LESA Worksheet #1

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

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Survey Area : city of richmond, virginia (VA760)
              67 mapunits

Indicator crop     : corn
Temperature Regime : thermic
C factor           : 0.00
System irrigated?  : no
Minimum Component  : 15%
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line no.	map symbl	soil name	slope	lc	nirr yield	prd ind	i f	acres number	pct
1	1B	abell sandy loam	2- 8	2e	0	1		7	0.0
2	2B	appling gravelly sandy loam	2- 6	2e	0	1		26	0.1
3	3B	appling sandy loam	2- 6	2e	0	1		52	0.1
4	3C	appling sandy loam	6-12	3e	0	S		870	2.2
5	3D	appling sandy loam	12-20	4e	0	S		149	0.4
6	4C	appling-wedowee complex	6-12	3e	0	S		450	1.1
7	4D	appling-wedowee complex	12-20	4e	47	100	S	685	1.7
8	5A	atlee very fine sandy loam	0- 4	2w	0	1		2,668	6.7
9	6A	augusta fine sandy loam	0- 4	3w	0	2		60	0.2
10	7B	bourne fine sandy loam	2- 6	2e	0	0		465	1.2
11	7C	bourne fine sandy loam	6-12	3e	0	0		22	0.1
12	8C	cecil fine sandy loam	6-12	3e	0	S		56	0.1
13	8D	cecil fine sandy loam	12-20	4e	0	S		12	0.0
14	9A	chastain loam	0- 3	4w	0	0		52	0.1
15	10A	chewacla loam	0- 3	3w	0	3		390	1.0
16	11B	colfax fine sandy loam	2- 6	3w	0	0		128	0.3
17	12C	colfax sandy loam	6-12	3e	0	0		194	0.5
18	13A	dogue loam	0- 4	2e	0	1		7	0.0
19	14A	dunbar fine sandy loam	0- 4	2w	0	2		610	1.5
20	15B	durham-bourne complex	2- 6	2e	0	0		9	0.0
21	16B	edgehill very gravelly fine s	2- 6	3s	0	0		1,531	3.8
22	16C	edgehill very gravelly fine s	6-12	4e	0	0		290	0.7
23	16D	edgehill very gravelly fine s	12-20	6e	0	0		191	0.5
24	16E	edgehill very gravelly fine s	20-40	7e	0	0		122	0.3
25	17B	faceville fine sandy loam	2- 6	2e	0	1		8	0.0
26	17C	faceville fine sandy loam	6-12	3e	0	S		4	0.0
27	17D	faceville fine sandy loam	12-20	3e	0	S		17	0.0
28	18B	faceville-gritney complex	2- 6	2e	0	1		1,728	4.3
29	18C	faceville-gritney complex	6-12	2e	0	S		411	1.0
30	19C	grover fine sandy loam	6-12	3e	0	S		56	0.1
31	19D	grover fine sandy loam	12-20	4e	0	S		54	0.1

32	19E	grover fine sandy loam	20-35	6e	0	0	204	0.5
33	20C	grover-wateree complex	6-12	3e	0	S	2	0.0
34	21A	johnston mucky loam	0- 3	7w	0	0	288	0.7
35	22B	kempsville very fine sandy lo	2- 6	2e	0	1	33	0.1
36	23B	kempsville-bourne complex	2- 6	2e	0	S	10	0.0
37	24B	masada fine sandy loam	2- 6	2e	0	1	137	0.3
38	24C	masada fine sandy loam	6-12	3e	0	S	37	0.1
39	25B	masada gravelly fine sandy lo	2- 6	2e	0	1	42	0.1
40	25C	masada gravelly fine sandy lo	6-12	3e	0	0	97	0.2
41	26A	nawney silt loam	0- 2	7w	0	0	10	0.0
42	27B	norfolk fine sandy loam	0- 6	2e	0	1	391	1.0
43	28B	orangeburg-faceville complex	2- 6	2e	0	1	209	0.5
44	28C	orangeburg-faceville complex	6-12	3e	0	S	29	0.1
45	29B	pouncey fine sandy loam	0- 6	4w	0	0	41	0.1
46	30A	riverview silt loam	0- 3	4w	0	3	72	0.2
47	31A	roanoke silt loam	0- 2	5w	0	0	1,808	4.5
48	32A	roanoke-chewacla complex	0- 2	5w	0	0	568	1.4
49	33B	slagle fine sandy loam	2- 6	2e	0	1	155	0.4
50	34B	tetotum loam	2- 6	2e	0	1	1,117	2.8
51	35A	toccoa fine sandy loam	0- 4	3w	0	3	214	0.5
52	36A	tomotley loam	0- 2	4w	0	2	274	0.7
53	37B	turbeville fine sandy loam	2- 6	2e	0	1	7,385	18.5
54	37C	turbeville fine sandy loam	6-12	3e	0	S	30	0.1
55	38B	turbeville gravelly fine sand	2- 6	2e	0	1	22	0.1
56	38C	turbeville gravelly fine sand	6-12	3e	0	S	62	0.2
57	39	udorthents	0- 0	0	0	0	140	0.4
58	40	udorthents-dumps complex	0- 0	0	0	0	4,304	10.8
59	41	urban land	0- 0	0	0	0	5,829	14.6
60	42A	varina fine sandy loam	0- 4	2e	0	1	40	0.1
61	43C	wateree sandy loam	4-12	4e	0	0	247	0.6
62	43D	wateree sandy loam	12-20	7e	0	0	1,023	2.6
63	44E	wateree-appling complex	20-45	7e	0	0	1,337	3.4
64	45F	wateree-appling-rock outcrop	45-60	7e	0	0	621	1.6
65	46E	wedowee gravelly fine sandy l	20-40	7e	0	0	101	0.3
66	47A	worsham fine sandy loam	0- 4	5w	0	0	26	0.1
67	W	water	0- 0	0	0	0	1,671	4.2
							39,900	

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