

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Virginia	Accomack	Albemarle	Alleghany	Amelia	Amherst	Appomattox
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	22,563	117	382	87	197	209	193
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	2,264,507	52,323	23,814	2,965	21,281	13,898	21,417
.....acres treated, 2002	2,328,792	52,368	28,886	4,036	22,557	11,729	31,109
Cropland fertilized, except cropland pasturedfarms, 2007	16,694	110	232	74	155	166	161
.....farms, 2002	20,626	158	295	85	176	175	159
.....acres treated, 2007	1,704,169	51,702	14,953	2,084	16,367	9,230	13,377
.....acres treated, 2002	1,742,799	52,197	18,981	2,980	16,431	7,694	15,774
Pastureland and rangeland fertilizedfarms, 2007	11,602	14	226	44	94	98	114
.....farms, 2002	12,991	17	190	48	128	123	181
.....acres treated, 2007	560,338	621	8,861	881	4,914	4,668	8,040
.....acres treated, 2002	585,993	171	9,905	1,056	6,126	4,035	15,335
Manure ¹farms, 2007	7,009	42	110	30	101	49	28
.....farms, 2002	7,317	56	107	29	126	80	26
.....acres treated, 2007	388,988	13,205	4,766	1,051	7,421	2,799	1,672
.....acres treated, 2002	382,194	12,058	3,818	626	8,791	3,451	1,492
Chemicals used to control- ¹							
Insectsfarms, 2007	4,711	71	49	5	32	19	21
.....farms, 2002	6,133	98	83	6	58	7	4
.....acres treated, 2007	748,282	36,003	5,034	506	4,639	999	307
.....acres treated, 2002	701,322	24,859	4,107	630	2,995	225	674
Weeds, grass, or brushfarms, 2007	10,790	103	128	37	109	58	62
.....farms, 2002	12,199	160	150	35	102	133	46
.....acres treated, 2007	1,242,555	47,989	6,195	1,218	13,031	2,327	2,733
.....acres treated, 2002	1,211,547	60,233	5,737	953	10,154	2,068	1,505
Nematodesfarms, 2007	632	4	7	2	6	3	1
.....farms, 2002	1,288	17	1	-	17	-	-
.....acres treated, 2007	101,115	(D)	62	(D)	232	(D)	(D)
.....acres treated, 2002	129,411	1,987	(D)	-	248	-	-
Diseases in crops and orchardsfarms, 2007	1,366	21	29	-	6	12	7
.....farms, 2002	2,280	40	68	4	17	9	1
.....acres treated, 2007	128,557	8,283	1,336	-	119	175	31
.....acres treated, 2002	155,107	7,316	2,177	72	325	90	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	730	10	5	4	4	5	4
.....farms, 2002	866	11	13	-	1	-	8
.....acres treated, 2007	79,628	2,073	(D)	76	(D)	158	186
.....acres treated, 2002	93,380	1,104	1,186	-	(D)	-	48
Item	Arlington	Augusta	Bath	Bedford	Bland	Botetourt	Brunswick
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	-	798	50	776	223	281	139
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	-	75,091	5,938	56,810	10,721	16,315	15,846
.....acres treated, 2002	-	69,206	7,182	56,212	13,518	27,514	12,717
Cropland fertilized, except cropland pasturedfarms, 2007	-	625	36	607	169	194	103
.....farms, 2002	-	584	38	626	206	284	142
.....acres treated, 2007	-	56,020	3,282	32,391	6,027	10,233	12,478
.....acres treated, 2002	-	42,760	2,927	36,148	8,248	16,022	9,956
Pastureland and rangeland fertilizedfarms, 2007	-	364	19	429	112	156	67
.....farms, 2002	-	393	38	437	140	180	84
.....acres treated, 2007	-	19,071	2,656	24,419	4,694	6,082	3,368
.....acres treated, 2002	-	26,446	4,255	20,064	5,270	11,492	2,761
Manure ¹farms, 2007	-	520	23	158	26	88	24
.....farms, 2002	-	514	14	127	31	146	10
.....acres treated, 2007	-	42,563	1,508	7,879	609	3,311	968
.....acres treated, 2002	-	39,426	701	5,241	1,225	3,806	566
Chemicals used to control- ¹							
Insectsfarms, 2007	1	154	11	70	13	32	37
.....farms, 2002	-	161	10	76	6	34	56
.....acres treated, 2007	(D)	22,824	1,473	2,654	290	3,292	4,181
.....acres treated, 2002	-	15,309	86	6,471	1,142	13,696	3,451
