LESA Worksheet #1

Survey Area : Bath County, Virginia (VA017)

102 mapunits

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.

Indicator Crop : Pasture
Temperature Regime : Mesic

line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
1	1A	alonzville loam	0- 3	1	10.00	83	1	1,171	0.3
2	2B	alonzville cobbly loam	3- 8	3s	8.50	71	S	656	0.2
3	3C	alticrest-dekalb complex	8-15	7s		0	0	517	0.2
4	4A	atkins silt loam	0- 3	4w	7.00	58	0	618	0.2
5	5D	berks channery silt loam	15-35	6e	3.00	25	0	552	0.2
6	5E	berks channery silt loam	35-55	7e		0	0	3,169	0.9
7	6B	berks-weikert complex	3- 8	2e	4.72	39	0	5	0.0
8	6C	berks-weikert complex	8-15	3e	2.65	22	0	981	0.3
9	7C	berks-weikert complex	8-15	6s	2.06	17	0	210	0.1
10	7D	berks-weikert complex	15-35	7s		0	0	1,199	0.3
11	8B	blairton-wharton complex	3- 8	2e	6.88	57	S	255	0.1
12	9C	caneyville silt loam	8-15	6s	7.00	58	S	93	0.0
13	9D	caneyville silt loam	15-35	6e	6.00	50	0	1,130	0.3
14	9E	caneyville silt loam	35-55	7e		0	0	1,677	0.5
15	10B	cottonbend silt loam	3- 8	2e	10.00	83	1	1,938	0.6
16	11A	coursey silt loam	0- 3	2w	8.00	67	1	2,572	0.7
17	12D	dekalb-alticrest complex	15-35	7s		0	0	2,570	0.7
18	12E	dekalb-alticrest complex	35-55	7e		0	0	5,270	1.5
19	13D	dekalb-lily-mcclung complex	15-35	7s		0	0	7,258	2.1
20	14E	dekalb-lily complex	35-55	7e		0	0	4,251	1.2
21	15D	dekalb-rock outcrop complex	15-35	7s		0	0	817	0.2
22	15E	dekalb-rock outcrop complex	35-80	7s		0	0	7,228	2.1
23	16E	dekalb-watahala-mcclung compl	35-55	7e		0	0	18,564	5.4
24	17A	derroc very cobbly loam	0- 3	4s	3.50	29	0	1,644	0.5
25	18B	escatawba loam	3- 8	6s	6.00	50	S	2,375	0.7
26	18C	escatawba loam	8-15	6s	5.00	42	S	6,292	1.8
27	18D	escatawba loam	15-35	7s		0	0	2,162	0.6
28	19B	escatawba silt loam	3- 8	2e	9.00	75	1	1,234	0.4
29	19C	escatawba silt loam	8-15	3e	8.00	67	S	1,424	0.4
30	20C	faywood-poplimento complex	8-15	3e	7.44	62	0	57	0.0
31	20D	faywood-poplimento complex	15-35	6e	6.44	54	0	1,235	0.4
32	20E	faywood-poplimento complex	35-55	7e		0	0	1,076	0.3
33	21A	feedstone silt loam	0- 3	2w	12.00	100	1	779	0.2
34	22C	frederick silt loam	8-15	3e	8.00	67	S	34	0.0
35	22D	frederick silt loam	15-25	4e	7.50	63	S	140	0.0
36	23C	frederick-watahala complex	8-15	3e	7.11	59	S	330	0.1
37	23D	frederick-watahala complex	15-35	6e	6.61	55	0	838	0.2
38	24B	gilpin silt loam	3- 8	2e	8.00	67	1	1,245	0.4
39	24C	gilpin silt loam	8-15	3e	7.50	63	S	2,455	0.7
40	24D	gilpin silt loam	15-25	4e	6.50	54	S	1,807	0.5
41	25A	gladehill loam	0- 3	3w	10.50	88	S	1,108	0.3

