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 : Hanover County, Virginia (VA085)

119 mapunits

Indicator crop : corn
Temperature Regime : thermic
C factor : 0.05
System irrigated? : no
Minimum Component : 15%

Sorted by Map Symbol

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
1	1B	abell fine sandy loam	2- 7	2e	140	88	1	7,020	2.3
2	2	altavista fine sandy loam	0- 2	2w	160	100	1	2,820	0.9
3	3B	appling fine sandy loam	2- 7	2e	100	63	1	5,300	1.7
4	3C2	appling fine sandy loam	7-15	4e	88	55	S	1,290	0.4
5	4B	appling gravelly sandy loam	2- 7	2s	90	56	1	260	0.1
6	4C	appling gravelly sandy loam	7-15	4s	79	49	1	320	0.1
7	5C	appling-ashlar complex	5-15	4e	67	42	S	670	0.2
8	6	aquults	0- 2	4w		0	2	1,540	0.5
9	7	atlee loam	0- 4	2e	120	75	1	1,400	0.5
10	8	augusta fine sandy loam	0- 2	3w	100	63	S	520	0.2
11	9	bolling variant gravelly sand	0- 2	3s	117	73	0	610	0.2
12	10B	bourne fine sandy loam	2- 7	2e	85	53	0	5,510	1.8
13	10C	bourne fine sandy loam	7-15	3e	75	47	0	370	0.1
14	11B	bourne-varina complex	2- 7	2e	101	63	0	1,500	0.5
15	11C	bourne-varina complex	7-15	3e	89	56	0	1,100	0.4
16	12B	caroline fine sandy loam	2- 7	2e	100	63	1	640	0.2
17	12D2	caroline fine sandy loam	15-25	6e	80	50	0	670	0.2
18	13B2	caroline-dogue complex	2- 7	2e	112	70	1	890	0.3
19	13C2	caroline-dogue complex	7-15	4e	100	63	S	3,830	1.3
20	14B2	cecil fine sandy loam	2- 7	2e	100	63	1	7,090	2.3
21	14C2	cecil fine sandy loam	7-15	4e	88	55	S	1,340	0.4
22	15B2	cecil-vance gravelly sandy lo	2- 7	2e	90	56	S	3,460	1.1
23	15C2	cecil-vance gravelly sandy lo	7-15	4e	80	50	S	2,040	0.7
24	15D2	cecil-vance gravelly sandy lo	15-25	6e	72	45	0	410	0.1
25	16	chewacla fine sandy loam	0- 2	4w	140	88	0	3,460	1.1
26	17B	colfax fine sandy loam	2- 7	3w	85	53	0	4,315	1.4
27	17C	colfax fine sandy loam	7-15	3e	75	47	0	445	0.1
28	18	coxville loam	0- 2	4w	65	41	0	5,520	1.8
29	19B	creedmoor fine sandy loam	2- 7	2e	65	41	S	600	0.2
30	20B	creedmoor variant fine sandy	2- 7	3w	65	41	S	350	0.1
31	21B2	cullen loam	2- 7	2e	130	81	1	2,220	0.7
32	21C2	cullen loam	7-15	3e	114	71	S	1,580	0.5
33	21D2	cullen loam	15-25	6e	104	65	0	450	0.1
34	22	dawhoo variant fine sandy loa	0- 2	6w	65	41	0	210	0.1
35	23	dogue loam	0- 2	2w	130	81	1	3,070	1.0
36	24	dunbar fine sandy loam	0- 2	2w	100	63	S	3,980	1.3
37	25A	duplin fine sandy loam	0- 2	2w	130	81	1	2,280	0.8
38	25B	duplin fine sandy loam	2- 7	2e	130	81	1	3,840	1.3
39	26B	edgehill variant very gravell	2- 7	3s	64	40	0	400	0.1