Weeds, grass, or brushfarms, 2007	1	417	19	223	86	155	54
.....farms, 2002	-	409	15	245	122	213	86
.....acres treated, 2007	(D)	43,271	1,735	7,548	3,329	6,573	8,780
.....acres treated, 2002	-	31,365	256	7,341	4,239	19,219	6,438
Nematodesfarms, 2007	-	7	2	15	1	1	20
.....farms, 2002	-	49	1	10	-	-	34
.....acres treated, 2007	-	859	(D)	1,093	(D)	(D)	1,551
.....acres treated, 2002	-	808	(D)	1,040	(D)	-	1,094
Diseases in crops and orchardsfarms, 2007	1	31	2	29	-	7	2
.....farms, 2002	-	21	7	18	-	23	19
.....acres treated, 2007	(D)	2,118	(D)	855	-	133	(D)
.....acres treated, 2002	-	989	35	123	-	806	1,591
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	-	15	-	16	-	3	13
.....farms, 2002	-	5	-	5	-	12	10
.....acres treated, 2007	-	1,059	-	327	-	(D)	929
.....acres treated, 2002	-	94	-	70	-	615	359

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Buchanan	Buckingham	Campbell	Caroline	Carroll	Charles City	Charlotte
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	38	196	402	132	614	37	288
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	636	14,241	41,880	30,789	36,087	15,399	22,843
..... 2002	760	17,885	28,392	38,491	47,572	17,535	28,960
Cropland fertilized, except cropland pastured farms, 2007	24	112	316	76	382	26	218
..... 2002	53	131	339	100	552	34	340
..... acres treated, 2007	437	7,791	24,046	28,958	16,510	15,159	14,201
..... 2002	563	7,514	17,753	36,133	21,568	17,273	19,104
Pastureland and rangeland fertilized farms, 2007	16	133	236	82	426	14	161
..... 2002	20	177	195	74	538	13	197
..... acres treated, 2007	199	6,450	17,834	1,831	19,577	240	8,642
..... 2002	197	10,371	10,639	2,358	26,004	262	9,856
Manure ¹ farms, 2007	7	66	90	58	79	11	61
..... 2002	13	103	98	42	101	12	61
..... acres treated, 2007	44	3,987	4,729	2,563	2,098	138	2,270
..... 2002	98	4,317	6,002	911	3,149	532	3,420
Chemicals used to control- ¹							
Insects farms, 2007	2	23	44	42	90	18	60
..... 2002	6	8	100	62	76	22	83
..... acres treated, 2007	(D)	1,067	2,949	20,996	2,715	9,256	3,286
..... 2002	20	262	1,531	17,283	1,863	9,746	2,430
Weeds, grass, or brush farms, 2007	17	49	137	80	187	24	94
..... 2002	11	46	119	79	174	34	125
..... acres treated, 2007	199	2,429	7,118	29,719	5,829	11,801	6,031
..... 2002	153	2,210	4,820	37,876	6,359	15,231	6,641
Nematodes farms, 2007	-	-	1	6	6	1	6
..... 2002	-	-	10	10	11	-	4
..... acres treated, 2007	-	-	(D)	(D)	89	(D)	326
..... 2002	-	-	19	5,171	430	-	270
Diseases in crops and orchards farms, 2007	1	4	15	15	33	6	8
..... 2002	8	-	-	15	36	11	3
..... acres treated, 2007	(D)	13	180	7,480	892	843	(D)
..... 2002	27	-	-	11,684	779	981	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	1	2	10	2	14	2	7
..... 2002	8	-	10	-	25	6	27
..... acres treated, 2007	(D)	(D)	191	(D)	335	(D)	224
..... 2002	16	-	38	-	306	1,825	437
Item	Chesterfield	Clarke	Craig	Culpeper	Cumberland	Dickenson	Dinwiddie
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	78	157	99	296	122	66	186
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	4,183	14,118	6,409	34,162	9,345	1,547	29,255
..... 2002	3,999	21,803	7,971	38,441	12,725	2,480	24,519
Cropland fertilized, except cropland pastured farms, 2007	59	106	77	213	89	35	121
..... 2002	80	129	95	199	94	44	136
..... acres treated, 2007	3,289	11,631	3,998	26,065	5,277	597	25,672
..... 2002	3,082	15,640	5,211	30,063	5,087	946	22,518
Pastureland and rangeland fertilized farms, 2007	32	72	41	146	70	50	103
..... 2002	57	98	70	182	64	54	78
..... acres treated, 2007	894	2,487	2,411	8,097	4,068	950	3,583
