

**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Virginia	Accomack	Albemarle	Alleghany	Amelia	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2012	18,826	91	309	69	159
	2007	22,563	117	382	87	197
acres treated, 2012	1,920,603	42,473	18,294	2,359	14,392	
	2007	2,264,507	52,323	23,814	2,965	21,281
Cropland fertilized, except cropland pasture .....	farms, 2012	14,400	90	210	56	126
	2007	16,694	110	232	74	155
acres treated, 2012	1,509,409	(D)	12,985	1,647	12,183	
	2007	1,704,169	51,702	14,953	2,084	16,367
Pastureland and rangeland fertilized .....	farms, 2012	8,630	2	148	27	60
	2007	11,602	14	226	44	94
acres treated, 2012	411,194	(D)	5,309	712	2,209	
	2007	560,338	621	8,861	881	4,914
Manure .....	farms, 2012	6,318	27	109	28	78
	2007	7,009	42	110	30	101
acres treated, 2012	363,237	8,305	6,411	612	5,707	
	2007	388,988	13,205	4,766	1,051	7,421
Acres treated to control--						
Insects .....	farms, 2012	5,003	75	68	4	44
	2007	4,711	71	49	5	32
acres, 2012	786,176	33,555	6,385	(D)	3,605	
	2007	748,282	36,003	5,034	506	4,639
Weeds, grass, or brush .....	farms, 2012	12,129	115	153	38	113
	2007	10,790	103	128	37	109
acres, 2012	1,514,896	52,094	9,689	1,361	13,702	
	2007	1,242,555	47,989	6,195	1,218	13,031
Nematodes .....	farms, 2012	783	10	5	-	9
	2007	632	4	7	2	6
acres, 2012	131,121	2,756	(D)	-	338	
	2007	101,115	(D)	62	(D)	232
Diseases in crops and orchards .....	farms, 2012	1,855	31	38	4	11
	2007	1,366	21	29	-	6
acres, 2012	245,417	15,065	5,096	26	277	
	2007	128,557	8,283	1,336	-	119
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2012	886	10	20	1	7	
	2007	730	10	5	4	4
acres on which used, 2012	129,075	2,537	1,112	(D)	240	
	2007	79,628	2,073	(D)	76	(D)

  

Item	Amherst	Appomattox	Arlington	Augusta	Bath	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2012	157	204	2	666	33
	2007	209	193	-	798	50
acres treated, 2012	10,295	19,796	(D)	63,052	1,905	
	2007	13,898	21,417	-	75,091	5,938
Cropland fertilized, except cropland pasture .....	farms, 2012	119	169	2	535	26
	2007	166	161	-	625	36
acres treated, 2012	5,138	13,052	(D)	46,057	1,564	
	2007	9,230	13,377	-	56,020	3,282
Pastureland and rangeland fertilized .....	farms, 2012	71	99	-	301	12
	2007	98	114	-	364	19
acres treated, 2012	5,157	6,744	-	16,995	341	
	2007	4,668	8,040	-	19,071	2,656
Manure .....	farms, 2012	43	49	-	471	26
	2007	49	28	-	520	23
acres treated, 2012	1,547	4,872	-	35,124	1,078	
	2007	2,799	1,672	-	42,563	1,508
Acres treated to control--						
Insects .....	farms, 2012	21	38	-	162	8
	2007	19	21	1	154	11
acres, 2012	499	1,175	-	10,773	(D)	
	2007	999	307	(D)	22,824	1,473
Weeds, grass, or brush .....	farms, 2012	58	107	-	508	23
	2007	58	62	1	417	19
acres, 2012	3,949	7,290	-	42,509	1,068	
	2007	2,327	2,733	(D)	43,271	1,735
Nematodes .....	farms, 2012	2	-	-	15	-
	2007	3	1	-	7	2
acres, 2012	(D)	-	-	1,441	-	
	2007	(D)	(D)	-	859	(D)
Diseases in crops and orchards .....	farms, 2012	19	5	-	42	2
	2007	12	7	1	31	2
acres, 2012	414	139	-	1,126	(D)	
	2007	175	31	(D)	2,118	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
farms, 2012	4	2	-	6	4	
	2007	5	4	-	15	-
acres on which used, 2012	(D)	(D)	-	(D)	34	
	2007	158	186	-	1,059	-

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Bedford	Bland	Botetourt	Brunswick	Buchanan	
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	602	210	231	106	21	
.....farms, 2007	776	223	281	139	38	
.....acres treated, 2012	38,324	12,473	14,333	14,877	323	
.....acres treated, 2007	56,810	10,721	16,315	15,846	636	
Cropland fertilized, except cropland pasture .....farms, 2012	485	182	178	80	17	
.....farms, 2007	607	169	194	103	24	
.....acres treated, 2012	25,586	6,935	8,890	12,088	203	
.....acres treated, 2007	32,391	6,027	10,233	12,478	437	
Pastureland and rangeland fertilized .....farms, 2012	287	100	118	52	6	
.....farms, 2007	429	112	156	67	16	
.....acres treated, 2012	12,738	5,538	5,443	2,789	120	
.....acres treated, 2007	24,419	4,694	6,082	3,368	199	
Manure .....farms, 2012	156	32	80	18	9	