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
40	27B	fluvanna silt loam	2- 7	2e	100	63	1	1,170	0.4
41	27C2	fluvanna silt loam	7-15	3e	88	55	S	765	0.3
42	28	fluvaquents	0- 2	6w		0	0	18,440	6.1
43	29	forestdale loam	0- 2	4w	65	41	0	390	0.1
44	30	forestdale loam	0- 2	5w	65	41	0	1,690	0.6
45	31	fork fine sandy loam	0- 2	3w	100	63	S	480	0.2
46	32B	georgeville loam	2- 7	2e	100	63	1	280	0.1
47	32C2	georgeville loam	7-20	4e	88	55	0	190	0.1
48	33B	goldsboro fine sandy loam	0- 4	2e	130	81	1	760	0.3
49	34B	goldsboro fine sandy loam	0- 4	2e	130	81	1	2,220	0.7
50	35B	helena-colfax complex	2- 7	2e	74	46	S	6,740	2.2
51	36C	helena-orange complex	7-15	4e	57	36	S	860	0.3
52	37	hydraquents	0- 2	6w		0	0	990	0.3
53	38C	iredell-orange complex	7-15	6e	57	36	S	850	0.3
54	39B	kempsville gravelly fine sand	2- 7	2e	108	68	1	2,650	0.9
55	39C	kempsville gravelly fine sand	7-15	4e	95	59	0	640	0.2
56	40A	kempsville-bourne fine sandy	0- 2	1	108	67	1	490	0.2
57	40B	kempsville-bourne fine sandy	2- 7	2e	108	68	1	6,270	2.1
58	41	kenansville loamy sand	2- 7	2s	120	75	0	2,760	0.9
59	42	kenansville variant loamy san	0- 2	2w	120	75	0	350	0.1
60	43	lenoir loam	0- 2	3w	65	41	S	630	0.2
61	44B	masada fine sandy loam	2- 7	2e	130	81	1	730	0.2
62	45B	mayodan-creedmoor complex	2- 7	2e	84	52	S	1,395	0.5
63	46	myatt variant fine sandy loam	0- 2	5w	65	41	0	1,435	0.5
64	47A	norfolk fine sandy loam	0- 2	1	120	75	1	3,560	1.2
65	47B	norfolk fine sandy loam	2- 7	2e	120	75	1	11,670	3.9
66	48B	orange-iredell complex	2- 7	3e	65	41	S	1,840	0.6
67	49B	orangeburg fine sandy loam	2- 7	2e	120	75	1	2,300	0.8
68	50A	orangeburg-faceville fine san	0- 2	1	120	75	1	2,050	0.7
69	50B	orangeburg-faceville fine san	2- 7	2e	120	75	1	10,930	3.6
70	50C	orangeburg-faceville fine san	7-15	4e	106	66	1	400	0.1
71	51B2	pacolet fine sandy loam	2- 7	2e	100	63	1	4,330	1.4
72	51C2	pacolet fine sandy loam	7-15	3e	88	55	S	8,890	2.9
73	51D2	pacolet fine sandy loam	15-25	6e	80	50	0	2,320	0.8
74	52C3	pacolet clay loam	7-15	6e	62	39	0	540	0.2
75	53B	pacolet-cecil gravelly sandy	2- 7	2e	90	56	1	410	0.1
76	53C2	pacolet-cecil gravelly sandy	7-15	4e	90	56	S	400	0.1
77	54B	pamunkey loamy sand	2- 7	2e	160	100	1	1,510	0.5
78	55A	pamunkey fine sandy loam	0- 2	1	160	100	1	560	0.2
79	55B	pamunkey fine sandy loam	2- 7	2e	160	100	1	3,470	1.1
80	56	pamunkey fine sandy loam	0- 2	2w	160	100	1	630	0.2
81	57B	pamunkey variant gravelly san	0- 4	3s	144	90	0	1,215	0.4
82	58C	pinkston-mayodan sandy loams	7-15	4e	71	45	S	2,090	0.7
83	58D	pinkston-mayodan sandy loams	15-25	6e	64	40	0	1,840	0.6
84	58E	pinkston-mayodan sandy loams	25-45	7e		0	0	1,750	0.6
85	59	pits	0- 0	0		0	0	375	0.1
86	60	pits	0- 0	0		0	0	830	0.3
87	61	rains fine sandy loam	0- 2	3w	65	41	0	570	0.2
88	62B	spotsylvania-bourne fine sand	2- 7	2e	93	58	S	4,295	1.4
89	62C	spotsylvania-bourne fine sand	7-15	3e	82	51	S	1,990	0.7
90	63A	suffolk loamy fine sand	0- 2	1	110	69	1	1,295	0.4
91	63B	suffolk loamy fine sand	2- 7	2e	110	69	1	8,250	2.7
92	63C	suffolk loamy fine sand	7-15	4e	97	61	S	370	0.1
93	64B	tarboro loamy sand	2- 7	3s	65	41	0	1,080	0.4
94	65B	turbeville fine sandy loam	2- 7	2e	130	81	1	190	0.1
95	66C	udalfs-ochrepts complex	7-15	4e		0	S	1,230	0.4
96	66D	udalfs-ochrepts complex	15-25	6e		0	0	2,040	0.7
97	66F	udalfs-ochrepts complex	45-65	7e		0	0	2,415	0.8