..... 2002	917	6,163	2,760	8,378	7,638	1,534	2,001
Manure ¹ farms, 2007	24	79	18	130	69	19	30
..... 2002	61	137	19	89	72	13	51
..... acres treated, 2007	597	4,702	646	9,733	4,715	176	825
..... 2002	1,382	5,753	418	4,193	8,302	121	2,216
Chemicals used to control- ¹							
Insects farms, 2007	10	40	16	56	15	8	47
..... 2002	35	47	6	55	17	16	92
..... acres treated, 2007	842	7,450	389	7,784	1,197	31	15,407
..... 2002	1,137	5,923	365	4,776	1,020	31	13,553
Weeds, grass, or brush farms, 2007	38	106	39	147	59	37	101
..... 2002	83	115	46	273	42	39	120
..... acres treated, 2007	3,431	9,767	900	17,707	2,685	468	22,315
..... 2002	3,269	8,452	1,178	21,467	2,308	627	19,371
Nematodes farms, 2007	1	2	4	2	-	-	19
..... 2002	12	-	2	1	7	2	41
..... acres treated, 2007	(D)	(D)	13	(D)	-	-	1,034
..... 2002	119	-	(D)	(D)	162	(D)	4,761
Diseases in crops and orchards farms, 2007	3	10	6	16	7	6	12
..... 2002	19	22	-	4	4	7	26
..... acres treated, 2007	148	1,798	24	276	(D)	8	2,933
..... 2002	350	1,759	-	105	138	22	2,652
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	3	7	2	2	2	2	8
..... 2002	5	16	-	2	4	2	11
..... acres treated, 2007	144	1,096	(D)	(D)	(D)	(D)	1,754
..... 2002	93	1,137	-	(D)	27	(D)	3,673

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Essex	Fairfax	Fauquier	Floyd	Fluvanna	Franklin	Frederick
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	49	76	475	492	162	634	250
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	33,187	1,134	57,754	35,154	10,810	57,897	17,804
.....acres treated, 2002	29,352	844	47,767	25,813	12,095	47,453	18,992
Cropland fertilized, except cropland pastured.....farms, 2007	42	34	279	391	104	472	192
.....farms, 2002	59	40	324	381	133	470	199
.....acres treated, 2007	33,006	832	33,061	21,383	6,605	36,614	13,085
.....acres treated, 2002	28,944	646	35,331	14,551	8,135	30,320	14,425
Pastureland and rangeland fertilized.....farms, 2007	9	43	301	271	101	432	99
.....farms, 2002	17	23	348	280	75	441	114
.....acres treated, 2007	181	302	24,693	13,771	4,205	21,283	4,719
.....acres treated, 2002	408	198	12,436	11,262	3,960	17,133	4,567
Manure ¹farms, 2007	6	33	199	81	63	172	109
.....farms, 2002	7	35	111	44	51	189	53
.....acres treated, 2007	937	180	9,606	4,913	1,864	12,589	5,743
.....acres treated, 2002	1,392	415	10,451	2,703	3,402	12,775	3,224
Chemicals used to control- ¹							
Insects.....farms, 2007	27	19	108	51	12	105	80
.....farms, 2002	43	17	87	34	15	111	91
.....acres treated, 2007	25,322	135	15,218	1,832	1,943	9,877	8,312
.....acres treated, 2002	18,285	107	12,248	2,928	1,476	9,664	9,967
Weeds, grass, or brush.....farms, 2007	37	38	250	141	59	219	119
.....farms, 2002	52	36	254	125	18	194	97
.....acres treated, 2007	31,952	570	29,557	3,991	2,783	18,838	9,512
.....acres treated, 2002	24,823	389	22,916	8,110	1,796	12,505	8,092
Nematodes.....farms, 2007	1	7	5	2	-	12	4
.....farms, 2002	4	-	3	1	-	8	1
.....acres treated, 2007	(D)	334	35	(D)	-	1,239	(D)
.....acres treated, 2002	262	-	658	(D)	-	1,793	(D)
Diseases in crops and orchards.....farms, 2007	5	8	53	17	-	24	33
.....farms, 2002	10	13	40	20	6	2	37
.....acres treated, 2007	6,102	332	663	280	-	1,055	7,026
.....acres treated, 2002	2,306	22	1,653	364	180	(D)	9,072
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	-	3	23	11	-	11	25
.....farms, 2002	1	1	1	-	-	3	20
.....acres treated, 2007	-	7	435	317	-	380	4,213
.....acres treated, 2002	(D)	(D)	(D)	-	-	154	4,276

Item	Giles	Gloucester	Goochland	Grayson	Greene	Greensville	Halifax	Hanover
