

Table 41. Fertilizers and Chemicals Applied: 2012 and 2007

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

Item	New York	Albany	Allegany	Bronx	Broome	Cattaraugus	Cayuga
Commercial fertilizer, lime, and soil conditioners farms, 2012	13,683	140	231	-	126	359	468
..... 2007	15,055	164	295	1	162	444	491
..... acres treated, 2012	2,174,462	7,708	27,106	-	10,082	43,561	127,604
..... 2007	2,161,648	7,824	23,997	(D)	13,831	35,315	129,625
Cropland fertilized, except cropland pasture farms, 2012	13,025	121	228	-	109	336	462
..... 2007	14,135	143	268	1	149	419	466
..... acres treated, 2012	2,132,435	7,474	26,666	-	9,509	42,033	126,907
..... 2007	2,098,639	7,235	22,084	(D)	12,961	32,853	128,349
Pastureland and rangeland fertilized farms, 2012	1,723	23	23	-	26	56	45
..... 2007	2,223	36	54	-	37	95	64
..... acres treated, 2012	42,027	234	440	-	573	1,528	697
..... 2007	63,009	589	1,913	-	870	2,462	1,276
Manure farms, 2012	8,902	83	220	-	97	284	290
..... 2007	10,380	113	281	-	156	366	316
..... acres treated, 2012	970,813	2,191	15,145	-	10,720	25,218	38,789
..... 2007	1,094,796	4,751	19,295	-	13,890	26,392	48,184
Acres treated to control--							
Insects farms, 2012	7,007	66	60	-	46	131	256
..... 2007	5,720	44	35	1	49	108	178
..... acres, 2012	823,419	1,634	7,999	-	1,534	13,865	58,686
..... 2007	685,021	1,510	2,203	(D)	2,163	9,248	40,278
Weeds, grass, or brush farms, 2012	11,942	103	183	-	89	283	438
..... 2007	9,325	88	141	-	70	227	317
..... acres, 2012	1,909,800	5,139	22,985	-	7,776	32,797	121,240
..... 2007	1,357,542	3,701	8,274	-	6,242	19,436	86,483
Nematodes farms, 2012	1,056	17	8	-	11	11	34
..... 2007	400	5	1	-	1	5	17
..... acres, 2012	81,518	626	1,441	-	95	1,510	4,078
..... 2007	42,470	268	(D)	-	(D)	(D)	3,466
Diseases in crops and orchards farms, 2012	3,141	32	13	-	23	31	81
..... 2007	2,563	20	12	1	16	28	42
..... acres, 2012	224,993	625	200	-	152	699	10,918
..... 2007	170,604	394	195	(D)	783	721	6,326
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	1,066	8	15	-	9	8	18
..... 2007	928	7	4	-	2	6	18
..... acres on which used, 2012	91,399	961	(D)	-	105	530	(D)
..... 2007	59,923	168	14	-	(D)	92	368