line no.	**map symbl**	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
98	67	udifluvents	0- 2	2w		0	0	480	0.2
99	68	udorthents	0- 0	0		0	0	315	0.1
100	69C	udults	7-15	4e		0	S	2,430	0.8
101	69D	udults	15-25	6e		0	0	1,700	0.6
102	70B	udults-ochrepts complex	2- 7	2e		0	S	2,995	1.0
103	70C	udults-ochrepts complex	7-15	4e		0	S	7,850	2.6
104	70D	udults-ochrepts complex	15-25	6e		0	0	7,490	2.5
105	70E	udults-ochrepts complex	25-45	7e		0	0	7,420	2.4
106	70F	udults-ochrepts complex	45-65	7e		0	0	3,240	1.1
107	71B	vance fine sandy loam	2- 7	3e	100	63	S	5,665	1.9
108	71C2	vance fine sandy loam	7-15	4e	88	55	S	5,550	1.8
109	72B	varina-bourne complex	2- 7	2e	105	65	S	920	0.3
110	73	wahee loam	0- 2	2w	65	41	0	1,845	0.6
111	74B2	wedowee fine sandy loam	2- 7	2e	100	63	1	3,210	1.1
112	74C2	wedowee fine sandy loam	7-15	4e	100	63	S	8,840	2.9
113	74D2	wedowee fine sandy loam	15-30	6e	80	50	0	3,805	1.3
114	75C3	wedowee clay loam	7-15	6e	62	39	0	320	0.1
115	75D3	wedowee clay loam	15-25	7e	56	35	0	300	0.1
116	76D	wedowee-ashlar complex	15-25	6e	74	47	0	810	0.3
117	77	wehadkee loam	0- 2	6w	65	41	0	2,520	0.8
118	78	worsham fine sandy loam	0- 2	4w	85	53	0	5,320	1.8
119	W	water	0- 0	0		0	0	5,945	2.0
								303,100	

Sorted by Productivity Index (prd ind)

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
1	2	altavista fine sandy loam	0- 2	2w	160	100	1	2,820	0.9
2	54B	pamunkey loamy sand	2- 7	2e	160	100	1	1,510	0.5
3	55A	pamunkey fine sandy loam	0- 2	1	160	100	1	560	0.2
4	55B	pamunkey fine sandy loam	2- 7	2e	160	100	1	3,470	1.1
5	56	pamunkey fine sandy loam	0- 2	2w	160	100	1	630	0.2
6	57B	pamunkey variant gravelly san	0- 4	3s	144	90	0	1,215	0.4
7	1B	abell fine sandy loam	2- 7	2e	140	88	1	7,020	2.3
8	16	chewacla fine sandy loam	0- 2	4w	140	88	0	3,460	1.1
9	21B2	cullen loam	2- 7	2e	130	81	1	2,220	0.7
10	23	dogue loam	0- 2	2w	130	81	1	3,070	1.0
11	25A	duplin fine sandy loam	0- 2	2w	130	81	1	2,280	0.8
12	25B	duplin fine sandy loam	2- 7	2e	130	81	1	3,840	1.3
13	33B	goldsboro fine sandy loam	0- 4	2e	130	81	1	760	0.3
14	34B	goldsboro fine sandy loam	0- 4	2e	130	81	1	2,220	0.7
15	44B	masada fine sandy loam	2- 7	2e	130	81	1	730	0.2
16	65B	turbeville fine sandy loam	2- 7	2e	130	81	1	190	0.1
17	7	atlee loam	0- 4	2e	120	75	1	1,400	0.5
18	41	kenansville loamy sand	2- 7	2s	120	75	0	2,760	0.9
19	42	kenansville variant loamy san	0- 2	2w	120	75	0	350	0.1
20	47A	norfolk fine sandy loam	0- 2	1	120	75	1	3,560	1.2
21	47B	norfolk fine sandy loam	2- 7	2e	120	75	1	11,670	3.9
22	49B	orangeburg fine sandy loam	2- 7	2e	120	75	1	2,300	0.8
23	50A	orangeburg-faceville fine san	0- 2	1	120	75	1	2,050	0.7
24	50B	orangeburg-faceville fine san	2- 7	2e	120	75	1	10,930	3.6
25	9	bolling variant gravelly sand	0- 2	3s	117	73	0	610	0.2
26	21C2	cullen loam	7-15	3e	114	71	S	1,580	0.5
27	13B2	caroline-dogue complex	2- 7	2e	112	70	1	890	0.3
28	63A	suffolk loamy fine sand	0- 2	1	110	69	1	1,295	0.4
29	63B	suffolk loamy fine sand	2- 7	2e	110	69	1	8,250	2.7