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	169	80	141	466	100	72	458	328
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	8,701	14,587	16,711	27,212	5,532	22,156	32,723	47,149
.....acres treated, 2002	11,697	13,182	22,338	32,196	5,742	18,282	38,616	51,196
Cropland fertilized, except cropland pastured.....farms, 2007	114	47	85	335	71	63	355	225
.....farms, 2002	155	69	101	484	77	66	571	264
.....acres treated, 2007	4,863	14,175	13,705	14,047	3,827	21,941	19,449	40,683
.....acres treated, 2002	6,393	12,828	11,327	14,362	3,541	17,494	24,382	47,025
Pastureland and rangeland fertilized.....farms, 2007	98	42	89	255	45	17	245	165
.....farms, 2002	122	19	119	347	60	28	330	147
.....acres treated, 2007	3,838	412	3,006	13,165	1,705	215	13,274	6,466
.....acres treated, 2002	5,304	354	11,011	17,834	2,201	788	14,234	4,171
Manure ¹farms, 2007	32	22	57	67	48	7	67	84
.....farms, 2002	58	19	51	112	52	10	131	85
.....acres treated, 2007	754	240	2,866	3,030	4,711	164	2,103	3,382
.....acres treated, 2002	1,554	198	2,495	3,367	4,165	2,433	5,283	2,250
Chemicals used to control- ¹								
Insects.....farms, 2007	17	44	27	83	15	39	106	92
.....farms, 2002	30	31	6	125	7	50	207	125
.....acres treated, 2007	647	8,870	4,688	3,412	417	13,787	4,463	20,965
.....acres treated, 2002	347	8,269	6,756	1,962	(D)	14,532	4,709	23,806
Weeds, grass, or brush.....farms, 2007	111	53	71	184	32	54	185	165
.....farms, 2002	88	60	35	181	39	68	210	199
.....acres treated, 2007	4,530	13,151	11,030	6,930	1,085	15,641	8,932	34,849
.....acres treated, 2002	2,643	13,551	6,851	5,825	801	16,452	7,927	36,330
Nematodes.....farms, 2007	1	3	1	9	4	12	22	8
.....farms, 2002	-	2	1	-	3	28	127	7
.....acres treated, 2007	(D)	84	(D)	176	(D)	4,940	444	1,587
.....acres treated, 2002	-	(D)	(D)	-	12	5,191	2,146	1,260
Diseases in crops and orchards.....farms, 2007	7	7	3	22	9	9	28	25
.....farms, 2002	20	8	3	58	5	19	73	33
.....acres treated, 2007	117	(D)	(D)	1,030	47	2,380	640	4,045
.....acres treated, 2002	40	30	241	953	38	5,110	1,882	4,541
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	1	2	3	2	2	12	21	13
.....farms, 2002	7	5	8	5	-	20	22	1
.....acres treated, 2007	(D)	(D)	(D)	(D)	(D)	5,229	596	217
.....acres treated, 2002	35	377	40	10	-	6,283	655	(D)

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Henrico	Henry	Highland	Isle of Wight	James City	King and Queen	King George	King William
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	77	187	70	131	44	100	92	78
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	9,221	10,886	4,505	45,974	2,220	26,513	9,539	22,225
..... 2002	9,502	13,705	2,933	44,428	3,833	23,930	9,306	32,075
Cropland fertilized, except cropland pastured farms, 2007	49	121	36	104	25	79	76	60
..... 2002	72	102	37	125	24	79	73	74
..... acres treated, 2007	8,657	5,247	1,609	44,225	1,886	25,967	8,418	21,500
..... 2002	8,953	5,446	1,653	42,847	3,547	23,194	8,682	30,699
Pastureland and rangeland fertilized farms, 2007	34	145	44	49	23	33	30	27
..... 2002	40	111	30	26	27	29	29	50
..... acres treated, 2007	564	5,639	2,896	1,749	334	546	1,121	725
..... 2002	549	8,259	1,280	1,581	286	736	624	1,376
Manure ¹ farms, 2007	21	36	70	24	15	15	18	14
..... 2002	17	36	48	28	11	21	10	28
..... acres treated, 2007	401	562	3,721	679	55	534	670	530
..... 2002	325	591	2,381	1,685	(D)	1,148	1,036	1,178
Chemicals used to control- ¹								
Insects farms, 2007	27	30	9	70	12	42	18	29
..... 2002	34	5	3	107	12	47	23	47
..... acres treated, 2007	7,662	303	115	33,220	1,538	13,727	3,280	9,967