line no.	**map symbl**	soil name	slope	lc	nirr yield	prd ind	i f	acres number	acres pct
42	26A	irongate fine sandy loam	0- 3	2w	11.00	92	1	753	0.2
43	27C	lehew-berks complex	8-15	6s	2.47	21	0	1,599	0.5
44	27D	lehew-berks complex	15-35	7s	0	0	0	5,057	1.5
45	27E	lehew-berks complex	35-55	7e	0	0	0	13,306	3.9
46	28F	lehew-berks-rock outcrop comp	55-80	7s	0	0	0	7,157	2.1
47	29C	lily sandy loam	8-15	3e	6.50	54	0	115	0.0
48	30D	lily sandy loam	15-35	7s	0	0	0	84	0.0
49	31C	lily-mcclung-dekalb complex	8-15	3e	5.61	47	0	4,795	1.4
50	32C	macove channery silt loam	3-15	6s	6.00	50	0	2,591	0.8
51	32D	macove channery silt loam	15-35	7s	0	0	0	562	0.2
52	33E	macove extremely stony loam	35-60	7e	0	0	0	137	0.0
53	34D	macove-berks complex	15-35	7s	0	0	0	855	0.2
54	34E	macove-berks complex	35-60	7e	0	0	0	1,917	0.6
55	35C	mandy channery silt loam	8-15	6s	4.00	33	0	53	0.0
56	35D	mandy channery silt loam	15-35	7s	0	0	0	50	0.0
57	35E	mandy channery silt loam	35-55	7e	0	0	0	80	0.0
58	36A	maurertown silty clay loam	0- 3	4w	4.00	33	0	567	0.2
59	37B	mcclung-lily complex	3- 8	2e	7.84	65	S	751	0.2
60	38C	mcclung-watahala-dekalb compl	8-15	3e	5.94	50	S	2,525	0.7
61	38D	mcclung-watahala-dekalb compl	15-35	7s	3.25	27	0	10,564	3.1
62	39B	murrill loam	3- 8	2e	9.00	75	1	137	0.0
63	39C	murrill loam	8-15	3e	8.00	67	S	2,019	0.6
64	39D	murrill loam	15-25	4e	6.50	54	S	879	0.3
65	40C	murrill cobbly loam	8-15	6s	7.00	58	S	850	0.2
66	40D	murrill cobbly loam	15-35	7s	0	0	0	4,225	1.2
67	40E	murrill cobbly loam	35-55	7e	0	0	0	260	0.1
68	41B	nicelytown silt loam	3- 8	2e	8.00	67	1	2,544	0.7
69	42A	ogles very cobbly loam	0- 3	4s	3.00	25	0	2,529	0.7
70	43B	oriskany cobbly sandy loam	3- 8	6s	6.00	50	0	1,346	0.4
71	44C	oriskany cobbly sandy loam	8-15	7s	0	0	0	6,167	1.8
72	44D	oriskany cobbly sandy loam	15-35	7s	0	0	0	11,699	3.4
73	44E	oriskany cobbly sandy loam	35-55	7e	0	0	0	9,505	2.8
74	45E	oriskany extremely bouldery s	25-55	7e	0	0	0	4,759	1.4
75	46C	oriskany-murrill complex	8-15	6s	6.39	53	0	1,688	0.5
76	46D	oriskany-murrill complex	15-35	7s	0	0	0	8,978	2.6
77	47E	oriskany-murrill complex	35-55	7e	0	0	0	6,966	2.0
78	48C	paddyknob-madsheep complex	8-15	6s	4.00	33	0	288	0.1
79	48D	paddyknob-madsheep complex	15-35	7s	0	0	0	899	0.3
80	48E	paddyknob-madsheep complex	35-55	7e	0	0	0	581	0.2
81	49A	purdy silty clay loam	0- 3	4w	6.50	54	0	946	0.3
82	50C	shelocta-berks complex	8-15	3e	7.50	63	S	2,787	0.8
83	50D	shelocta-berks complex	15-35	6e	5.75	48	0	8,380	2.4
84	50E	shelocta-berks complex	35-55	7e	0	0	0	8,713	2.5
85	51B	sugarhol silt loam	3- 8	2e	10.00	83	1	1,048	0.3
86	51C	sugarhol silt loam	8-15	3e	9.00	75	S	455	0.1
87	52	udorthents	0-55	0	0	0	0	30	0.0
88	53	udorthents	3-35	0	0	0	0	331	0.1
89	54	udorthents-rock outcrop compl	15-10	8s	0	0	0	770	0.2
90	55E	watahala-frederick complex	35-55	7e	0	0	0	806	0.2
91	56E	weikert-berks complex	35-55	7e	0	0	0	2,827	0.8
92	57D	weikert-berks-rough complex	15-35	6e	2.24	19	0	11,678	3.4
93	57E	weikert-berks-rough complex	35-55	7e	0	0	0	40,802	11.9
94	58F	weikert-berks-rough complex	55-80	7e	0	0	0	12,526	3.6
95	59F	weikert-rock outcrop-rough co	55-10	7s	0	0	0	1,507	0.4