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
30	40B	kempsville-bourne fine sandy	2- 7	2e	108	68	1	6,270	2.1
31	39B	kempsville gravelly fine sand	2- 7	2e	108	68	1	2,650	0.9
32	40A	kempsville-bourne fine sandy	0- 2	1	108	67	1	490	0.2
33	50C	orangeburg-faceville fine san	7-15	4e	106	66	1	400	0.1
34	72B	varina-bourne complex	2- 7	2e	105	65	S	920	0.3
35	21D2	cullen loam	15-25	6e	104	65	0	450	0.1
36	11B	bourne-varina complex	2- 7	2e	101	63	0	1,500	0.5
37	3B	appling fine sandy loam	2- 7	2e	100	63	1	5,300	1.7
38	8	augusta fine sandy loam	0- 2	3w	100	63	S	520	0.2
39	12B	caroline fine sandy loam	2- 7	2e	100	63	1	640	0.2
40	13C2	caroline-dogue complex	7-15	4e	100	63	S	3,830	1.3
41	14B2	cecil fine sandy loam	2- 7	2e	100	63	1	7,090	2.3
42	24	dunbar fine sandy loam	0- 2	2w	100	63	S	3,980	1.3
43	27B	fluvanna silt loam	2- 7	2e	100	63	1	1,170	0.4
44	31	fork fine sandy loam	0- 2	3w	100	63	S	480	0.2
45	32B	georgeville loam	2- 7	2e	100	63	1	280	0.1
46	51B2	pacolet fine sandy loam	2- 7	2e	100	63	1	4,330	1.4
47	71B	vance fine sandy loam	2- 7	3e	100	63	S	5,665	1.9
48	74B2	wedowee fine sandy loam	2- 7	2e	100	63	1	3,210	1.1
49	74C2	wedowee fine sandy loam	7-15	4e	100	63	S	8,840	2.9
50	63C	suffolk loamy fine sand	7-15	4e	97	61	S	370	0.1
51	39C	kempsville gravelly fine sand	7-15	4e	95	59	0	640	0.2
52	62B	spotsylvania-bourne fine sand	2- 7	2e	93	58	S	4,295	1.4
53	4B	appling gravelly sandy loam	2- 7	2s	90	56	1	260	0.1
54	15B2	cecil-vance gravelly sandy lo	2- 7	2e	90	56	S	3,460	1.1
55	53B	pacolet-cecil gravelly sandy	2- 7	2e	90	56	1	410	0.1
56	53C2	pacolet-cecil gravelly sandy	7-15	4e	90	56	S	400	0.1
57	11C	bourne-varina complex	7-15	3e	89	56	0	1,100	0.4
58	3C2	appling fine sandy loam	7-15	4e	88	55	S	1,290	0.4
59	14C2	cecil fine sandy loam	7-15	4e	88	55	S	1,340	0.4
60	27C2	fluvanna silt loam	7-15	3e	88	55	S	765	0.3
61	32C2	georgeville loam	7-20	4e	88	55	0	190	0.1
62	51C2	pacolet fine sandy loam	7-15	3e	88	55	S	8,890	2.9
63	71C2	vance fine sandy loam	7-15	4e	88	55	S	5,550	1.8
64	10B	bourne fine sandy loam	2- 7	2e	85	53	0	5,510	1.8
65	17B	colfax fine sandy loam	2- 7	3w	85	53	0	4,315	1.4
66	78	worsham fine sandy loam	0- 2	4w	85	53	0	5,320	1.8
67	45B	mayodan-creedmoor complex	2- 7	2e	84	52	S	1,395	0.5
68	62C	spotsylvania-bourne fine sand	7-15	3e	82	51	S	1,990	0.7
69	12D2	caroline fine sandy loam	15-25	6e	80	50	0	670	0.2
70	51D2	pacolet fine sandy loam	15-25	6e	80	50	0	2,320	0.8
71	74D2	wedowee fine sandy loam	15-30	6e	80	50	0	3,805	1.3
72	15C2	cecil-vance gravelly sandy lo	7-15	4e	80	50	S	2,040	0.7
73	4C	appling gravelly sandy loam	7-15	4s	79	49	1	320	0.1
74	10C	bourne fine sandy loam	7-15	3e	75	47	0	370	0.1
75	17C	colfax fine sandy loam	7-15	3e	75	47	0	445	0.1
76	76D	wedowee-ashlar complex	15-25	6e	74	47	0	810	0.3
77	35B	helena-colfax complex	2- 7	2e	74	46	S	6,740	2.2
78	15D2	cecil-vance gravelly sandy lo	15-25	6e	72	45	0	410	0.1
79	58C	pinkston-mayodan sandy loams	7-15	4e	71	45	S	2,090	0.7
80	5C	appling-ashlar complex	5-15	4e	67	42	S	670	0.2
81	18	coxville loam	0- 2	4w	65	41	0	5,520	1.8
82	19B	creedmoor fine sandy loam	2- 7	2e	65	41	S	600	0.2
83	20B	creedmoor variant fine sandy	2- 7	3w	65	41	S	350	0.1
84	22	dawhoo variant fine sandy loa	0- 2	6w	65	41	0	210	0.1
85	29	forestdale loam	0- 2	4w	65	41	0	390	0.1
86	30	forestdale loam	0- 2	5w	65	41	0	1,690	0.6
87	43	lenoir loam	0- 2	3w	65	41	S	630	0.2