.....farms, 2007	158	26	88	24	7	
.....acres treated, 2012	4,903	2,750	4,244	1,238	138	
.....acres treated, 2007	7,879	609	3,311	968	44	
Acres treated to control--						
Insects .....farms, 2012	65	12	23	39	2	
.....farms, 2007	70	13	32	37	2	
.....acres, 2012	2,781	339	1,523	7,082	(D)	
.....acres, 2007	2,654	290	3,292	4,181	(D)	
Weeds, grass, or brush .....farms, 2012	278	79	164	59	9	
.....farms, 2007	223	86	155	54	17	
.....acres, 2012	9,895	2,733	7,945	12,868	74	
.....acres, 2007	7,548	3,329	6,573	8,780	199	
Nematodes .....farms, 2012	6	1	4	20	-	
.....farms, 2007	15	1	1	20	-	
.....acres, 2012	72	(D)	59	2,449	-	
.....acres, 2007	1,093	(D)	(D)	1,551	-	
Diseases in crops and orchards .....farms, 2012	45	1	16	11	1	
.....farms, 2007	29	-	7	2	1	
.....acres, 2012	1,506	(D)	936	3,031	(D)	
.....acres, 2007	855	-	133	(D)	(D)	
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	16	3	11	9	-	
.....farms, 2007	16	-	3	13	1	
.....acres on which used, 2012	424	(D)	299	1,200	-	
.....acres on which used, 2007	327	-	(D)	929	(D)	
Item	Buckingham	Campbell	Caroline	Carroll	Charles City	Charlotte
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	145	329	92	503	37	267
.....farms, 2007	196	402	132	614	37	288
.....acres treated, 2012	9,725	29,833	31,491	31,302	16,421	24,993
.....acres treated, 2007	14,241	41,880	30,789	36,087	15,399	22,843
Cropland fertilized, except cropland pasture .....farms, 2012	92	271	82	323	28	228
.....farms, 2007	112	316	76	382	26	218
.....acres treated, 2012	4,506	18,635	30,820	18,628	16,315	18,248
.....acres treated, 2007	7,791	24,046	28,958	16,510	15,159	14,201
Pastureland and rangeland fertilized .....farms, 2012	90	166	28	324	11	132
.....farms, 2007	133	236	82	426	14	161
.....acres treated, 2012	5,219	11,198	671	12,674	106	6,745
.....acres treated, 2007	6,450	17,834	1,831	19,577	240	8,642
Manure .....farms, 2012	62	106	22	29	4	56
.....farms, 2007	66	90	58	79	11	61
.....acres treated, 2012	4,332	10,029	208	1,254	32	2,391
.....acres treated, 2007	3,987	4,729	2,563	2,098	138	2,270
Acres treated to control--						
Insects .....farms, 2012	21	54	40	83	27	71
.....farms, 2007	23	44	42	90	18	60
.....acres, 2012	1,407	2,810	25,507	3,616	17,868	6,520
.....acres, 2007	1,067	2,949	20,996	2,715	9,256	3,286
Weeds, grass, or brush .....farms, 2012	74	147	79	182	32	146
.....farms, 2007	49	137	80	187	24	94
.....acres, 2012	5,947	11,599	33,497	6,257	20,311	19,033
.....acres, 2007	2,429	7,118	29,719	5,829	11,801	6,031
Nematodes .....farms, 2012	1	7	7	11	5	4
.....farms, 2007	-	1	6	6	1	6
.....acres, 2012	(D)	72	4,107	132	328	265
.....acres, 2007	-	(D)	(D)	89	(D)	326
Diseases in crops and orchards .....farms, 2012	8	16	16	47	15	18
.....farms, 2007	4	15	15	33	6	8
.....acres, 2012	451	(D)	4,905	1,872	8,749	550
.....acres, 2007	13	180	7,480	892	843	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	1	10	3	18	1	7
.....farms, 2007	2	10	2	14	2	7
.....acres on which used, 2012	(D)	141	(D)	359	(D)	(D)
.....acres on which used, 2007	(D)	191	(D)	335	(D)	224

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Chesterfield	Clarke	Craig	Culpeper	Cumberland	Dickenson
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	67	126	107	214	76	49
..... 2007	78	157	99	296	122	66
..... acres treated, 2012	4,019	9,801	6,583	28,326	8,003	1,292
..... 2007	4,183	14,118	6,409	34,162	9,345	1,547
Cropland fertilized, except cropland pasture ..... farms, 2012	55	88	90	141	57	33
..... 2007	59	106	77	213	89	35
..... acres treated, 2012	3,570	7,898	4,395	20,485	4,502	721
..... 2007	3,289	11,631	3,998	26,065	5,277	597
Pastureland and rangeland fertilized ..... farms, 2012	28	49	46	102	44	28
..... 2007	32	72	41	146	70	50
..... acres treated, 2012	449	1,903	2,188	7,841	3,501	571
..... 2007	894	2,487	2,411	8,097	4,068	950
Manure ..... farms, 2012	27	68	25	145	43	15
..... 2007	24	79	18	130	69	19
..... acres treated, 2012	540	3,438	751	7,890	2,388	189
..... 2007	597	4,702	646	9,733	4,715	176
Acres treated to control--						