Item	Chautauqua	Chemung	Chenango	Clinton	Columbia	Cortland	Delaware	Dutchess
Commercial fertilizer, lime, and soil conditioners farms, 2012	708	106	270	200	179	213	179	230
..... 2007	872	142	355	228	241	195	248	218
..... acres treated, 2012	67,967	8,200	25,762	46,044	28,402	24,660	12,907	18,757
..... 2007	72,271	10,474	31,899	39,298	30,792	23,725	17,434	19,005
Cropland fertilized, except cropland pasture farms, 2012	678	97	249	194	159	196	157	191
..... 2007	828	132	339	218	230	186	232	174
..... acres treated, 2012	65,172	7,430	24,680	45,151	27,044	23,734	11,534	17,221
..... 2007	69,015	9,932	29,412	37,142	29,038	22,248	15,261	16,439
Pastureland and rangeland fertilized farms, 2012	93	25	53	28	37	35	43	57
..... 2007	102	26	66	41	36	33	57	58
..... acres treated, 2012	2,795	770	1,082	893	1,358	926	1,373	1,536
..... 2007	3,256	542	2,487	2,156	1,754	1,477	2,173	2,566
Manure farms, 2012	418	80	252	161	74	145	198	94
..... 2007	482	105	308	179	125	192	254	126
..... acres treated, 2012	38,580	4,394	24,640	33,155	8,394	17,673	20,877	5,103
..... 2007	38,254	7,093	28,645	29,605	12,688	21,230	24,957	4,907
Acres treated to control--								
Insects farms, 2012	493	45	98	82	95	69	54	116
..... 2007	585	30	69	70	86	57	43	92
..... acres, 2012	28,081	1,716	5,945	19,897	8,656	3,388	970	4,718
..... 2007	31,645	1,260	5,341	13,081	9,215	6,326	1,723	4,582
Weeds, grass, or brush farms, 2012	669	82	225	140	147	149	149	175
..... 2007	659	67	200	120	139	121	132	126
..... acres, 2012	53,641	7,002	18,545	28,661	21,293	18,046	8,128	14,111
..... 2007	42,339	5,173	15,044	19,896	19,634	12,435	7,128	10,828
Nematodes farms, 2012	53	6	18	15	16	13	14	23
..... 2007	46	-	3	7	7	4	2	5
..... acres, 2012	4,535	24	195	1,167	306	299	353	743
..... 2007	2,276	-	354	1,268	501	655	(D)	29
Diseases in crops and orchards farms, 2012	320	20	34	37	51	32	22	58
..... 2007	387	10	11	18	51	14	10	53
..... acres, 2012	18,013	595	380	2,833	3,794	753	170	1,814
..... 2007	19,412	89	176	3,412	2,725	742	72	1,002
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	68	12	12	18	29	11	8	24
..... 2007	47	1	1	14	28	5	3	27
..... acres on which used, 2012	6,229	159	110	2,772	1,522	238	103	742
..... 2007	882	(D)	(D)	2,622	1,929	95	57	453