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
88	46	myatt variant fine sandy loam	0- 2	5w	65	41	0	1,435	0.5
89	48B	orange-iredell complex	2- 7	3e	65	41	S	1,840	0.6
90	61	rains fine sandy loam	0- 2	3w	65	41	0	570	0.2
91	64B	tarboro loamy sand	2- 7	3s	65	41	0	1,080	0.4
92	73	wahee loam	0- 2	2w	65	41	0	1,845	0.6
93	77	wehadkee loam	0- 2	6w	65	41	0	2,520	0.8
94	26B	edgehill variant very gravell	2- 7	3s	64	40	0	400	0.1
95	58D	pinkston-mayodan sandy loams	15-25	6e	64	40	0	1,840	0.6
96	52C3	pacolet clay loam	7-15	6e	62	39	0	540	0.2
97	75C3	wedowee clay loam	7-15	6e	62	39	0	320	0.1
98	36C	helena-orange complex	7-15	4e	57	36	S	860	0.3
99	38C	iredell-orange complex	7-15	6e	57	36	S	850	0.3
100	75D3	wedowee clay loam	15-25	7e	56	35	0	300	0.1
101	6	aquults	0- 2	4w		0	2	1,540	0.5
102	28	fluvaquents	0- 2	6w		0	0	18,440	6.1
103	37	hydraquents	0- 2	6w		0	0	990	0.3
104	58E	pinkston-mayodan sandy loams	25-45	7e		0	0	1,750	0.6
105	59	pits	0- 0	0		0	0	375	0.1
106	60	pits	0- 0	0		0	0	830	0.3
107	66C	udalfs-ochrepts complex	7-15	4e		0	S	1,230	0.4
108	66D	udalfs-ochrepts complex	15-25	6e		0	0	2,040	0.7
109	66F	udalfs-ochrepts complex	45-65	7e		0	0	2,415	0.8
110	67	udifluvents	0- 2	2w		0	0	480	0.2
111	68	udorthents	0- 0	0		0	0	315	0.1
112	69C	udults	7-15	4e		0	S	2,430	0.8
113	69D	udults	15-25	6e		0	0	1,700	0.6
114	70B	udults-ochrepts complex	2- 7	2e		0	S	2,995	1.0
115	70C	udults-ochrepts complex	7-15	4e		0	S	7,850	2.6
116	70D	udults-ochrepts complex	15-25	6e		0	0	7,490	2.5
117	70E	udults-ochrepts complex	25-45	7e		0	0	7,420	2.4
118	70F	udults-ochrepts complex	45-65	7e		0	0	3,240	1.1
119	W	water	0- 0	0		0	0	5,945	2.0
								303,100	

Important Farmland Codes (if)

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 irrigated
5 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 : Hanover County, Virginia (VA085)

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
47A	1	norfolk fi	0- 2	120	75	1	3,560	1.2	427,200	120	427,200
50A	1	orangeburg	0- 2	120	75	1	2,050	0.7	246,000	120	246,000
63A	1	suffolk lo	0- 2	110	69	1	1,295	0.4	142,450	110	142,450
55A	1	pamunkey f	0- 2	160	100	1	560	0.2	89,600	160	89,600
40A	1	kempsville	0- 2	108	67	1	490	0.2	52,747	108	52,747
						TOTAL	7,955	2.6	957,997		957,997