..... 2002	3,571	120	89	38,724	(D)	14,934	2,597	19,288
Weeds, grass, or brush farms, 2007	38	54	42	81	23	82	36	42
..... 2002	51	34	39	112	22	67	49	80
..... acres treated, 2007	8,339	1,155	1,583	33,751	1,545	25,827	5,506	19,258
..... 2002	9,768	873	1,487	44,243	2,913	26,684	6,146	26,718
Nematodes farms, 2007	5	-	1	25	-	1	1	4
..... 2002	-	-	1	79	2	7	3	4
..... acres treated, 2007	(D)	-	(D)	10,329	-	(D)	(D)	(D)
..... 2002	-	-	(D)	14,704	(D)	1,700	225	2,933
Diseases in crops and orchards farms, 2007	13	10	-	11	6	12	7	5
..... 2002	13	2	-	46	8	6	13	13
..... acres treated, 2007	1,288	104	-	1,591	71	1,507	(D)	(D)
..... 2002	1,361	(D)	-	9,495	122	1,524	252	1,758
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	7	4	-	29	-	-	-	2
..... 2002	2	-	-	52	-	-	3	2
..... acres treated, 2007	122	(D)	-	11,535	-	-	-	(D)
..... 2002	(D)	-	-	11,011	-	-	(D)	(D)
Item	Lancaster	Lee	Loudoun	Louisa	Lunenburg	Madison	Mathews	Mecklenburg
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	42	579	427	234	176	258	32	335
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	8,634	25,972	33,109	17,625	16,947	30,641	2,683	46,838
..... 2002	7,125	24,321	32,158	16,762	22,612	37,863	3,751	32,969
Cropland fertilized, except cropland pastured farms, 2007	33	475	256	177	134	177	27	257
..... 2002	34	704	236	212	219	255	26	258
..... acres treated, 2007	8,461	13,915	24,796	11,577	9,643	20,988	2,510	30,276
..... 2002	7,065	14,800	26,033	11,432	12,469	20,615	3,554	21,034
Pastureland and rangeland fertilized farms, 2007	11	310	210	120	101	153	9	207
..... 2002	5	371	200	123	153	199	6	149
..... acres treated, 2007	173	12,057	8,313	6,048	7,304	9,653	173	16,562
..... 2002	60	9,521	6,125	5,330	10,143	17,248	197	11,335
Manure ¹ farms, 2007	9	115	703	79	30	81	7	61
..... 2002	6	73	305	50	33	63	6	43
..... acres treated, 2007	677	1,744	5,414	2,548	1,631	5,893	(D)	2,696
..... 2002	45	1,541	7,993	1,333	2,289	5,633	63	1,829
Chemicals used to control- ¹								
Insects farms, 2007	27	64	113	31	39	44	7	76
..... 2002	17	87	179	84	71	55	12	117
..... acres treated, 2007	5,613	1,363	6,637	1,705	2,870	7,459	1,004	7,335
..... 2002	3,872	445	9,136	3,092	3,859	3,784	1,701	6,063
Weeds, grass, or brush farms, 2007	33	246	247	94	57	116	17	122
..... 2002	27	404	335	118	64	104	16	137
..... acres treated, 2007	8,970	5,670	17,681	5,732	3,260	16,309	2,490	12,500
..... 2002	6,440	7,209	20,457	7,771	6,821	10,349	3,724	11,178
Nematodes farms, 2007	6	3	12	-	9	9	-	27
..... 2002	-	-	9	-	6	4	3	78
..... acres treated, 2007	123	15	77	-	309	3,023	-	2,011
..... 2002	-	-	49	6	1,588	251	22	2,341
Diseases in crops and orchards farms, 2007	12	12	53	5	4	19	2	11
..... 2002	2	42	150	29	29	22	5	23
..... acres treated, 2007	2,478	386	733	(D)	24	1,418	(D)	616
..... 2002	(D)	443	1,451	355	1,108	469	251	1,534
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	-	12	26	5	12	2	1	11
..... 2002	1	19	48	-	5	19	-	9
..... acres treated, 2007	-	49	263	124	731	(D)	(D)	570
..... 2002	(D)	51	98	-	313	311	-	478

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Middlesex	Montgomery	Nelson	New Kent	Northampton	Northumberland	Nottoway	Orange
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	44	288	186	82	90	80	194	209
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	12,422	20,019	12,039	11,464	51,704	30,991	15,487	29,195
.....acres treated, 2002	13,120	19,506	15,544	11,091	34,530	29,755	11,286	27,909
Cropland fertilized, except cropland pasturedfarms, 2007	43	217	140	37	90	78	127	154