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

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

Item	Erie	Essex	Franklin	Fulton	Genesee	Greene	Hamilton	Herkimer
Commercial fertilizer, lime, and soil conditionersfarms, 2012	433	82	224	75	233	56	6	237
.....farms, 2007	474	78	213	93	268	76	6	262
.....acres treated, 2012	52,125	3,663	37,613	4,137	107,012	4,522	54	25,982
.....acres treated, 2007	52,317	7,063	30,952	5,092	110,146	3,651	24	25,482
Cropland fertilized, except cropland pasturefarms, 2012	404	76	216	69	222	51	6	230
.....farms, 2007	430	68	194	81	259	67	6	248
.....acres treated, 2012	51,485	3,613	35,864	4,021	106,467	4,266	54	25,153
.....acres treated, 2007	51,269	6,913	29,574	4,556	109,871	3,244	24	24,415
Pastureland and rangeland fertilizedfarms, 2012	51	9	41	7	25	9	-	25
.....farms, 2007	80	11	42	19	26	14	-	34
.....acres treated, 2012	640	50	1,749	116	545	256	-	829
.....acres treated, 2007	1,048	150	1,378	536	275	407	-	1,067
Manurefarms, 2012	238	53	208	39	144	45	4	185
.....farms, 2007	324	59	188	58	176	49	1	230
.....acres treated, 2012	23,038	2,798	25,035	2,997	38,536	1,798	16	18,334
.....acres treated, 2007	30,022	4,759	24,942	4,221	39,895	1,665	(D)	24,313
Acres treated to control--								
Insectsfarms, 2012	269	36	77	29	159	28	6	80
.....farms, 2007	220	29	47	25	136	24	3	62
.....acres, 2012	23,542	460	6,546	2,050	64,463	1,645	54	3,579
.....acres, 2007	13,491	694	3,516	865	64,032	1,419	16	4,678
Weeds, grass, or brushfarms, 2012	374	58	168	59	224	54	6	223
.....farms, 2007	300	27	103	49	197	32	1	163
.....acres, 2012	40,942	2,493	25,018	4,048	105,612	5,127	54	21,443
.....acres, 2007	28,104	1,616	13,579	2,282	82,787	1,272	(D)	14,016
Nematodesfarms, 2012	28	9	13	9	14	6	-	16
.....farms, 2007	8	3	3	-	8	1	-	4
.....acres, 2012	1,277	152	833	1,240	2,794	365	-	898
.....acres, 2007	59	(D)	3	-	2,414	(D)	-	1,027
Diseases in crops and orchardsfarms, 2012	111	17	28	14	44	16	-	30
.....farms, 2007	102	6	14	11	38	14	2	15
.....acres, 2012	3,602	350	1,090	91	14,685	618	-	1,041
.....acres, 2007	2,286	191	444	56	12,518	272	(D)	1,163
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	37	6	13	8	8	9	-	10
.....farms, 2007	17	2	10	3	7	6	-	3
.....acres on which used, 2012	1,835	219	894	210	2,570	2,205	-	1,305
.....acres on which used, 2007	495	(D)	372	25	84	(D)	-	21
Item	Jefferson	Kings	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
Commercial fertilizer, lime, and soil conditionersfarms, 2012	265	4	286	283	299	203	271	26
.....farms, 2007	290	-	287	317	297	299	237	16
.....acres treated, 2012	61,785	6	53,681	102,924	49,820	58,020	32,639	289
.....acres treated, 2007	59,012	-	40,424	115,396	48,745	81,126	31,755	193
Cropland fertilized, except cropland pasturefarms, 2012	255	4	279	274	281	199	267	20
.....farms, 2007	274	-	275	298	279	274	235	13
.....acres treated, 2012	60,830	6	52,103	101,855	48,366	57,915	31,977	262
.....acres treated, 2007	58,128	-	39,044	114,715	47,663	80,430	31,015	163
Pastureland and rangeland fertilizedfarms, 2012	23	-	41	25	38	13	31	6
.....farms, 2007	43	-	41	45	35	37	24	3
.....acres treated, 2012	955	-	1,578	1,069	1,454	105	662	27
.....acres treated, 2007	884	-	1,380	681	1,082	696	740	30
Manurefarms, 2012	230	-	237	140	281	56	198	4
.....farms, 2007	266	-	271	200	293	98	182	6
.....acres treated, 2012	49,444	-	45,864	23,788	26,320	2,721	20,151	126
.....acres treated, 2007	58,144	-	46,911	31,144	35,645	3,993	23,107	66
Acres treated to control--								
Insectsfarms, 2012	121	4	62	166	126	158	99	17
.....farms, 2007	82	-	31	127	85	167	34	16
.....acres, 2012	19,357	6	4,021	45,051	11,613	25,740	8,271	254
.....acres, 2007	12,599	-	2,153	36,981	10,741	24,047	6,678	159
Weeds, grass, or brushfarms, 2012	258	2	242	261	272	210	237	16
.....farms, 2007	199	-	201	219	203	203	137	10
.....acres, 2012	57,101	(D)	33,157	108,030	48,546	58,586	25,517	236
.....acres, 2007	33,400	-	19,495	83,142	32,839	71,222	17,836	63
Nematodesfarms, 2012	14	2	19	20	19	38	19	5
.....farms, 2007	2	-	2	4	7	13	4	1
.....acres, 2012	(D)	(D)	352	3,690	420	2,697	1,709	64
.....acres, 2007	(D)	-	(D)	(D)	1,579	632	50	(D)
Diseases in crops and orchardsfarms, 2012	45	2	8	52	44	86	33	10
.....farms, 2007	15	-	7	19	19	83	10	6
.....acres, 2012	1,694	(D)	164	7,736	1,366	11,063	1,409	87
.....acres, 2007	(D)	-	225	2,006	661	8,131	(D)	53
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	8	-	3	16	11	24	4	-
.....farms, 2007	2	-	6	11	5	30	7	-
.....acres on which used, 2012	188	-	(D)	1,446	182	1,922	40	-
.....acres on which used, 2007	(D)	-	221	1,324	153	2,131	51	-