Weighted Average Yield = 120.43 Adjusted Weighted Average Yield = 120.43

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
47B	2e	norfolk fi	2- 7	120	75	1	11,670	3.9	1,400,400	120	1,400,400
50B	2e	orangeburg	2- 7	120	75	1	10,930	3.6	1,311,600	120	1,311,600
63B	2e	suffolk lo	2- 7	110	69	1	8,250	2.7	907,500	110	907,500
14B2	2e	cecil fine	2- 7	100	63	1	7,090	2.3	709,000	100	709,000
1B	2e	abell fine	2- 7	140	88	1	7,020	2.3	982,800	140	982,800
40B	2e	kempsville	2- 7	108	68	1	6,270	2.1	679,250	108	679,250
3B	2e	appling fi	2- 7	100	63	1	5,300	1.7	530,000	100	530,000
51B2	2e	pacolet fi	2- 7	100	63	1	4,330	1.4	433,000	100	433,000
25B	2e	duplin fin	2- 7	130	81	1	3,840	1.3	499,200	130	499,200
55B	2e	pamunkey f	2- 7	160	100	1	3,470	1.1	555,200	160	555,200
74B2	2e	wedowee fi	2- 7	100	63	1	3,210	1.1	321,000	100	321,000
39B	2e	kempsville	2- 7	108	68	1	2,650	0.9	286,200	108	286,200
49B	2e	orangeburg	2- 7	120	75	1	2,300	0.8	276,000	120	276,000
21B2	2e	cullen loa	2- 7	130	81	1	2,220	0.7	288,600	130	288,600
34B	2e	goldsboro	0- 4	130	81	1	2,220	0.7	288,600	130	288,600
54B	2e	pamunkey l	2- 7	160	100	1	1,510	0.5	241,600	160	241,600
7	2e	atlee loam	0- 4	120	75	1	1,400	0.5	168,000	120	168,000
27B	2e	fluvanna s	2- 7	100	63	1	1,170	0.4	117,000	100	117,000
13B2	2e	caroline-d	2- 7	112	70	1	890	0.3	99,269	112	99,269
33B	2e	goldsboro	0- 4	130	81	1	760	0.3	98,800	130	98,800
44B	2e	masada fin	2- 7	130	81	1	730	0.2	94,900	130	94,900
12B	2e	caroline f	2- 7	100	63	1	640	0.2	64,000	100	64,000
53B	2e	pacolet-ce	2- 7	90	56	1	410	0.1	36,900	90	36,900
32B	2e	georgevill	2- 7	100	63	1	280	0.1	28,000	100	28,000
65B	2e	turbeville	2- 7	130	81	1	190	0.1	24,700	130	24,700
4B	2s	appling gr	2- 7	90	56	1	260	0.1	23,400	90	23,400
23	2w	dogue loam	0- 2	130	81	1	3,070	1.0	399,100	130	399,100
2	2w	altavista	0- 2	160	100	1	2,820	0.9	451,200	160	451,200
25A	2w	duplin fin	0- 2	130	81	1	2,280	0.8	296,400	130	296,400
56	2w	pamunkey f	0- 2	160	100	1	630	0.2	100,800	160	100,800
						TOTAL	97,810	32.3	11,712,419		11,712,419

Weighted Average Yield = 119.75 Adjusted Weighted Average Yield = 119.75

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
35B	2e	helena-col	2- 7	74	46	S	6,740	2.2	501,007	74	501,007
62B	2e	spotsylvan	2- 7	93	58	S	4,295	1.4	399,765	93	399,765
15B2	2e	cecil-vanc	2- 7	90	56	S	3,460	1.1	311,400	90	311,400
70B	2e	udults-och	2- 7			S	2,995	1.0	0		0
45B	2e	mayodan-cr	2- 7	84	52	S	1,395	0.5	116,965	84	116,965
72B	2e	varina-bou	2- 7	105	65	S	920	0.3	96,312	105	96,312
19B	2e	creedmoor	2- 7	65	41	S	600	0.2	39,000	65	39,000
24	2w	dunbar fin	0- 2	100	63	S	3,980	1.3	398,000	100	398,000
51C2	3e	pacolet fi	7-15	88	55	S	8,890	2.9	782,320	88	782,320
71B	3e	vance fine	2- 7	100	63	S	5,665	1.9	566,500	100	566,500
62C	3e	spotsylvan	7-15	82	51	S	1,990	0.7	162,262	82	162,262
48B	3e	orange-ire	2- 7	65	41	S	1,840	0.6	119,600	65	119,600
21C2	3e	cullen loa	7-15	114	71	S	1,580	0.5	180,120	114	180,120
27C2	3e	fluvanna s	7-15	88	55	S	765	0.3	67,320	88	67,320
43	3w	lenoir loa	0- 2	65	41	S	630	0.2	40,950	65	40,950
8	3w	augusta fi	0- 2	100	63	S	520	0.2	52,000	100	52,000
31	3w	fork fine	0- 2	100	63	S	480	0.2	48,000	100	48,000
20B	3w	creedmoor	2- 7	65	41	S	350	0.1	22,750	65	22,750
						TOTAL	47,095	15.5	3,904,271		3,904,271