.....farms, 2002	42	295	190	47	118	101	163	179
.....acres treated, 2007	11,985	12,449	8,220	10,537	51,690	30,905	8,994	20,173
.....acres treated, 2002	12,669	12,544	10,369	10,668	34,475	29,379	6,179	20,446
Pastureland and rangeland fertilizedfarms, 2007	11	145	79	55	4	7	128	108
.....farms, 2002	15	175	137	26	6	16	107	117
.....acres treated, 2007	437	7,570	3,819	927	14	86	6,493	9,022
.....acres treated, 2002	451	6,962	5,175	423	55	376	5,107	7,463
Manure ¹farms, 2007	6	78	38	38	8	15	60	82
.....farms, 2002	13	62	70	15	13	14	87	97
.....acres treated, 2007	167	2,698	1,701	483	641	1,501	2,777	5,490
.....acres treated, 2002	189	3,979	2,454	282	1,917	396	3,275	5,558
Chemicals used to control- ¹								
Insectsfarms, 2007	19	32	44	13	66	58	32	56
.....farms, 2002	23	25	15	25	63	74	29	77
.....acres treated, 2007	8,392	2,058	1,832	6,826	25,165	24,990	926	6,056
.....acres treated, 2002	8,538	2,344	1,198	5,256	19,279	18,641	692	3,870
Weeds, grass, or brushfarms, 2007	38	132	86	41	80	73	77	86
.....farms, 2002	37	143	62	48	84	89	65	96
.....acres treated, 2007	11,726	6,133	3,309	9,534	46,869	32,221	3,486	13,032
.....acres treated, 2002	12,975	5,282	2,642	8,976	31,225	25,932	3,084	11,830
Nematodesfarms, 2007	3	2	-	2	6	5	1	17
.....farms, 2002	-	2	-	2	10	-	9	2
.....acres treated, 2007	225	(D)	-	(D)	927	1,290	(D)	544
.....acres treated, 2002	-	(D)	-	(D)	4,859	-	233	(D)
Diseases in crops and orchardsfarms, 2007	9	11	29	5	39	18	4	18
.....farms, 2002	7	7	21	5	35	16	9	27
.....acres treated, 2007	1,478	(D)	1,280	131	12,155	6,362	17	1,320
.....acres treated, 2002	410	162	1,133	(D)	8,128	2,931	37	386
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	2	2	7	-	11	-	5	10
.....farms, 2002	-	-	4	-	9	-	-	23
.....acres treated, 2007	(D)	(D)	470	-	1,623	-	21	139
.....acres treated, 2002	-	-	602	-	1,748	-	-	401
Item	Page	Patrick	Pittsylvania	Powhatan	Prince Edward	Prince George	Prince William	Pulaski
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	160	393	804	97	179	89	130	176
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	13,945	21,977	71,953	5,330	16,473	16,964	10,698	14,149
.....acres treated, 2002	8,603	30,183	73,131	10,819	16,442	17,568	11,517	17,542
Cropland fertilized, except cropland pasturedfarms, 2007	126	276	574	45	132	68	87	134
.....farms, 2002	136	364	742	72	173	91	87	189
.....acres treated, 2007	10,486	11,853	40,446	3,552	7,943	16,347	8,878	8,831
.....acres treated, 2002	4,425	15,523	43,860	7,964	11,042	16,488	8,024	10,397
Pastureland and rangeland fertilizedfarms, 2007	67	261	500	62	113	34	34	92
.....farms, 2002	90	283	475	49	90	42	98	143
.....acres treated, 2007	3,459	10,124	31,507	1,778	8,530	617	1,820	5,318
.....acres treated, 2002	4,178	14,660	29,271	2,855	5,400	1,080	3,493	7,145
Manure ¹farms, 2007	179	47	128	44	53	14	53	28
.....farms, 2002	142	78	81	42	47	16	109	30
.....acres treated, 2007	15,339	1,652	9,994	1,566	2,499	249	1,269	2,613
.....acres treated, 2002	10,199	2,674	5,404	2,248	2,853	111	1,388	1,791
Chemicals used to control- ¹								
Insectsfarms, 2007	47	65	190	18	37	34	29	12
.....farms, 2002	52	82	269	21	41	43	15	19
.....acres treated, 2007	4,803	3,769	11,913	668	1,119	8,222	1,232	1,335
.....acres treated, 2002	1,050	3,320	13,625	1,228	1,419	7,002	764	1,777
Weeds, grass, or brushfarms, 2007	130	116	268	38	67	63	53	89
.....farms, 2002	135	143	371	45	43	75	73	122
.....acres treated, 2007	10,756	4,531	18,684	2,442	3,902	14,480	6,347	4,739
.....acres treated, 2002	6,823	4,401	19,279	3,647	1,326	15,235	5,688	5,438