line no.	**map symbl**	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
96	60F	weikert-rough complex	55-80	7e	0	0		30,525	8.9
97	61C	wharton-blairton complex	8-15	3e	7.08	59	S	524	0.2
98	61D	wharton-blairton complex	15-35	6e	6.08	51	0	486	0.1
99	62A	wolfgap loam	0- 3	1	12.00	100	1	1,468	0.4
100	63A	wolfgap loam	0- 3	1	12.00	100	1	757	0.2
101	64B	zoar silt loam	3- 8	2e	8.00	67	S	4,169	1.2
102	W	water	0- 0	0	0	0		3,792	1.1
								344,100	

Sorted by Productivity Index (prd ind)

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
1	62A	wolfgap loam	0- 3	1	12.00	100	1	1,468	0.4
2	63A	wolfgap loam	0- 3	1	12.00	100	1	757	0.2
3	21A	feedstone silt loam	0- 3	2w	12.00	100	1	779	0.2
4	26A	irongate fine sandy loam	0- 3	2w	11.00	92	1	753	0.2
5	25A	gladehill loam	0- 3	3w	10.50	88	0	1,108	0.3
6	1A	alonzville loam	0- 3	1	10.00	83	1	1,171	0.3
7	10B	cottonbend silt loam	3- 8	2e	10.00	83	1	1,938	0.6
8	51B	sugarhol silt loam	3- 8	2e	10.00	83	1	1,048	0.3
9	19B	escatawba silt loam	3- 8	2e	9.00	75	1	1,234	0.4
10	39B	murrill loam	3- 8	2e	9.00	75	1	137	0.0
11	51C	sugarhol silt loam	8-15	3e	9.00	75	S	455	0.1
12	2B	alonzville cobbly loam	3- 8	3s	8.50	71	S	656	0.2
13	64B	zoar silt loam	3- 8	2e	8.00	67	S	4,169	1.2
14	41B	nicelytown silt loam	3- 8	2e	8.00	67	1	2,544	0.7
15	24B	gilpin silt loam	3- 8	2e	8.00	67	1	1,245	0.4
16	11A	coursey silt loam	0- 3	2w	8.00	67	1	2,572	0.7
17	39C	murrill loam	8-15	3e	8.00	67	S	2,019	0.6
18	19C	escatawba silt loam	8-15	3e	8.00	67	S	1,424	0.4
19	22C	frederick silt loam	8-15	3e	8.00	67	S	34	0.0
20	37B	mcclung-lily complex	3- 8	2e	7.84	65	S	751	0.2
21	50C	shelocta-berks complex	8-15	3e	7.50	63	S	2,787	0.8
22	24C	gilpin silt loam	8-15	3e	7.50	63	S	2,455	0.7
23	22D	frederick silt loam	15-25	4e	7.50	63	S	140	0.0
24	20C	faywood-poplimento complex	8-15	3e	7.44	62	0	57	0.0
25	23C	frederick-watahala complex	8-15	3e	7.11	59	S	330	0.1
26	61C	wharton-blairton complex	8-15	3e	7.08	59	S	524	0.2
27	4A	atkins silt loam	0- 3	4w	7.00	58	0	618	0.2
28	40C	murrill cobbly loam	8-15	6s	7.00	58	S	850	0.2
29	9C	caneyville silt loam	8-15	6s	7.00	58	S	93	0.0
30	8B	blairton-wharton complex	3- 8	2e	6.88	57	S	255	0.1
31	23D	frederick-watahala complex	15-35	6e	6.61	55	0	838	0.2
32	29C	lily sandy loam	8-15	3e	6.50	54	0	115	0.0
33	24D	gilpin silt loam	15-25	4e	6.50	54	S	1,807	0.5
34	39D	murrill loam	15-25	4e	6.50	54	S	879	0.3
35	49A	purdy silty clay loam	0- 3	4w	6.50	54	0	946	0.3
36	20D	faywood-poplimento complex	15-35	6e	6.44	54	0	1,235	0.4
37	46C	oriskany-murrill complex	8-15	6s	6.39	53	0	1,688	0.5