Weighted Average Yield = 82.90 Adjusted Weighted Average Yield = 82.90

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
10B	2e	bourne fin	2- 7	85	53	0	5,510	1.8	468,350	85	468,350
11B	2e	bourne-var	2- 7	101	63	0	1,500	0.5	152,000	101	152,000
41	2s	kenansvill	2- 7	120	75	0	2,760	0.9	331,200	120	331,200
73	2w	wahee loam	0- 2	65	41	0	1,845	0.6	119,925	65	119,925
67	2w	udifluvent	0- 2			0	480	0.2	0		0
42	2w	kenansvill	0- 2	120	75	0	350	0.1	42,000	120	42,000
11C	3e	bourne-var	7-15	89	56	0	1,100	0.4	98,413	89	98,413
17C	3e	colfax fin	7-15	75	47	0	445	0.1	33,375	75	33,375
10C	3e	bourne fin	7-15	75	47	0	370	0.1	27,750	75	27,750
57B	3s	pamunkey v	0- 4	144	90	0	1,215	0.4	174,960	144	174,960
64B	3s	tarboro lo	2- 7	65	41	0	1,080	0.4	70,200	65	70,200
9	3s	bolling va	0- 2	117	73	0	610	0.2	71,370	117	71,370
26B	3s	edgehill v	2- 7	64	40	0	400	0.1	25,600	64	25,600
17B	3w	colfax fin	2- 7	85	53	0	4,315	1.4	366,775	85	366,775
61	3w	rains fine	0- 2	65	41	0	570	0.2	37,050	65	37,050
						TOTAL	22,550	7.4	2,018,968		2,018,968

Weighted Average Yield = 89.53 Adjusted Weighted Average Yield = 89.53

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
39C	4e	kempsville	7-15	95	59	0	640	0.2	60,800	95	60,800
32C2	4e	georgevill	7-20	88	55	0	190	0.1	16,720	88	16,720
50C	4e	orangeburg	7-15	106	66	1	400	0.1	42,400	106	42,400
4C	4s	appling gr	7-15	79	49	1	320	0.1	25,280	79	25,280
74C2	4e	wedowee fi	7-15	100	63	S	8,840	2.9	884,000	100	884,000
70C	4e	udults-och	7-15			S	7,850	2.6	0		0
71C2	4e	vance fine	7-15	88	55	S	5,550	1.8	488,400	88	488,400
13C2	4e	caroline-d	7-15	100	63	S	3,830	1.3	383,000	100	383,000
69C	4e	udults	7-15			S	2,430	0.8	0		0
58C	4e	pinkston-m	7-15	71	45	S	2,090	0.7	149,033	71	149,033
15C2	4e	cecil-vanc	7-15	80	50	S	2,040	0.7	162,258	80	162,258
14C2	4e	cecil fine	7-15	88	55	S	1,340	0.4	117,920	88	117,920
3C2	4e	appling fi	7-15	88	55	S	1,290	0.4	113,520	88	113,520
66C	4e	udalfs-och	7-15			S	1,230	0.4	0		0
36C	4e	helena-ora	7-15	57	36	S	860	0.3	49,020	57	49,020
5C	4e	appling-as	5-15	67	42	S	670	0.2	44,639	67	44,639
53C2	4e	pacolet-ce	7-15	90	56	S	400	0.1	36,000	90	36,000
63C	4e	suffolk lo	7-15	97	61	S	370	0.1	35,890	97	35,890
38C	6e	iredell-or	7-15	57	36	S	850	0.3	48,450	57	48,450
						TOTAL	41,190	13.6	2,657,330		2,657,330