Insects ..... farms, 2012	26	40	6	62	21	5
..... 2007	10	40	16	56	15	8
..... acres, 2012	1,359	4,057	203	11,982	2,128	11
..... 2007	842	7,450	389	7,784	1,197	31
Weeds, grass, or brush ..... farms, 2012	46	118	47	153	59	25
..... 2007	38	106	39	147	59	37
..... acres, 2012	4,101	10,318	1,742	24,410	5,696	276
..... 2007	3,431	9,767	900	17,707	2,685	468
Nematodes ..... farms, 2012	3	5	2	10	1	2
..... 2007	1	2	4	2	-	-
..... acres, 2012	92	(D)	(D)	723	(D)	(D)
..... 2007	(D)	(D)	13	(D)	-	-
Diseases in crops and orchards ..... farms, 2012	8	15	4	31	6	6
..... 2007	3	10	6	16	7	6
..... acres, 2012	292	359	105	3,866	(D)	10
..... 2007	148	1,798	24	276	(D)	8
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	6	10	1	7	1	4
..... 2007	3	7	2	2	2	2
..... acres on which used, 2012	40	248	(D)	187	(D)	8
..... 2007	144	1,096	(D)	(D)	(D)	(D)
Item	Dinwiddie	Essex	Fairfax	Fauquier	Floyd	Fluvanna
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	140	46	39	389	413	97
..... 2007	186	49	76	475	492	162
..... acres treated, 2012	26,290	36,273	359	39,155	23,546	5,696
..... 2007	29,255	33,187	1,134	57,754	35,154	10,810
Cropland fertilized, except cropland pasture ..... farms, 2012	109	45	25	238	334	69
..... 2007	121	42	34	279	391	104
..... acres treated, 2012	23,241	35,752	276	31,116	16,038	4,124
..... 2007	25,672	33,006	832	33,061	21,383	6,605
Pastureland and rangeland fertilized ..... farms, 2012	66	4	15	201	167	44
..... 2007	103	9	43	301	271	101
..... acres treated, 2012	3,049	521	83	8,039	7,508	1,572
..... 2007	3,583	181	302	24,693	13,771	4,205
Manure ..... farms, 2012	45	4	17	167	65	23
..... 2007	30	6	33	199	81	63
..... acres treated, 2012	741	(D)	102	10,512	3,230	1,023
..... 2007	825	937	180	9,606	4,913	1,864
Acres treated to control--						
Insects ..... farms, 2012	49	30	17	119	64	22
..... 2007	47	27	19	108	51	12
..... acres, 2012	14,938	27,832	101	11,359	2,101	1,037
..... 2007	15,407	25,322	135	15,218	1,832	1,943
Weeds, grass, or brush ..... farms, 2012	131	47	30	251	157	56
..... 2007	101	37	38	250	141	59
..... acres, 2012	26,112	37,158	240	38,315	8,384	4,144
..... 2007	22,315	31,952	570	29,557	3,991	2,783
Nematodes ..... farms, 2012	17	7	1	13	5	-
..... 2007	19	1	7	5	2	-
..... acres, 2012	2,348	4,695	(D)	312	33	-
..... 2007	1,034	(D)	334	35	(D)	-
Diseases in crops and orchards ..... farms, 2012	17	11	8	52	21	4
..... 2007	12	5	8	53	17	-
..... acres, 2012	2,861	12,854	52	789	187	15
..... 2007	2,933	6,102	332	663	280	-
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	13	2	4	28	9	5
..... 2007	8	-	3	23	11	-
..... acres on which used, 2012	2,029	(D)	28	2,075	75	24
..... 2007	1,754	-	7	435	317	-

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Franklin	Frederick	Giles	Gloucester	Goochland	Grayson
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	570	192	194	62	117	362
.....farms, 2007	634	250	169	80	141	466
.....acres treated, 2012	53,076	14,162	7,825	11,872	11,892	19,889
.....acres treated, 2007	57,897	17,804	8,701	14,587	16,711	27,212
Cropland fertilized, except cropland pasture .....farms, 2012	443	139	152	47	64	242
.....farms, 2007	472	192	114	47	85	335
.....acres treated, 2012	35,325	11,150	4,705	11,532	10,352	9,871
.....acres treated, 2007	36,614	13,085	4,863	14,175	13,705	14,047
Pastureland and rangeland fertilized .....farms, 2012	344	77	78	25	70	171
.....farms, 2007	432	99	98	42	89	255
.....acres treated, 2012	17,751	3,012	3,120	340	1,540	10,018
.....acres treated, 2007	21,283	4,719	3,838	412	3,006	13,165
Manure .....farms, 2012	153	93	36	13	68	75
.....farms, 2007	172	109	32	22	57	67
.....acres treated, 2012	12,945	5,725	1,163	380	3,495	2,577
.....acres treated, 2007	12,589	5,743	754	240	2,866	3,030
Acres treated to control--						
Insects .....farms, 2012	106	54	23	35	29	77
.....farms, 2007	105	80	17	44	27	83
.....acres, 2012	8,681	6,690	153	8,540	9,378	2,419
.....acres, 2007	9,877	8,312	647	8,870	4,688	3,412
Weeds, grass, or brush .....farms, 2012	254	130	145	58	72	141
.....farms, 2007	219	119	111	53	71	184