Nematodesfarms, 2007	2	7	27	-	1	10	1	-
.....farms, 2002	4	24	72	4	12	6	1	9
.....acres treated, 2007	(D)	231	2,554	-	(D)	1,622	(D)	-
.....acres treated, 2002	88	559	2,085	11	68	536	(D)	270
Diseases in crops and orchardsfarms, 2007	2	28	27	6	7	5	16	6
.....farms, 2002	1	62	57	9	19	16	5	9
.....acres treated, 2007	(D)	931	473	7	39	1,030	89	194
.....acres treated, 2002	(D)	1,574	1,295	14	82	2,619	5	270
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	-	16	32	3	3	-	4	2
.....farms, 2002	-	36	63	10	1	2	-	-
.....acres treated, 2007	-	168	2,063	3	22	-	(D)	(D)
.....acres treated, 2002	-	832	1,124	104	(D)	(D)	-	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Rappahan- nock	Richmond	Roanoke	Rockbridge	Rockingham	Russell	Scott	Shenandoah
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	143	88	152	331	787	525	683	423
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	8,979	23,307	4,311	26,491	73,018	21,235	24,244	31,362
..... 2002	9,365	28,822	3,300	30,992	64,611	27,825	30,478	25,371
Cropland fertilized, except cropland pastured farms, 2007	114	73	95	244	655	420	533	325
..... 2002	178	92	144	286	756	646	879	295
..... acres treated, 2007	5,858	22,588	2,456	14,569	58,787	11,739	12,516	23,621
..... 2002	7,361	28,007	2,426	20,064	54,834	17,139	18,756	22,160
Pastureland and rangeland fertilized farms, 2007	53	29	86	172	317	205	382	167
..... 2002	70	12	62	141	267	308	482	164
..... acres treated, 2007	3,121	719	1,855	11,922	14,231	9,496	11,728	7,741
..... 2002	2,004	815	874	10,928	7,777	10,686	11,722	3,211
Manure ¹ farms, 2007	37	16	34	159	779	79	100	353
..... 2002	36	4	22	187	799	59	177	270
..... acres treated, 2007	1,706	441	569	9,421	60,275	1,882	1,545	26,657
..... 2002	1,246	(D)	138	10,315	65,261	933	1,409	16,739
Chemicals used to control- ¹								
Insects farms, 2007	39	44	40	33	327	44	90	90
..... 2002	49	43	59	68	419	113	202	77
..... acres treated, 2007	1,129	12,904	474	2,274	29,428	3,546	1,230	10,260
..... 2002	1,483	13,256	603	2,457	26,014	1,326	1,596	6,088
Weeds, grass, or brush farms, 2007	78	62	67	200	673	242	301	275
..... 2002	76	62	97	229	766	420	451	183
..... acres treated, 2007	2,766	19,656	1,312	9,431	55,682	9,690	6,463	20,889
..... 2002	3,860	22,966	1,284	7,267	44,657	12,090	6,767	7,310
Nematodes farms, 2007	7	6	5	2	37	3	2	7
..... 2002	7	1	-	17	81	45	23	2
..... acres treated, 2007	352	2,124	35	(D)	3,108	(D)	(D)	734
..... 2002	84	(D)	-	631	2,627	103	46	(D)
Diseases in crops and orchards farms, 2007	30	16	15	8	41	11	31	14
..... 2002	33	18	36	34	102	105	68	1
..... acres treated, 2007	345	480	98	145	1,963	107	102	(D)
..... 2002	206	2,101	488	472	2,953	352	573	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	16	3	7	6	23	6	9	11
..... 2002	14	3	-	12	20	20	23	2
..... acres treated, 2007	246	101	56	(D)	2,418	35	33	(D)
..... 2002	69	60	-	(D)	951	157	122	(D)
Item	Smyth	Southampton	Spotsylvania	Stafford	Surry	Sussex	Tazewell	Warren
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	371	206	187	108	80	90	255	128
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	20,275	73,800	17,464	6,976	24,588	33,501	13,354	5,685
..... 2002	28,642	78,255	13,249	9,348	32,137	30,433	15,208	4,708
Cropland fertilized, except cropland pastured farms, 2007	275	171	143	72	69	85	185	83
..... 2002	365	186	148	96	91	64	203	91
..... acres treated, 2007	11,550	72,108	13,853	5,601	24,302	32,310	8,581	3,253
..... 2002	14,524	75,812	11,743	7,438	31,872	29,511	10,740	2,655
Pastureland and rangeland fertilized farms, 2007	193	61	92	62	15	17	123	62