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
38	61D	wharton-blairton complex	15-35	6e	6.08	51	0	486	0.1
39	9D	caneyville silt loam	15-35	6e	6.00	50	0	1,130	0.3
40	32C	macove channery silt loam	3-15	6s	6.00	50	0	2,591	0.8
41	18B	escatawba loam	3- 8	6s	6.00	50	S	2,375	0.7
42	43B	oriskany cobbly sandy loam	3- 8	6s	6.00	50	0	1,346	0.4
43	38C	mcclung-watahala-dekalb compl	8-15	3e	5.94	50	S	2,525	0.7
44	50D	shelocta-berks complex	15-35	6e	5.75	48	0	8,380	2.4
45	31C	lily-mcclung-dekalb complex	8-15	3e	5.61	47	0	4,795	1.4
46	18C	escatawba loam	8-15	6s	5.00	42	S	6,292	1.8
47	6B	berks-weikert complex	3- 8	2e	4.72	39	0	5	0.0
48	36A	maurertown silty clay loam	0- 3	4w	4.00	33	0	567	0.2
49	48C	paddyknob-madsheep complex	8-15	6s	4.00	33	0	288	0.1
50	35C	mandy channery silt loam	8-15	6s	4.00	33	0	53	0.0
51	17A	derroc very cobbly loam	0- 3	4s	3.50	29	0	1,644	0.5
52	38D	mcclung-watahala-dekalb compl	15-35	7s	3.25	27	0	10,564	3.1
53	42A	ogles very cobbly loam	0- 3	4s	3.00	25	0	2,529	0.7
54	5D	berks channery silt loam	15-35	6e	3.00	25	0	552	0.2
55	6C	berks-weikert complex	8-15	3e	2.65	22	0	981	0.3
56	27C	lehew-berks complex	8-15	6s	2.47	21	0	1,599	0.5
57	7C	berks-weikert complex	8-15	6s	2.06	17	0	210	0.1
58	57D	weikert-berks-rough complex	15-35	6e	1.96	16	0	11,678	3.4
59	57E	weikert-berks-rough complex	35-55	7e		0	0	40,802	11.9
60	60F	weikert-rough complex	55-80	7e		0	0	30,525	8.9
61	16E	dekalb-watahala-mcclung compl	35-55	7e		0	0	18,564	5.4
62	27E	lehew-berks complex	35-55	7e		0	0	13,306	3.9
63	58F	weikert-berks-rough complex	55-80	7e		0	0	12,526	3.6
64	44E	oriskany cobbly sandy loam	35-55	7e		0	0	9,505	2.8
65	50E	shelocta-berks complex	35-55	7e		0	0	8,713	2.5
66	47E	oriskany-murrill complex	35-55	7e		0	0	6,966	2.0
67	12E	dekalb-alticrest complex	35-55	7e		0	0	5,270	1.5
68	45E	oriskany extremely bouldery s	25-55	7e		0	0	4,759	1.4
69	14E	dekalb-lily complex	35-55	7e		0	0	4,251	1.2
70	5E	berks channery silt loam	35-55	7e		0	0	3,169	0.9
71	56E	weikert-berks complex	35-55	7e		0	0	2,827	0.8
72	34E	macove-berks complex	35-60	7e		0	0	1,917	0.6
73	9E	caneyville silt loam	35-55	7e		0	0	1,677	0.5
74	20E	faywood-poplimento complex	35-55	7e		0	0	1,076	0.3
75	55E	watahala-frederick complex	35-55	7e		0	0	806	0.2
76	48E	paddyknob-madsheep complex	35-55	7e		0	0	581	0.2
77	40E	murrill cobbly loam	35-55	7e		0	0	260	0.1
78	33E	macove extremely stony loam	35-60	7e		0	0	137	0.0
79	35E	mandy channery silt loam	35-55	7e		0	0	80	0.0
80	44D	oriskany cobbly sandy loam	15-35	7s		0	0	11,699	3.4
81	46D	oriskany-murrill complex	15-35	7s		0	0	8,978	2.6
82	13D	dekalb-lily-mcclung complex	15-35	7s		0	0	7,258	2.1
83	15E	dekalb-rock outcrop complex	35-80	7s		0	0	7,228	2.1
84	28F	lehew-berks-rock outcrop comp	55-80	7s		0	0	7,157	2.1
85	44C	oriskany cobbly sandy loam	8-15	7s		0	0	6,167	1.8
86	27D	lehew-berks complex	15-35	7s		0	0	5,057	1.5
87	40D	murrill cobbly loam	15-35	7s		0	0	4,225	1.2
88	12D	dekalb-alticrest complex	15-35	7s		0	0	2,570	0.7
89	18D	escatawba loam	15-35	7s		0	0	2,162	0.6
90	59F	weikert-rock outcrop-rough co	55-10	7s		0	0	1,507	0.4
91	7D	berks-weikert complex	15-35	7s		0	0	1,199	0.3