.....acres, 2012	23,265	9,998	4,705	12,591	13,825	4,348
.....acres, 2007	18,838	9,512	4,530	13,151	11,030	6,930
Nematodes .....farms, 2012	9	5	7	8	5	4
.....farms, 2007	12	4	1	3	1	9
.....acres, 2012	1,965	(D)	19	492	450	172
.....acres, 2007	1,239	(D)	(D)	84	(D)	176
Diseases in crops and orchards .....farms, 2012	24	30	9	12	11	15
.....farms, 2007	24	33	7	7	3	22
.....acres, 2012	1,661	4,692	23	1,629	(D)	512
.....acres, 2007	1,055	7,026	117	(D)	(D)	1,030
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	15	16	6	1	4	4
.....farms, 2007	11	25	1	2	3	2
.....acres on which used, 2012	498	4,494	60	(D)	59	(D)
.....acres on which used, 2007	380	4,213	(D)	(D)	(D)	(D)
Item	Greene	Greensville	Halifax	Hanover	Henrico	Henry
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	67	62	430	269	44	129
.....farms, 2007	100	72	458	328	77	187
.....acres treated, 2012	4,039	23,425	35,661	42,477	3,539	6,167
.....acres treated, 2007	5,532	22,156	32,723	47,149	9,221	10,886
Cropland fertilized, except cropland pasture .....farms, 2012	42	52	338	208	37	88
.....farms, 2007	71	63	355	225	49	121
.....acres treated, 2012	1,921	23,105	21,467	39,624	3,443	2,721
.....acres treated, 2007	3,827	21,941	19,449	40,683	8,657	5,247
Pastureland and rangeland fertilized .....farms, 2012	39	13	233	105	9	69
.....farms, 2007	45	17	245	165	34	145
.....acres treated, 2012	2,118	320	14,194	2,853	96	3,446
.....acres treated, 2007	1,705	215	13,274	6,466	564	5,639
Manure .....farms, 2012	33	4	70	72	11	18
.....farms, 2007	48	7	67	84	21	36
.....acres treated, 2012	2,870	113	2,321	1,993	201	613
.....acres treated, 2007	4,711	164	2,103	3,382	401	562
Acres treated to control--						
Insects .....farms, 2012	23	36	146	89	20	29
.....farms, 2007	15	39	106	92	27	30
.....acres, 2012	697	11,756	6,508	28,794	4,746	248
.....acres, 2007	417	13,787	4,463	20,965	7,662	303
Weeds, grass, or brush .....farms, 2012	38	52	252	191	33	49
.....farms, 2007	32	54	185	165	38	54
.....acres, 2012	1,036	23,647	19,861	43,293	6,450	901
.....acres, 2007	1,085	15,641	8,932	34,849	8,339	1,155
Nematodes .....farms, 2012	5	18	23	22	2	5
.....farms, 2007	4	12	22	8	5	-
.....acres, 2012	(D)	9,696	399	3,939	(D)	10
.....acres, 2007	(D)	4,940	444	1,587	(D)	-
Diseases in crops and orchards .....farms, 2012	10	16	36	41	10	10
.....farms, 2007	9	9	28	25	13	10
.....acres, 2012	38	6,837	1,437	12,223	2,643	53
.....acres, 2007	47	2,380	640	4,045	1,288	104
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	5	13	24	10	2	5
.....farms, 2007	2	12	21	13	7	4
.....acres on which used, 2012	15	9,601	768	428	(D)	8
.....acres on which used, 2007	(D)	5,229	596	217	122	(D)

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Highland	Isle of Wight	James City	King and Queen	King George	King William
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	50	107	40	50	54	68
..... 2007	70	131	44	100	92	78
..... acres treated, 2012	3,457	26,112	2,210	24,075	4,888	17,779
..... 2007	4,505	45,974	2,220	26,513	9,539	22,225
Cropland fertilized, except cropland pasture ..... farms, 2012	35	94	32	41	45	51
..... 2007	36	104	25	79	76	60
..... acres treated, 2012	1,181	35,571	2,105	23,828	4,134	17,225
..... 2007	1,609	44,225	1,886	25,967	8,418	21,500
Pastureland and rangeland fertilized ..... farms, 2012	32	27	14	13	14	24
..... 2007	44	49	23	33	30	27
..... acres treated, 2012	2,276	541	105	247	754	554
..... 2007	2,896	1,749	334	546	1,121	725
Manure ..... farms, 2012	63	14	18	12	21	21
..... 2007	70	24	15	15	18	14
..... acres treated, 2012	2,666	480	216	228	326	1,219
..... 2007	3,721	679	55	534	670	530
Acres treated to control--						
Insects ..... farms, 2012	8	72	18	32	24	37
..... 2007	9	70	12	42	18	29
..... acres, 2012	103	26,909	(D)	13,144	2,053	13,307
..... 2007	115	33,220	1,538	13,727	3,280	9,967
Weeds, grass, or brush ..... farms, 2012	58	99	32	49	46	57
..... 2007	42	81	23	82	36	42
..... acres, 2012	2,960	44,192	1,773	27,475	4,649	23,013
..... 2007	1,583	33,751	1,545	25,827	5,506	19,258
