179,350	85	179,350
5B	3w	belvoir lo	2- 7	85	53	0	900	0.2	76,500	85	76,500
					TOTAL		63,750	13.7	6,675,440		6,675,440

Weighted Average Yield = 104.71 Adjusted Weighted Average Yield = 104.71

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
39C	3e	hazel loam	7-15			0	770	0.2	0		0
3C	3e	albemarle	7-15			0	410	0.1	0		0
36C	4e	hayesville	7-15	88	55	S	15,020	3.2	1,321,760	88	1,321,760
14D	4e	chester lo	15-25	120	75	S	6,440	1.4	772,800	120	772,800
34D	4e	glenelg lo	15-25	104	65	S	4,780	1.0	497,120	104	497,120
19D	4e	cullen loa	15-25	104	65	S	1,410	0.3	146,640	104	146,640
27D	4e	elioak loa	15-25	80	50	S	1,160	0.2	92,800	80	92,800
29D	4e	fauquier s	15-25	104	65	S	1,120	0.2	116,480	104	116,480
94C	4e	wedowee sa	7-15	88	55	S	850	0.2	74,800	88	74,800
65C	4e	pacolet sa	7-15	88	55	S	810	0.2	71,280	88	71,280
2D	4e	albemarle	15-25	52	33	S	670	0.1	34,840	52	34,840
62D	4e	nason silt	15-25	80	50	S	550	0.1	44,000	80	44,000
81D	4e	thurmont l	15-25	104	65	S	460	0.1	47,840	104	47,840
7D	4e	braddock l	15-25	104	65	S	390	0.1	40,560	104	40,560
41C	4e	hiwassee l	7-15	114	71	S	380	0.1	43,320	114	43,320
50D	4e	manor loam	15-25	85	53	S	290	0.1	24,650	85	24,650
74D	4e	rapidan si	15-25	104	65	S	280	0.1	29,120	104	29,120
21D	4e	culpeper f	15-25	80	50	S	270	0.1	21,600	80	21,600
54C	4e	mayodan lo	7-15	88	55	S	180	0.0	15,840	88	15,840
37C3	4e	hayesville	7-15			0	6,400	1.4	0		0
51B	4e	manteo cha	2- 7			0	5,990	1.3	0		0
39D	4e	hazel loam	15-25			0	4,550	1.0	0		0
72C3	4e	rabun clay	7-15	80	50	0	4,540	1.0	363,200	80	363,200
20C3	4e	cullen cla	7-15	80	50	0	1,760	0.4	140,800	80	140,800
58D	4e	myersville	15-25	120	75	0	1,740	0.4	208,800	120	208,800
12D	4e	catoctin s	15-25	52	33	0	1,370	0.3	71,240	52	71,240
43C	4e	klinesvill	7-15	49	31	0	1,280	0.3	62,720	49	62,720
4C	4e	ashe loam	7-15	57	36	0	1,230	0.3	70,110	57	70,110
26C3	4e	dyke clay	7-15	80	50	0	1,210	0.3	96,800	80	96,800
28C3	4e	elioak cla	7-15	62	39	0	810	0.2	50,220	62	50,220
42C3	4e	hiwassee c	7-15	80	50	0	630	0.1	50,400	80	50,400
8C3	4e	braddock c	7-15	91	57	0	570	0.1	51,870	91	51,870
3D	4e	albemarle	15-25			0	570	0.1	0		0
30C3	4e	fauquier s	7-15	80	50	0	440	0.1	35,200	80	35,200
75C3	4e	rapidan si	7-15	80	50	0	420	0.1	33,600	80	33,600
68D	4e	penn silt	15-25	68	43	0	390	0.1	26,520	68	26,520
85C3	4e	totier sil	7-15	68	43	0	380	0.1	25,840	68	25,840
22C3	4e	culpeper c	7-15	62	39	0	300	0.1	18,600	62	18,600
93C	4e	watt chann	7-15	49	31	0	270	0.1	13,230	49	13,230
87C	4s	tusquitee	7-15			S	970	0.2	0		0
87B	4s	tusquitee	2- 7			S	470	0.1	0		0
95	4w	wehadkee s	0- 2	65	41	0	3,550	0.8	230,750	65	230,750
96B	4w	worsham lo	2- 7	85	53	0	1,450	0.3	123,250	85	123,250
10	4s	buncombe l	0- 2			0	1,040	0.2	0		0
71C	6e	rabun clay	7-15	114	71	0	6,150	1.3	701,100	114	701,100
71D	6e	rabun clay	15-25	104	65	0	5,400	1.2	561,600	104	561,600
23C	6e	davidson c	7-15	114	71	0	1,200	0.3	136,800	114	136,800
						TOTAL	91,320	19.7	6,468,100		6,468,100