line no.	map symbl	soil name	slope	lc	nirr yield	**prd ind**	i f	acres number	pct
92	48D	paddyknob-madsheep complex	15-35	7s		0	0	899	0.3
93	34D	macove-berks complex	15-35	7s		0	0	855	0.2
94	15D	dekalb-rock outcrop complex	15-35	7s		0	0	817	0.2
95	32D	macove channery silt loam	15-35	7s		0	0	562	0.2
96	3C	alticrest-dekalb complex	8-15	7s		0	0	517	0.2
97	30D	lily sandy loam	15-35	7s		0	0	84	0.0
98	35D	mandy channery silt loam	15-35	7s		0	0	50	0.0
99	54	udorthents-rock outcrop compl	15-10	8s		0	0	770	0.2
100	W	water	0- 0	0		0	0	3,792	1.1
101	53	udorthents	3-35	0		0	0	331	0.1
102	52	udorthents	0-55	0		0	0	30	0.0
								344,100	

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: Bath County, Virginia (VA017)

Group Number 1

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
62A	1	wolfgap lo	0- 3	12	100	1	1,468	0.4	17,616	12	17,616
63A	1	wolfgap lo	0- 3	12	100	1	757	0.2	9,084	12	9,084
21A	2w	feedstone	0- 3	12	100	1	779	0.2	9,348	12	9,348
26A	2w	irongate f	0- 3	11	92	1	753	0.2	8,283	11	8,283
					TOTAL		3,757	1.1	44,331		44,331

Weighted Average Yield = 11.80 Adjusted Weighted Average Yield = 11.80

Group Number 2

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
1A	1	alonzville	0- 3	10	83	1	1,171	0.3	11,710	10	11,710
10B	2e	cottonbend	3- 8	10	83	1	1,938	0.6	19,380	10	19,380
51B	2e	sugarhol s	3- 8	10	83	1	1,048	0.3	10,480	10	10,480
19B	2e	escatawba	3- 8	9	75	1	1,234	0.4	11,106	9	11,106
39B	2e	murrill lo	3- 8	9	75	1	137	0.0	1,233	9	1,233
41B	2e	nicelytown	3- 8	8	67	1	2,544	0.7	20,352	8	20,352
24B	2e	gilpin sil	3- 8	8	67	1	1,245	0.4	9,960	8	9,960
11A	2w	coursey si	0- 3	8	67	1	2,572	0.7	20,576	8	20,576
					TOTAL		11,889	3.5	104,797		104,797

Weighted Average Yield = 8.81 Adjusted Weighted Average Yield = 8.81

Group Number 3

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
25A	3w	gladehill	0- 3	11	88	S	1,108	0.3	11,634	10	11,634
51C	3e	sugarhol s	8-15	9	75	S	455	0.1	4,095	9	4,095
2B	3s	alonzville	3- 8	9	71	S	656	0.2	5,576	8	5,576
64B	2e	zoar silt	3- 8	8	67	S	4,169	1.2	33,352	8	33,352
39C	3e	murrill lo	8-15	8	67	S	2,019	0.6	16,152	8	16,152
19C	3e	escatawba	8-15	8	67	S	1,424	0.4	11,392	8	11,392
22C	3e	frederick	8-15	8	67	S	34	0.0	272	8	272
37B	2e	mcclung-li	3- 8	8	65	S	751	0.2	5,891	8	5,891
50C	3e	shelocta-b	8-15	8	63	S	2,787	0.8	20,902	8	20,902
24C	3e	gilpin sil	8-15	8	63	S	2,455	0.7	18,412	8	18,412
22D	4e	frederick	15-25	8	63	S	140	0.0	1,050	8	1,050