Nematodes ..... farms, 2012	1	22	2	5	5	9
..... 2007	1	25	-	1	1	4
..... acres, 2012	(D)	8,785	(D)	3,221	(D)	4,173
..... 2007	(D)	10,329	-	(D)	(D)	(D)
Diseases in crops and orchards ..... farms, 2012	5	29	6	9	11	11
..... 2007	-	11	6	12	7	5
..... acres, 2012	36	10,320	(D)	4,680	410	3,647
..... 2007	-	1,591	71	1,507	(D)	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	3	30	1	1	6	5
..... 2007	-	29	-	-	-	2
..... acres on which used, 2012	20	13,775	(D)	(D)	372	2,191
..... 2007	-	11,535	-	-	-	(D)
Item	Lancaster	Lee	Loudoun	Louisa	Lunenburg	Madison
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	34	426	384	207	140	231
..... 2007	42	579	427	234	176	258
..... acres treated, 2012	6,554	14,910	23,944	13,067	13,066	26,109
..... 2007	8,634	25,972	33,109	17,625	16,947	30,641
Cropland fertilized, except cropland pasture ..... farms, 2012	31	328	211	161	83	168
..... 2007	33	475	256	177	134	198
..... acres treated, 2012	6,384	8,220	18,458	9,330	8,086	18,198
..... 2007	8,461	13,915	24,796	11,577	9,643	20,988
Pastureland and rangeland fertilized ..... farms, 2012	7	208	228	97	70	125
..... 2007	11	310	210	120	101	153
..... acres treated, 2012	170	6,690	5,486	3,737	4,980	7,911
..... 2007	173	12,057	8,313	6,048	7,304	9,653
Manure ..... farms, 2012	2	85	183	82	28	77
..... 2007	9	115	203	79	30	81
..... acres treated, 2012	(D)	1,296	5,028	3,525	2,466	5,507
..... 2007	677	1,744	5,414	2,548	1,631	5,893
Acres treated to control--						
Insects ..... farms, 2012	19	51	139	47	47	64
..... 2007	27	64	113	31	39	44
..... acres, 2012	5,635	1,114	19,644	1,345	4,765	9,642
..... 2007	5,613	1,363	6,637	1,705	2,870	7,459
Weeds, grass, or brush ..... farms, 2012	33	260	297	110	82	111
..... 2007	33	246	247	94	57	116
..... acres, 2012	6,409	5,971	28,886	10,223	9,383	14,248
..... 2007	8,970	5,670	17,681	5,732	3,260	16,309
Nematodes ..... farms, 2012	6	9	11	9	10	12
..... 2007	6	3	12	-	9	9
..... acres, 2012	548	57	578	359	1,034	2,551
..... 2007	123	15	77	-	309	3,023
Diseases in crops and orchards ..... farms, 2012	7	22	64	18	10	30
..... 2007	12	12	53	5	4	19
..... acres, 2012	(D)	148	1,478	215	(D)	3,434
..... 2007	2,478	386	733	(D)	24	1,418
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	6	12	21	4	15	11
..... 2007	-	12	26	5	12	2
..... acres on which used, 2012	(D)	157	4,213	(D)	1,857	265
..... 2007	-	49	263	124	731	(D)

--continued

**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Mathews	Mecklenburg	Middlesex	Montgomery	Nelson	New Kent
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	26	273	38	282	155	54
.....farms, 2007	32	335	44	288	186	82
.....acres treated, 2012	1,963	31,451	11,260	20,168	9,727	7,251
.....acres treated, 2007	2,683	46,838	12,422	20,019	12,039	11,464
Cropland fertilized, except cropland pasture .....farms, 2012	23	212	30	208	122	43
.....farms, 2007	27	257	43	217	140	37
.....acres treated, 2012	1,895	22,864	10,802	14,216	7,006	6,904
.....acres treated, 2007	2,510	30,276	11,985	12,449	8,220	10,537
Pastureland and rangeland fertilized .....farms, 2012	4	152	16	134	62	20
.....farms, 2007	9	207	11	145	79	55
.....acres treated, 2012	68	8,587	458	5,952	2,721	347
.....acres treated, 2007	173	16,562	437	7,570	3,819	927
Manure .....farms, 2012	6	39	7	69	65	18
.....farms, 2007	7	61	6	78	38	38
.....acres treated, 2012	29	1,846	655	3,408	2,473	128
.....acres treated, 2007	(D)	2,696	167	2,698	1,701	483
Acres treated to control--						
Insects .....farms, 2012	11	85	15	40	49	18
.....farms, 2007	7	76	19	32	44	13
.....acres, 2012	1,347	8,338	8,490	2,931	2,832	5,587
.....acres, 2007	1,004	7,335	8,392	2,058	1,832	6,826
Weeds, grass, or brush .....farms, 2012	17	162	31	157	81	45
.....farms, 2007	17	122	38	132	86	41
.....acres, 2012	2,624	22,429	12,575	10,901	3,826	8,501
.....acres, 2007	2,490	12,500	11,726	6,133	3,309	9,534
Nematodes .....farms, 2012	1	21	7	3	6	4
.....farms, 2007	-	27	3	2	-	2
.....acres, 2012	(D)	1,794	1,696	(D)	211	(D)
.....acres, 2007	-	2,011	225	(D)	-	(D)