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

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

Item	New York	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego
Commercial fertilizer, lime, and soil conditioners farms, 2012	-	333	443	302	409	240	219	219
..... 2007	-	403	382	329	430	270	273	235
..... acres treated, 2012	-	75,733	60,245	64,768	97,943	18,774	86,435	16,928
..... 2007	-	66,719	49,971	62,240	102,395	25,563	76,281	17,263
Cropland fertilized, except cropland pasture farms, 2012	-	328	425	292	399	226	211	210
..... 2007	-	388	372	315	411	246	247	216
..... acres treated, 2012	-	75,503	59,173	64,171	97,459	18,247	86,174	16,182
..... 2007	-	65,950	49,031	61,624	101,415	23,787	75,484	16,394
Pastureland and rangeland fertilized farms, 2012	-	15	61	25	31	21	23	30
..... 2007	-	34	34	32	45	37	46	38
..... acres treated, 2012	-	230	1,072	597	484	527	261	746
..... 2007	-	769	940	616	980	1,776	797	869
Manure farms, 2012	-	154	317	155	189	99	105	141
..... 2007	-	190	300	216	234	114	124	168
..... acres treated, 2012	-	12,806	30,829	17,916	28,446	7,165	7,455	8,626
..... 2007	-	18,487	30,094	26,539	29,981	9,768	6,313	8,564
Acres treated to control--								
Insects farms, 2012	-	260	141	170	245	178	141	102
..... 2007	-	235	102	126	184	148	141	84
..... acres, 2012	-	38,203	12,707	18,608	39,595	10,332	55,830	5,281
..... 2007	-	26,653	11,746	18,012	31,974	11,997	38,453	6,255
Weeds, grass, or brush farms, 2012	-	319	384	285	415	230	191	197
..... 2007	-	270	255	229	330	173	169	138
..... acres, 2012	-	77,607	51,618	55,984	96,912	17,575	84,891	14,225
..... 2007	-	45,449	32,794	42,110	82,320	12,709	51,648	12,166
Nematodes farms, 2012	-	31	15	31	20	49	24	19
..... 2007	-	15	10	11	11	24	15	8
..... acres, 2012	-	3,625	237	1,764	2,860	4,303	5,598	895
..... 2007	-	696	343	1,813	1,269	959	3,230	160
Diseases in crops and orchards farms, 2012	-	128	39	67	95	104	85	52
..... 2007	-	126	29	53	86	78	90	37
..... acres, 2012	-	8,278	4,000	4,869	7,790	5,852	18,486	2,945
..... 2007	-	7,430	3,091	2,804	5,379	4,885	16,034	2,961
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	-	40	14	15	16	31	47	19
..... 2007	-	50	10	20	12	27	71	16
..... acres on which used, 2012	-	5,390	193	980	2,140	1,359	10,275	1,155
..... 2007	-	3,628	288	719	1,360	1,227	4,858	826
Item	Otsego	Putnam	Queens	Rensselaer	Richmond	Rockland	St. Lawrence	Saratoga
Commercial fertilizer, lime, and soil conditioners farms, 2012	302	11	5	193	-	5	400	202
..... 2007	341	18	4	212	5	6	436	241
..... acres treated, 2012	26,452	195	19	27,209	-	149	61,372	23,499
..... 2007	26,109	271	17	18,895	(D)	(D)	63,898	22,087
Cropland fertilized, except cropland pasture farms, 2012	297	11	5	182	-	5	370	177
..... 2007	321	15	4	199	5	6	405	215
..... acres treated, 2012	25,925	195	19	26,463	-	149	60,141	22,334
..... 2007	24,296	265	17	18,316	(D)	(D)	60,862	21,347
Pastureland and rangeland fertilized farms, 2012	22	-	-	27	-	-	72	38
..... 2007	49	3	-	34	-	-	85	56
..... acres treated, 2012	527	-	-	746	-	-	1,231	1,165
..... 2007	1,813	6	-	579	-	-	3,036	740
Manure farms, 2012	241	7	3	113	-	2	338	134
..... 2007	323	7	1	143	-	-	398	142
..... acres treated, 2012	23,283	112	(D)	6,375	-	(D)	47,539	11,905
..... 2007	26,297	134	(D)	8,305	-	-	55,816	12,176
Acres treated to control--								
Insects farms, 2012	90	13	6	76	-	6	124	85
..... 2007	57	8	2	55	3	7	92	81
..... acres, 2012	2,363	247	20	8,244	-	134	10,795	6,007
..... 2007	3,791	232	(D)	4,216	(D)	103	11,384	3,891
Weeds, grass, or brush farms, 2012	255	11	6	149	1	9	284	165
..... 2007	198	8	2	111	2	5	217	110
..... acres, 2012	22,513	227	(D)	22,199	(D)	141	49,840	15,636
..... 2007	13,826	93	(D)	9,314	(D)	(D)	31,038	11,000
Nematodes farms, 2012	16	4	4	11	-	2	38	11
..... 2007	6	-	-	5	-	-	1	9
..... acres, 2012	927	(D)	8	592	-	(D)	1,969	108
..... 2007	310	-	-	234	-	-	(D)	1,831
Diseases in crops and orchards farms, 2012	34	6	4	40	-	5	44	42
..... 2007	15	3	-	27	2	6	26	32
..... acres, 2012	525	139	8	2,183	-	132	1,230	595
..... 2007	213	168	-	500	(D)	(D)	310	749
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	9	-	-	6	-	3	19	14
..... 2007	5	3	-	7	-	2	5	16
..... acres on which used, 2012	77	-	-	75	-	144	141	251
..... 2007	63	45	-	(D)	-	(D)	(D)	390