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
23C	3e	frederick-	8-15	7	59	S	330	0.1	2,347	7	2,347
61C	3e	wharton-bl	8-15	7	59	S	524	0.2	3,709	7	3,709
8B	2e	blairton-w	3- 8	7	57	S	255	0.1	1,753	7	1,753
24D	4e	gilpin sil	15-25	7	54	S	1,807	0.5	11,746	6	11,746
39D	4e	murrill lo	15-25	7	54	S	879	0.3	5,714	6	5,714
38C	3e	mcclung-wa	8-15	6	50	S	2,525	0.7	15,010	6	15,010
					TOTAL		22,318	6.5	169,007		169,007

Weighted Average Yield = 7.57 Adjusted Weighted Average Yield = 7.57

Group Number 4

map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield x acres	adj yld	adjust product
40C	6s	murrill co	8-15	7	58	S	850	0.2	5,950	7	5,950
9C	6s	caneyville	8-15	7	58	S	93	0.0	651	7	651
18B	6s	escatawba	3- 8	6	50	S	2,375	0.7	14,250	6	14,250
18C	6s	escatawba	8-15	5	42	S	6,292	1.8	31,460	5	31,460
					TOTAL		9,610	2.8	52,311		52,311

Weighted Average Yield = 5.44 Adjusted Weighted Average Yield = 5.44

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
20C	3e	faywood-po	8-15	7	62	0	57	0.0	424	7	424
4A	4w	atkins sil	0- 3	7	58	0	618	0.2	4,326	7	4,326
23D	6e	frederick-	15-35	7	55	0	838	0.2	5,540	7	5,540
29C	3e	lily sandy	8-15	7	54	0	115	0.0	748	6	748
49A	4w	purdy silt	0- 3	7	54	0	946	0.3	6,149	6	6,149
20D	6e	faywood-po	15-35	6	54	0	1,235	0.4	7,959	6	7,959
46C	6s	oriskany-m	8-15	6	53	0	1,688	0.5	10,784	6	10,784
61D	6e	wharton-bl	15-35	6	51	0	486	0.1	2,954	6	2,954
9D	6e	caneyville	15-35	6	50	0	1,130	0.3	6,780	6	6,780
32C	6s	macove cha	3-15	6	50	0	2,591	0.8	15,546	6	15,546
43B	6s	oriskany c	3- 8	6	50	0	1,346	0.4	8,076	6	8,076
					TOTAL		11,050	3.2	69,287		69,287

Weighted Average Yield = 6.27 Adjusted Weighted Average Yield = 6.27

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
50D	6e	shelocta-b	15-35	6	48	0	8,380	2.4	48,185	6	48,185
31C	3e	lily-mcclu	8-15	6	47	0	4,795	1.4	26,877	6	26,877
6B	2e	berks-weik	3- 8	5	39	0	5	0.0	24	5	24

						TOTAL	13,180	3.8	75,086		75,086

Weighted Average Yield = 5.70 Adjusted Weighted Average Yield = 5.70

Group Number 7
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map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield acres	x adj yld	adjust product
36A	4w	maurertown	0- 3	4	33	0	567	0.2	2,268	4	2,268
48C	6s	paddyknob-	8-15	4	33	0	288	0.1	1,152	4	1,152
35C	6s	mandy chan	8-15	4	33	0	53	0.0	212	4	212
17A	4s	derroc ver	0- 3	4	29	0	1,644	0.5	5,754	4	5,754
38D	7s	mcclung-wa	15-35	3	27	0	10,564	3.1	34,333	3	34,333
42A	4s	ogles very	0- 3	3	25	0	2,529	0.7	7,587	3	7,587
5D	6e	berks chan	15-35	3	25	0	552	0.2	1,656	3	1,656
6C	3e	berks-weik	8-15	3	22	0	981	0.3	2,597	3	2,597
27C	6s	lehew-berk	8-15	2	21	0	1,599	0.5	3,955	2	3,955
57D	6e	weikert-be	15-35	2	19	0	11,678	3.4	26,149	2	26,149
7C	6s	berks-weik	8-15	2	17	0	210	0.1	432	2	432
						TOTAL	30,665	8.9	86,094		86,094