Weighted Average Yield = 70.83 Adjusted Weighted Average Yield = 70.83

Group Number 5

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x adj acres	yld	adjust product
51C	6e	manteo cha	7-15			0	13,030	2.8	0		0
4D	6e	ashe loam	15-25			0	9,420	2.0	0		0
36D	6e	hayesville	15-25			O	5,130	1.1	0		0
37D3	6e	hayesville	15-25			0	5,030	1.1	0		0
72D3	6e	rabun clay	15-25	73	46	0	2,320	0.5	169,360	73	169,360
43D	6e	klinesvill	15-25			0	1,500	0.3	0		0
20D3	6e	cullen cla	15-25	73	46	0	1,140	0.2	83,220	73	83,220
47C	6e	louisburg	7-15			0	500	0.1	0		0
26D3	6e	dyke clay	15-25	73	46	0	470	0.1	34,310	73	34,310
75D3	6e	rapidan si	15-25	73	46	0	400	0.1	29,200	73	29,200
93D	6e	watt chann	15-25			0	270	0.1	0		0
28D3	6e	elioak cla	15-25			0	250	0.1	0		0
3E	6e	albemarle	25-45			0	250	0.1	0		0
30D3	6e	fauquier s	15-25	73	46	0	200	0.0	14,600	73	14,600
15D	6s	chester ve	15-25			0	4,550	1.0	0		0
60D	6s	myersville	15-25			0	3,560	0.8	0		0
59D	6s	myersville	15-25			O	2,520	0.5	0		0
66D	6s	parker ver	15-25			0	2,320	0.5	0		0
60C	6s	myersville	7-15			0	1,850	0.4	0		0
15C	6s	chester ve	7-15			0	1,630	0.4	0		0
38C	6s	hayesville	7-15			O	1,400	0.3	0		0
90C	6s	unison ver	7-15			0	1,220	0.3	0		0
82C	6s	thurmont v	7-15			0	1,060	0.2	0		0
82D	6s	thurmont v	15-25			0	790	0.2	0		0
59C	6s	myersville	7-15			O	770	0.2	0		0
66C	6s	parker ver	7-15			0	700	0.2	0		0
31D	6s	fauquier v	15-25			0	600	0.1	0		0
90B	6s	unison ver	2- 7			0	580	0.1	0		0
9C	6s	braddock v	7-15			0	580	0.1	0		0
31C	6s	fauquier v	7-15			0	500	0.1	0		0
35C	6s	hartleton-	7-15			0	500	0.1	0		0
87D	6s	tusquitee	15-25			O	490	0.1	0		0
33C	6s	fluvanna v	7-15			0	420	0.1	0		0
9D	6s	braddock v	15-25			0	410	0.1	0		0
64B	6s	orange ver	2- 7			0	380	0.1	0		0
70D	6s	porters ve	15-25			0	280	0.1	0		0
9B	6s	braddock v	2- 7			0	270	0.1	0		0
90D	6s	unison ver	15-25			0	250	0.1	0		0
61D	6s	myersville	15-25			0	240	0.1	0		0
70C	6s	porters ve	7-15			0	210	0.0	0		0
60E	7e	myersville	25-60			0	16,060	3.5	0		0
4E	7e	ashe loam	25-45			0	14,080	3.0	0		0
51D	7e	manteo cha	15-25			0	10,410	2.2	0		0
59E	7e	myersville	25-45			0	5,740	1.2	0		0
39E	7e	hazel loam	25-45			0	4,530	1.0	0		0
40E	7e	hazel very	25-45			0	3,710	0.8	0		0
14E	6e	chester lo	25-45			0	2,950	0.6	0		0
13E	7e	catoctin v	25-45			0	2,860	0.6	0		0
51E	7e	manteo cha	25-45			0	2,700	0.6	0		0
73D	7e	rabun very	15-25			0	2,060	0.4	0		0
71E	7e	rabun clay	25-45			0	1,340	0.3	0		0
12E	7e	catoctin s	25-45			0	1,320	0.3	0		0
47D	7e	louisburg	15-25			0	1,170	0.3	0		0
58E	7e	myersville	25-45			0	880	0.2	0		0
34E	7e	glenelg lo	25-45			0	850	0.2	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
43E	7e	klinesvill	25-45			0	610	0.1	0		0
73C	7e	rabun very	7-15			0	540	0.1	0		0
29E	7e	fauquier s	25-45			0	470	0.1	0		0
36E	7e	hayesville	25-45			0	470	0.1	0		0
47E	7e	louisburg	25-45			0	470	0.1	0		0
93E	7e	watt chann	25-45			0	400	0.1	0		0
61E	7e	myersville	25-45			0	320	0.1	0		0
37E3	7e	hayesville	25-45			0	290	0.1	0		0
50E	7e	manor loam	25-45			0	270	0.1	0		0
72E3	7e	rabun clay	25-45			0	240	0.1	0		0
42D3	6e	hiwassee c	15-25	73	46	0	220	0.0	16,060	73	16,060
66E	7s	parker ver	25-45			0	12,580	2.7	0		0
15E	7s	chester ve	25-45			0	10,860	2.3	0		0
67E	7s	parker ext	25-60			0	6,100	1.3	0		0
11E	7s	cataska-ha	25-60			0	3,500	0.8	0		0
70E	7s	porters ve	25-45			0	1,800	0.4	0		0
38D	7s	hayesville	15-25			O	1,450	0.3	0		0
48E	7s	louisburg	25-45			0	1,330	0.3	0		0
73E	7s	rabun very	25-45			0	1,220	0.3	0		0
44D	7s	lew very s	15-25			0	1,120	0.2	0		0
44C	7s	lew very s	7-15			0	1,030	0.2	0		0
52E	7s	manteo ver	25-45			0	980	0.2	0		0
13D	7s	catoctin v	15-25			0	950	0.2	0		0
52D	7s	manteo ver	15-25			0	940	0.2	0		0
40D	7s	hazel very	15-25			0	910	0.2	0		0
38E	7s	hayesville	25-45			0	860	0.2	0		0
45C	7s	lew extrem	7-15			0	660	0.1	0		0
11D	7s	cataska-ha	15-25			0	610	0.1	0		0
13C	7s	catoctin v	7-15			0	550	0.1	0		0
67D	7s	parker ext	15-25			0	550	0.1	0		0
45D	7s	lew extrem	15-25			0	520	0.1	0		0
48D	7s	louisburg	15-25			0	300	0.1	0		0
						TOTAL	191,770	41.3	346,750		346,750