..... 2002	351	45	74	59	18	36	151	52
..... acres treated, 2007	8,725	1,692	3,611	1,375	286	1,191	4,773	2,432
..... 2002	14,118	2,443	1,506	1,910	265	922	4,468	2,053
Manure ¹ farms, 2007	76	19	82	48	11	11	50	51
..... 2002	110	36	112	58	18	9	98	55
..... acres treated, 2007	4,287	1,300	4,374	984	117	(D)	1,791	1,976
..... 2002	3,753	2,435	2,232	1,206	753	287	2,486	2,940
Chemicals used to control- ¹								
Insects farms, 2007	49	134	26	9	36	49	14	19
..... 2002	99	159	38	8	60	59	9	16
..... acres treated, 2007	1,748	57,109	860	342	16,864	18,656	163	730
..... 2002	2,391	58,147	3,516	450	19,602	22,943	720	94
Weeds, grass, or brush farms, 2007	177	155	67	58	58	60	123	60
..... 2002	200	166	81	67	81	65	113	48
..... acres treated, 2007	10,116	67,387	5,463	3,849	20,606	29,711	4,839	2,958
..... 2002	6,768	63,561	7,405	5,411	28,534	32,147	4,528	1,347
Nematodes farms, 2007	3	64	4	4	15	16	-	-
..... 2002	3	99	12	-	38	42	-	-
..... acres treated, 2007	(D)	14,835	41	(D)	2,771	4,102	-	-
..... 2002	(D)	27,063	217	-	6,645	6,864	-	-
Diseases in crops and orchards farms, 2007	8	50	6	7	13	19	-	6
..... 2002	22	70	8	1	34	34	10	1
..... acres treated, 2007	66	8,085	64	(D)	1,639	5,744	-	(D)
..... 2002	504	17,748	217	(D)	6,811	4,892	20	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	7	66	-	8	9	7	1	4
..... 2002	17	77	16	3	16	21	-	-
..... acres treated, 2007	59	19,527	-	70	1,908	2,127	(D)	12
..... 2002	(D)	25,298	427	205	2,988	4,383	-	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Washington	Westmoreland	Wise	Wythe	York	Chesapeake City	Suffolk	Virginia Beach City
Commercial fertilizer, lime, and soil conditioners ^{1 2}farms, 2007	756	111	79	497	7	139	147	92
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	36,273	41,154	2,029	35,321	54	37,931	49,102	19,887
2002	42,295	33,532	2,440	31,828	242	46,691	46,485	23,184
Cropland fertilized, except cropland pasturedfarms, 2007	559	108	54	399	7	113	114	68
2002	1,079	104	56	351	17	129	114	90
acres treated, 2007	22,000	40,177	1,309	20,531	54	37,066	47,796	19,529
2002	23,637	32,227	1,487	17,114	206	45,638	45,931	22,765
Pastureland and rangeland fertilizedfarms, 2007	399	12	37	237	-	38	50	27
2002	546	21	42	327	3	45	26	26
acres treated, 2007	14,273	977	720	14,790	-	865	1,306	358
2002	18,658	1,305	953	14,714	36	1,053	554	419
Manure ¹farms, 2007	180	15	24	120	-	53	29	27
2002	148	6	19	134	6	25	36	33
acres treated, 2007	5,343	899	470	4,613	-	1,270	894	258
2002	4,773	2,635	951	4,573	70	979	2,742	489
Chemicals used to control- ¹								
Insectsfarms, 2007	110	68	11	60	4	57	100	57
2002	300	69	7	52	13	64	107	67
acres treated, 2007	4,469	24,704	97	3,640	34	15,527	39,586	13,941
2002	3,978	11,819	70	4,453	135	21,099	37,191	9,827
Weeds, grass, or brushfarms, 2007	404	96	32	261	3	96	123	67
2002	471	97	21	223	14	110	119	71
acres treated, 2007	12,925	38,597	431	9,322	(D)	29,037	42,922	18,245
2002	12,350	31,084	747	5,796	227	33,927	46,119	20,350
Nematodesfarms, 2007	9	10	-	3	1	9	29	1
2002	43	8	-	3	2	5	48	2
acres treated, 2007	535	1,110	-	62	(D)	(D)	11,016	(D)
2002	1,216	194	-	256	(D)	(D)	17,582	(D)
Diseases in crops and orchardsfarms, 2007	37	26	5	17	-	11	27	17
2002	156	8	7	10	7	5	56	17
acres treated, 2007	369	7,370	36	110	-	111	5,945	1,514
2002	691	1,656	70	27	56	30	13,337	1,036
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	18	6	-	8	-	3	24	8
2002	11	3	-	-	2	2	31	9
acres treated, 2007	88	276	-	86	-	(D)	8,519	1,095
2002	450	229	-	-	(D)	(D)	10,613	906

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.