Weighted Average Yield = 2.81 Adjusted Weighted Average Yield = 2.81

Group Number 8
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map symbl	lc	soil name	slope	nir yld	prd ind	I F	acres number	pct	yield acres	x adj yld	adjust product
57E	7e	weikert-be	35-55			0	40,802	11.9	0		0
60F	7e	weikert-ro	55-80			0	30,525	8.9	0		0
16E	7e	dekalb-wat	35-55			0	18,564	5.4	0		0
27E	7e	lehew-berk	35-55			0	13,306	3.9	0		0
58F	7e	weikert-be	55-80			0	12,526	3.6	0		0
44E	7e	oriskany c	35-55			0	9,505	2.8	0		0
50E	7e	shelocta-b	35-55			0	8,713	2.5	0		0
47E	7e	oriskany-m	35-55			0	6,966	2.0	0		0
12E	7e	dekalb-alt	35-55			0	5,270	1.5	0		0
45E	7e	oriskany e	25-55			0	4,759	1.4	0		0
14E	7e	dekalb-lil	35-55			0	4,251	1.2	0		0
5E	7e	berks chan	35-55			0	3,169	0.9	0		0
56E	7e	weikert-be	35-55			0	2,827	0.8	0		0
34E	7e	macove-ber	35-60			0	1,917	0.6	0		0
9E	7e	caneyville	35-55			0	1,677	0.5	0		0
20E	7e	faywood-po	35-55			0	1,076	0.3	0		0
55E	7e	watahala-f	35-55			0	806	0.2	0		0
48E	7e	paddyknob-	35-55			0	581	0.2	0		0
40E	7e	murrill co	35-55			0	260	0.1	0		0
33E	7e	macove ext	35-60			0	137	0.0	0		0
35E	7e	mandy chan	35-55			0	80	0.0	0		0
44D	7s	oriskany c	15-35			0	11,699	3.4	0		0
46D	7s	oriskany-m	15-35			0	8,978	2.6	0		0
13D	7s	dekalb-lil	15-35			0	7,258	2.1	0		0
15E	7s	dekalb-roc	35-80			0	7,228	2.1	0		0
28F	7s	lehew-berk	55-80			0	7,157	2.1	0		0
44C	7s	oriskany c	8-15			0	6,167	1.8	0		0
27D	7s	lehew-berk	15-35			0	5,057	1.5	0		0
40D	7s	murrill co	15-35			0	4,225	1.2	0		0

map symbl	lc	soil name	slope	nir prd I yld ind F	acres number	pct	yield x acres	adj yld	adjust product
12D	7s	dekalb-alt	15-35	0	2,570	0.7	0		0
18D	7s	escatawba	15-35	0	2,162	0.6	0		0
59F	7s	weikert-ro	55-10	0	1,507	0.4	0		0
7D	7s	berks-weik	15-35	0	1,199	0.3	0		0
48D	7s	paddyknob-	15-35	0	899	0.3	0		0
34D	7s	macove-ber	15-35	0	855	0.2	0		0
15D	7s	dekalb-roc	15-35	0	817	0.2	0		0
32D	7s	macove cha	15-35	0	562	0.2	0		0
3C	7s	alticrest-	8-15	0	517	0.2	0		0
30D	7s	lily sandy	15-35	0	84	0.0	0		0
35D	7s	mandy chan	15-35	0	50	0.0	0		0
54	8s	udorthents	15-10	0	770	0.2	0		0
			TOTAL		237,478	69.0	0		0

Weighted Average Yield = 0.00 Adjusted Weighted Average Yield = 0.00

UNGROUPED Data
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map symbl	lc	soil name	slope	nir prd I yld ind F	acres number	pct	yield x acres	adj yld	adjust product
W	0	water	0- 0	0	3,792	1.1	0		0
53	0	udorthents	3-35	0	331	0.1	0		0
52	0	udorthents	0-55	0	30	0.0	0		0

Summary of Worksheet 2 Data
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group	lcc	important farmland	potential or productivity	%	cum'ltv %	acres	cum'ltv acres	relative value
1	1-2w	prime	92-100	1.1	1.1	3,757	3,757	100
2	1-2w	prime	67- 83	3.5	4.5	11,889	15,646	75
3	2e-4e	state	50- 88	6.5	11.0	22,318	37,964	64
4	4w-6s	state	42- 58	2.8	13.8	9,610	47,574	46
5	3e-6s	other	50- 62	3.2	17.0	11,050	58,624	53
6	2e-7s	other	39- 48	3.8	20.9	13,180	71,804	48
7	3e-7s	other	17- 33	8.9	29.8	30,665	102,469	24
8	7e-8s	other	-	69.0	98.8	237,478	339,947	0

FPPA acres: 47,574 (13.8% of county)
Farmable acres: 102,469 (29.8% of county)
Grouped acres: 339,947
Total acres: 344,100

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