Weighted Average Yield = 1.81 Adjusted Weighted Average Yield = 1.81

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
91	8s	urban land	0-25			0	660	0.1	0		0
69	8s	pits	0- 4			0	250	0.1	0		0
W	0	water	0- 0			0	2,520	0.5	0		0
88	0	udorthents	2-25			0	1,550	0.3	0		0

Summary Grouping

group	lcc	important farmland	potential or productivity	%	cum'ltv %	acres	cum'ltv acres	relative value
1	1-3e	prime	41-100	21.2				100
	2e	state	-	0.0	21.2	98,480	98,480	100
2	2e-2w	state	41- 41	1.3				93
	2w	state	88-100	1.7	24.3	14,300	112,780	93
3	3e-3w	state	36- 88	11.7				90
	3e-3w	other	34- 83	2.1	38.0	63,750	176,530	90
4	3e	other	-	0.3				61
	4e	state	33- 75	7.5				61
	4e	other	0- 75	7.5				61
	4w-4s	state	-	0.3				61
	4w-4s	other	0- 53	1.3				61
	6e-7e	other	65- 71	2.7	57.7	91,320	267,850	61
5	6e-7s	other	0- 46	41.3	98.9	191,770	459,620	2

FPPA acres: 112,780 (43.8% of county)
Farmable acres: 361,140 (98.4% of county)
Grouped acres: 459,620
Total acres: 464,600

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/ .