Diseases in crops and orchards .....farms, 2012	2	24	7	13	31	4
.....farms, 2007	2	11	9	11	29	5
.....acres, 2012	(D)	696	2,734	1,191	858	481
.....acres, 2007	(D)	616	1,478	(D)	1,280	131
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	-	26	1	1	18	4
.....farms, 2007	1	11	2	2	7	-
.....acres on which used, 2012	-	2,174	(D)	(D)	964	51
.....acres on which used, 2007	(D)	570	(D)	(D)	470	-
Item	Northampton	Northumberland	Nottoway	Orange	Page	Patrick
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	80	60	145	182	169	301
.....farms, 2007	90	80	194	209	160	393
.....acres treated, 2012	35,201	29,625	14,379	21,167	13,890	17,983
.....acres treated, 2007	51,704	30,991	15,487	29,195	13,945	21,977
Cropland fertilized, except cropland pasture .....farms, 2012	80	57	104	121	129	230
.....farms, 2007	90	78	127	154	126	276
.....acres treated, 2012	35,201	29,458	10,865	17,683	11,245	9,495
.....acres treated, 2007	51,690	30,905	8,994	20,173	10,486	11,853
Pastureland and rangeland fertilized .....farms, 2012	-	8	82	91	77	191
.....farms, 2007	4	7	128	108	67	261
.....acres treated, 2012	-	167	3,514	3,484	2,645	8,488
.....acres treated, 2007	14	86	6,493	9,022	3,459	10,124
Manure .....farms, 2012	8	5	54	78	163	68
.....farms, 2007	8	15	60	82	179	47
.....acres treated, 2012	907	(D)	4,637	6,519	13,236	2,032
.....acres treated, 2007	641	1,501	2,777	5,490	15,339	1,652
Acres treated to control--						
Insects .....farms, 2012	70	53	32	48	49	66
.....farms, 2007	66	58	32	56	47	65
.....acres, 2012	29,860	26,379	3,852	9,486	2,301	1,799
.....acres, 2007	25,165	24,990	926	6,056	4,803	3,769
Weeds, grass, or brush .....farms, 2012	82	67	89	108	180	149
.....farms, 2007	80	73	77	86	130	116
.....acres, 2012	39,649	32,355	10,034	16,467	13,871	6,803
.....acres, 2007	46,869	32,221	3,486	13,032	10,756	4,531
Nematodes .....farms, 2012	15	6	2	10	3	3
.....farms, 2007	6	5	1	17	2	7
.....acres, 2012	3,961	2,916	(D)	552	(D)	160
.....acres, 2007	927	1,290	(D)	544	(D)	231
Diseases in crops and orchards .....farms, 2012	32	23	6	22	13	31
.....farms, 2007	39	18	4	18	2	28
.....acres, 2012	14,901	9,210	13	1,178	111	355
.....acres, 2007	12,155	6,362	17	1,320	(D)	931
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	7	2	2	4	4	29
.....farms, 2007	11	-	5	10	-	16
.....acres on which used, 2012	4,408	(D)	(D)	(D)	(D)	637
.....acres on which used, 2007	1,623	-	21	139	-	168

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Pittsylvania	Powhatan	Prince Edward	Prince George	Prince William	Pulaski	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2012	721	73	140	71	122	174
	2007	804	97	179	89	130	176
..... acres treated, 2012	2012	76,911	5,186	13,590	13,886	11,352	23,912
	2007	71,953	5,330	16,473	16,964	10,698	14,149
Cropland fertilized, except cropland pasture .....	farms, 2012	516	44	90	58	80	128
	2007	574	45	132	68	87	134
..... acres treated, 2012	2012	47,838	4,520	7,167	13,389	9,821	10,118
	2007	40,446	3,552	7,943	16,347	8,878	8,831
Pastureland and rangeland fertilized .....	farms, 2012	428	36	90	24	61	88
	2007	500	62	113	34	63	92
..... acres treated, 2012	2012	29,073	666	6,423	497	1,531	13,794
	2007	31,507	1,778	8,530	617	1,820	5,318
Manure .....	farms, 2012	128	54	44	8	65	28
	2007	128	44	53	14	53	28
..... acres treated, 2012	2012	10,655	1,920	3,030	24	2,326	1,593
	2007	9,994	1,566	2,499	249	1,269	2,613
Acres treated to control--							
Insects .....	farms, 2012	207	7	24	30	43	9
	2007	190	18	37	34	29	12
..... acres, 2012	2012	16,534	38	1,734	7,028	3,703	1,635
	2007	11,913	668	1,119	8,222	1,232	1,335
Weeds, grass, or brush .....	farms, 2012	360	56	63	70	92	84
	2007	268	38	67	63	53	89
..... acres, 2012	2012	37,946	4,943	3,523	14,227	7,646	5,267
	2007	18,684	2,442	3,902	14,480	6,347	4,739
Nematodes .....	farms, 2012	29	6	2	10	-	1
	2007	27	-	1	10	-	-
..... acres, 2012	2012	1,650	16	(D)	892	-	(D)
	2007	2,554	-	(D)	1,622	(D)	-
Diseases in crops and orchards .....	farms, 2012	50	8	4	8	9	6
	2007	27	6	7	5	16	6
..... acres, 2012	2012	1,957	20	(D)	624	259	(D)