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

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

Item	Schenectady	Schoharie	Schuyler	Seneca	Steuben	Suffolk	Sullivan	Tioga
Commercial fertilizer, lime, and soil conditionersfarms, 2012	45	155	137	317	596	338	71	171
.....farms, 2007	55	190	153	271	652	339	105	192
.....acres treated, 2012	1,412	16,894	18,710	64,770	92,943	18,286	3,358	15,904
.....acres treated, 2007	1,878	14,674	10,709	68,942	78,822	18,306	6,078	17,339
Cropland fertilized, except cropland pasturefarms, 2012	42	154	127	309	585	329	64	164
.....farms, 2007	50	180	141	264	617	321	97	173
.....acres treated, 2012	1,361	16,580	18,406	64,212	91,018	17,936	3,009	15,236
.....acres treated, 2007	1,788	14,193	10,359	68,293	75,904	18,197	5,434	15,495
Pastureland and rangeland fertilizedfarms, 2012	6	12	14	43	64	14	14	26
.....farms, 2007	6	23	21	28	110	20	25	43
.....acres treated, 2012	51	314	304	558	1,925	350	349	668
.....acres treated, 2007	90	481	350	649	2,918	109	644	1,844
Manurefarms, 2012	19	118	81	175	481	53	70	139
.....farms, 2007	33	149	98	174	474	61	104	194
.....acres treated, 2012	637	8,823	4,535	18,391	40,752	936	5,950	12,784
.....acres treated, 2007	607	11,544	5,808	14,242	41,866	626	8,449	15,719
Acres treated to control--								
Insectsfarms, 2012	27	60	98	191	227	305	28	44
.....farms, 2007	18	56	91	108	183	260	20	32
.....acres, 2012	880	2,351	2,820	16,122	30,553	15,548	312	2,969
.....acres, 2007	543	2,398	3,497	19,308	20,748	12,653	852	3,031
Weeds, grass, or brushfarms, 2012	32	117	140	292	516	315	53	126
.....farms, 2007	16	100	108	184	401	181	26	94
.....acres, 2012	1,233	12,110	16,764	68,435	79,660	16,957	1,719	11,083
.....acres, 2007	378	6,189	6,648	50,689	52,302	10,727	1,240	8,048
Nematodesfarms, 2012	4	9	14	27	25	44	8	5
.....farms, 2007	1	6	6	8	8	14	-	5
.....acres, 2012	12	572	296	4,331	2,913	1,740	90	191
.....acres, 2007	(D)	430	95	1,349	246	385	-	720
Diseases in crops and orchardsfarms, 2012	12	27	50	80	85	195	16	17
.....farms, 2007	11	19	53	54	79	143	4	10
.....acres, 2012	501	628	1,136	6,342	7,202	10,038	117	637
.....acres, 2007	255	574	1,427	2,185	4,855	6,221	10	44
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	1	14	20	24	28	63	6	7
.....farms, 2007	2	13	7	18	28	34	1	-
.....acres on which used, 2012	(D)	212	420	895	2,913	3,791	657	52