Weighted Average Yield = 64.51 Adjusted Weighted Average Yield = 64.51

Group Number 6

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	acres pct	yield x acres	adj yld	adjust product
6	4w	aquults	0- 2			2	1,540	0.5	0		0
18	4w	coxville l	0- 2	65	41	0	5,520	1.8	358,800	65	358,800
78	4w	worsham fi	0- 2	85	53	0	5,320	1.8	452,200	85	452,200
16	4w	chewacla f	0- 2	140	88	0	3,460	1.1	484,400	140	484,400
29	4w	forestdale	0- 2	65	41	0	390	0.1	25,350	65	25,350
30	5w	forestdale	0- 2	65	41	0	1,690	0.6	109,850	65	109,850
46	5w	myatt vari	0- 2	65	41	0	1,435	0.5	93,275	65	93,275
28	6w	fluvaquent	0- 2			0	18,440	6.1	0		0
77	6w	wehadkee l	0- 2	65	41	0	2,520	0.8	163,800	65	163,800
37	6w	hydraquent	0- 2			0	990	0.3	0		0
22	6w	dawhoo var	0- 2	65	41	0	210	0.1	13,650	65	13,650
						TOTAL	41,515	13.7	1,701,325		1,701,325

Weighted Average Yield = 40.98 Adjusted Weighted Average Yield = 40.98

Group Number 7

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
70D	6e	udults-och	15-25			0	7,490	2.5	0		0
74D2	6e	wedowee fi	15-30	80	50	0	3,805	1.3	304,400	80	304,400
51D2	6e	pacolet fi	15-25	80	50	0	2,320	0.8	185,600	80	185,600
66D	6e	udalfs-och	15-25			0	2,040	0.7	0		0
58D	6e	pinkston-m	15-25	64	40	0	1,840	0.6	116,894	64	116,894
69D	6e	udults	15-25			0	1,700	0.6	0		0
76D	6e	wedowee-as	15-25	74	47	0	810	0.3	60,314	74	60,314
12D2	6e	caroline f	15-25	80	50	0	670	0.2	53,600	80	53,600
52C3	6e	pacolet cl	7-15	62	39	0	540	0.2	33,480	62	33,480
21D2	6e	cullen loa	15-25	104	65	0	450	0.1	46,800	104	46,800
15D2	6e	cecil-vanc	15-25	72	45	0	410	0.1	29,520	72	29,520
75C3	6e	wedowee cl	7-15	62	39	0	320	0.1	19,840	62	19,840
70E	7e	udults-och	25-45			0	7,420	2.4	0		0
70F	7e	udults-och	45-65			0	3,240	1.1	0		0
66F	7e	udalfs-och	45-65			0	2,415	0.8	0		0
58E	7e	pinkston-m	25-45			0	1,750	0.6	0		0
75D3	7e	wedowee cl	15-25	56	35	0	300	0.1	16,800	56	16,800
						TOTAL	37,520	12.4	867,248		867,248

Weighted Average Yield = 23.11 Adjusted Weighted Average Yield = 23.11

UNGROUPED Data

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
W	0	water	0- 0			0	5,945	2.0	0		0
60	0	pits	0- 0			0	830	0.3	0		0
59	0	pits	0- 0			0	375	0.1	0		0
68	0	udorthents	0- 0			0	315	0.1	0		0

Worksheet 2 Summary

group	lcc	important farmland	potential or productivity	%	cum'ltv %	acres	cum'ltv acres	relative value
1	1	prime	67-100	2.6	2.6	7,955	7,955	100
2	2e-2s	prime	56-100	32.3	34.9	97,810	105,765	99
3	2e-2w	state	0- 65	8.0				69
	3e-3s	state	41- 71	7.5	50.4	47,095	152,860	69
4	2e-3s	other	0- 90	7.4	57.9	22,550	175,410	74
5	4e	other	55- 59	0.3				54
	4e-4s	prime	49- 66	0.2				54
	4e-6e	state	0- 63	13.1	71.5	41,190	216,600	54
6	4w	prime	-	0.5				34
	4w	other	41- 88	4.8				34
	5w	other	41- 41	1.0				34
	6w	other	0- 41	7.3	85.2	41,515	258,115	34
7	6e	other	0- 65	7.4				19
	7e	other	0- 35	5.0	97.5	37,520	295,635	19

FPPA acres: 194,050 (64.3% of county)
Farmable acres: 295,635 (97.0% of county)
Grouped acres: 295,635
Total acres: 303,100

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.