	2007	473	7	39	1,030	89	194
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
..... farms, 2012	2012	46	2	1	2	7	3
	2007	32	3	3	-	4	2
..... acres on which used, 2012	2012	2,691	(D)	(D)	(D)	42	26
	2007	2,063	3	22	-	(D)	(D)
Item	Rappahannock	Richmond	Roanoke	Rockbridge	Rockingham	Russell	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2012	98	58	100	286	805	433
	2007	143	88	152	331	787	525
..... acres treated, 2012	2012	4,463	18,094	2,421	21,300	69,193	20,404
	2007	8,979	23,307	4,311	26,491	73,018	21,235
Cropland fertilized, except cropland pasture .....	farms, 2012	74	53	77	225	686	357
	2007	114	73	95	244	655	420
..... acres treated, 2012	2012	2,997	17,691	1,820	14,078	56,270	10,740
	2007	5,858	22,588	2,456	14,569	58,787	11,739
Pastureland and rangeland fertilized .....	farms, 2012	31	13	37	116	287	157
	2007	53	29	86	172	317	205
..... acres treated, 2012	2012	1,466	403	601	7,222	12,923	9,664
	2007	3,121	719	1,855	11,922	14,231	9,496
Manure .....	farms, 2012	41	7	14	152	753	71
	2007	37	16	34	159	779	79
..... acres treated, 2012	2012	1,106	299	238	9,220	61,599	2,062
	2007	1,706	441	569	9,421	60,275	1,882
Acres treated to control--							
Insects .....	farms, 2012	47	34	34	53	360	23
	2007	39	44	40	33	327	44
..... acres, 2012	2012	496	11,489	308	2,488	24,589	457
	2007	1,129	12,904	474	2,274	29,428	3,546
Weeds, grass, or brush .....	farms, 2012	74	59	46	215	770	261
	2007	78	62	67	200	673	242
..... acres, 2012	2012	3,356	20,170	819	12,572	62,297	13,619
	2007	2,766	19,656	1,312	9,431	55,682	9,690
Nematodes .....	farms, 2012	4	1	5	4	38	3
	2007	7	6	5	2	37	3
..... acres, 2012	2012	49	(D)	37	(D)	3,147	26
	2007	352	2,124	35	(D)	3,108	(D)
Diseases in crops and orchards .....	farms, 2012	42	13	18	28	83	7
	2007	30	16	15	8	41	11
..... acres, 2012	2012	416	2,235	98	664	2,098	16
	2007	345	480	98	145	1,963	107
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
..... farms, 2012	2012	15	3	6	5	19	6
	2007	16	3	7	6	23	6
..... acres on which used, 2012	2012	204	(D)	66	49	745	20
	2007	246	101	56	(D)	2,418	35

--continued

**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Scott	Shenandoah	Smyth	Southampton	Spotsylvania	Stafford
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	497	376	367	193	144	82
.....farms, 2007	683	423	371	206	187	108
.....acres treated, 2012	16,392	30,182	26,272	80,828	10,570	3,761
.....acres treated, 2007	24,244	31,362	20,275	73,800	17,464	6,976
Cropland fertilized, except cropland pasture .....farms, 2012	406	315	284	177	104	56
.....farms, 2007	533	325	275	171	143	72
.....acres treated, 2012	10,295	24,081	14,970	78,985	8,611	3,034
.....acres treated, 2007	12,516	23,621	11,550	72,108	13,853	5,601
Pastureland and rangeland fertilized .....farms, 2012	209	138	185	37	73	51
.....farms, 2007	382	167	193	61	92	62
.....acres treated, 2012	6,097	6,101	11,302	1,843	1,959	727
.....acres treated, 2007	11,728	7,741	8,725	1,692	3,611	1,375
Manure .....farms, 2012	86	263	82	11	70	49
.....farms, 2007	100	353	76	19	82	48
.....acres treated, 2012	1,922	16,045	3,379	700	4,251	520
.....acres treated, 2007	1,545	26,657	4,287	1,300	4,374	984
Acres treated to control--						
Insects .....farms, 2012	81	105	35	156	42	17
.....farms, 2007	90	90	49	134	26	9
.....acres, 2012	1,014	6,620	1,460	67,377	3,234	105
.....acres, 2007	1,230	10,260	1,748	57,109	860	342
Weeds, grass, or brush .....farms, 2012	301	311	252	195	90	43
.....farms, 2007	301	275	177	155	67	58
.....acres, 2012	7,399	22,012	24,598	84,208	8,772	1,262
.....acres, 2007	6,463	20,889	10,116	67,387	5,463	3,849
Nematodes .....farms, 2012	10	8	1	58	2	4
.....farms, 2007	2	7	3	64	4	4
.....acres, 2012	320	324	(D)	21,873	(D)	34
.....acres, 2007	(D)	734	(D)	14,835	41	(D)
Diseases in crops and orchards .....farms, 2012	18	26	10	59	7	6
.....farms, 2007	31	14	8	50	6	7
.....acres, 2012	322	1,560	(D)	17,728	273	40
.....acres, 2007	102	(D)	66	8,085	64	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	18	6	3	98	5	5
.....farms, 2007	9	11	7	66	-	8