.....acres on which used, 2007	(D)	553	292	855	2,678	849	(D)	-
Item	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
Commercial fertilizer, lime, and soil conditionersfarms, 2012	211	168	43	313	450	50	338	605
.....farms, 2007	200	213	36	343	486	38	373	555
.....acres treated, 2012	25,752	12,310	931	47,035	88,890	1,016	111,535	51,963
.....acres treated, 2007	34,539	17,451	452	57,343	79,986	806	105,854	49,778
Cropland fertilized, except cropland pasturefarms, 2012	202	153	38	293	437	34	331	595
.....farms, 2007	194	196	31	319	476	29	364	532
.....acres treated, 2012	25,160	11,810	767	45,908	88,295	491	110,991	50,328
.....acres treated, 2007	33,588	16,431	304	55,345	79,292	289	103,679	48,153
Pastureland and rangeland fertilizedfarms, 2012	23	23	7	45	38	18	35	88
.....farms, 2007	26	38	6	55	28	9	52	81
.....acres treated, 2012	592	500	164	1,127	595	525	544	1,635
.....acres treated, 2007	951	1,020	148	1,998	694	517	2,175	1,625
Manurefarms, 2012	129	92	17	222	154	14	260	422
.....farms, 2007	172	97	14	242	186	4	286	328
.....acres treated, 2012	13,158	2,157	287	29,702	11,187	274	66,348	26,580
.....acres treated, 2007	20,012	2,410	101	32,396	9,219	(D)	69,782	20,768
Acres treated to control--								
Insectsfarms, 2012	97	134	20	130	321	24	222	394
.....farms, 2007	87	120	12	109	318	14	140	292
.....acres, 2012	5,241	8,507	71	7,061	49,240	259	76,089	23,289
.....acres, 2007	11,066	12,034	35	14,093	45,619	344	40,543	18,893
Weeds, grass, or brushfarms, 2012	175	146	26	254	461	34	302	556
.....farms, 2007	153	104	12	198	375	12	266	427
.....acres, 2012	21,712	9,701	149	30,713	95,484	405	94,198	44,810
.....acres, 2007	18,024	9,442	126	27,529	67,145	173	65,995	30,060
Nematodesfarms, 2012	11	32	-	19	49	6	19	39
.....farms, 2007	3	6	1	12	19	3	12	18
.....acres, 2012	997	1,370	-	2,537	4,949	93	3,706	990
.....acres, 2007	602	351	(D)	2,016	2,513	(D)	2,607	714
Diseases in crops and orchardsfarms, 2012	38	98	6	49	209	10	42	168
.....farms, 2007	37	68	3	32	209	9	31	157
.....acres, 2012	1,359	6,418	(D)	1,430	28,181	210	12,551	5,259
.....acres, 2007	534	7,078	3	1,759	20,711	233	6,142	5,975
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	49	-	17	138	2	25	35
.....farms, 2007	18	49	2	16	180	1	14	29
.....acres on which used, 2012	85	4,671	-	3,756	15,349	(D)	5,740	1,441
.....acres on which used, 2007	348	5,609	(D)	176	19,013	(D)	1,944	1,115