.....acres on which used, 2012	408	(D)	(D)	34,093	73	15
.....acres on which used, 2007	33	(D)	59	19,527	-	70
Item	Surry	Sussex	Tazewell	Warren	Washington	Westmoreland
Commercial fertilizer, lime, and soil conditioners .....farms, 2012	73	68	226	94	616	103
.....farms, 2007	80	90	255	128	756	111
.....acres treated, 2012	21,688	27,658	14,805	4,136	32,331	31,525
.....acres treated, 2007	24,588	33,501	13,354	5,685	36,273	41,154
Cropland fertilized, except cropland pasture .....farms, 2012	65	63	160	63	469	97
.....farms, 2007	69	85	185	83	559	108
.....acres treated, 2012	21,333	27,400	9,728	2,845	19,724	31,000
.....acres treated, 2007	24,302	32,310	8,581	3,253	22,000	40,177
Pastureland and rangeland fertilized .....farms, 2012	20	8	115	37	303	15
.....farms, 2007	15	17	123	62	399	12
.....acres treated, 2012	355	258	5,077	1,291	12,607	525
.....acres treated, 2007	286	1,191	4,773	2,432	14,273	977
Manure .....farms, 2012	19	6	40	50	155	14
.....farms, 2007	11	11	50	51	180	15
.....acres treated, 2012	391	61	3,775	2,516	5,068	436
.....acres treated, 2007	117	(D)	1,791	1,976	5,343	899
Acres treated to control--						
Insects .....farms, 2012	51	47	23	22	106	69
.....farms, 2007	36	49	14	19	110	68
.....acres, 2012	20,845	19,212	310	108	2,971	25,642
.....acres, 2007	16,864	18,656	163	730	4,469	24,704
Weeds, grass, or brush .....farms, 2012	74	65	146	65	384	104
.....farms, 2007	58	60	123	60	404	96
.....acres, 2012	29,664	29,463	7,270	1,408	19,068	33,342
.....acres, 2007	20,606	29,711	4,839	2,958	12,925	38,597
Nematodes .....farms, 2012	15	23	6	-	9	14
.....farms, 2007	15	16	-	-	9	10
.....acres, 2012	2,933	6,015	12	-	286	551
.....acres, 2007	2,771	4,102	-	-	535	1,110
Diseases in crops and orchards .....farms, 2012	19	18	6	12	48	43
.....farms, 2007	13	19	-	6	37	26
.....acres, 2012	10,550	3,848	12	62	237	10,118
.....acres, 2007	1,639	5,744	-	(D)	369	7,370
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2012	4	13	5	4	11	10
.....farms, 2007	9	7	1	4	18	6
.....acres on which used, 2012	1,540	4,721	120	51	30	225
.....acres on which used, 2007	1,908	2,127	(D)	12	88	276

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**Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Wise	Wythe	York	Chesapeake City	Suffolk	Virginia Beach City
Commercial fertilizer, lime, and soil conditioners ..... farms, 2012	49	463	16	117	133	78
..... 2007	79	497	7	139	147	92
..... acres treated, 2012	1,058	32,182	(D)	25,134	43,982	16,961
..... 2007	2,029	35,321	54	37,931	49,102	19,887
Cropland fertilized, except cropland pasture ..... farms, 2012	34	365	14	95	105	66
..... 2007	54	399	7	113	114	68
..... acres treated, 2012	712	21,804	(D)	24,945	43,290	16,545
..... 2007	1,309	20,531	54	37,066	47,796	19,529
Pastureland and rangeland fertilized ..... farms, 2012	21	207	2	28	36	20
..... 2007	37	237	-	38	50	27
..... acres treated, 2012	346	10,378	(D)	189	692	416
..... 2007	720	14,790	-	865	1,306	358
Manure ..... farms, 2012	17	101	10	38	39	22
..... 2007	24	120	-	53	29	27
..... acres treated, 2012	279	4,930	82	582	864	1,003
..... 2007	470	4,613	-	1,270	894	258
Acres treated to control--						
Insects ..... farms, 2012	15	70	5	70	90	49
..... 2007	11	60	4	57	100	57
..... acres, 2012	110	3,837	30	21,010	30,709	16,773
..... 2007	97	3,640	34	15,527	39,586	13,941
Weeds, grass, or brush ..... farms, 2012	34	274	16	116	136	72
..... 2007	32	261	3	96	123	67
..... acres, 2012	620	12,866	143	33,654	46,780	20,128
..... 2007	431	9,322	(D)	29,037	42,922	18,245
Nematodes ..... farms, 2012	2	14	-	9	23	14
..... 2007	-	3	1	9	29	1
..... acres, 2012	(D)	578	-	3,528	11,647	2,300
..... 2007	-	62	(D)	(D)	11,016	(D)
Diseases in crops and orchards ..... farms, 2012	7	19	4	22	41	31
..... 2007	5	17	-	11	27	17
..... acres, 2012	15	437	13	8,492	12,230	6,793
..... 2007	36	110	-	111	5,945	1,514
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2012	4	3	1	3	36	1
..... 2007	-	8	-	3	24	8
..... acres on which used, 2012	4	60	(D)	(D)	14,575	(D)
..... 2007	-	86	-	(D)	8,519	1,095