

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012**

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

Item	New York	Albany	Allegany	Bronx	Broome
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	12,507	125	241	-	122
..... 2012	13,683	140	231	-	126
..... acres treated, 2017	2,069,088	5,943	31,598	-	10,420
..... 2012	2,174,462	7,708	27,106	-	10,082
Cropland fertilized, except cropland pasture ..... farms, 2017	11,653	110	228	-	114
..... 2012	13,025	121	228	-	109
..... acres treated, 2017	2,023,376	5,732	30,319	-	9,763
..... 2012	2,132,435	7,474	26,666	-	9,509
Pastureland and rangeland fertilized ..... farms, 2017	1,851	23	52	-	27
..... 2012	1,723	23	23	-	26
..... acres treated, 2017	45,712	211	1,279	-	657
..... 2012	42,027	234	440	-	573
Manure ..... farms, 2017	9,553	107	276	-	127
..... 2012	8,902	83	220	-	97
..... acres treated, 2017	956,247	2,125	16,909	-	6,817
..... 2012	970,813	2,191	15,145	-	10,720
Organic fertilizer (see text) ..... farms, 2017	1,352	16	24	-	16
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	59,089	74	620	-	417
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects ..... farms, 2017	4,480	36	41	-	36
..... 2012	7,007	66	60	-	46
..... acres, 2017	722,397	1,236	10,070	-	3,611
..... 2012	823,419	1,634	7,999	-	1,534
Weeds, grass, or brush ..... farms, 2017	8,379	65	137	-	71
..... 2012	11,942	103	183	-	89
..... acres, 2017	1,754,911	4,708	29,142	-	5,166
..... 2012	1,909,800	5,139	22,985	-	7,776
Nematodes ..... farms, 2017	436	7	4	-	11
..... 2012	1,056	17	8	-	11
..... acres, 2017	63,374	(D)	(D)	-	81
..... 2012	81,518	626	1,441	-	95
Diseases in crops and orchards ..... farms, 2017	2,550	32	14	-	26
..... 2012	3,141	32	13	-	23
..... acres, 2017	245,365	985	1,882	-	224
..... 2012	224,993	625	200	-	152
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	735	10	4	-	7
..... 2012	1,066	8	15	-	9
..... acres on which used, 2017	79,934	273	(D)	-	49
..... 2012	91,399	961	(D)	-	105

  

Item	Cattaraugus	Cayuga	Chautauqua	Chemung	Chenango
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	308	456	538	122	196
..... 2012	359	468	708	106	270
..... acres treated, 2017	38,453	121,452	68,055	9,043	23,720
..... 2012	43,561	127,604	67,967	8,200	25,762
Cropland fertilized, except cropland pasture ..... farms, 2017	293	435	517	99	187
..... 2012	336	462	678	97	249
..... acres treated, 2017	37,467	120,277	66,817	8,607	22,549
..... 2012	42,033	126,907	65,172	7,430	24,680
Pastureland and rangeland fertilized ..... farms, 2017	44	61	68	37	33
..... 2012	56	45	93	25	53
..... acres treated, 2017	986	1,175	1,238	436	1,171
..... 2012	1,528	697	2,795	770	1,082
Manure ..... farms, 2017	325	295	405	84	224
..... 2012	284	290	418	80	252
..... acres treated, 2017	26,638	40,817	29,708	4,376	23,739
..... 2012	25,218	38,789	38,580	4,394	24,640
Organic fertilizer (see text) ..... farms, 2017	19	34	23	11	15
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	731	1,235	433	93	565
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects ..... farms, 2017	45	180	306	28	31
..... 2012	131	256	493	45	98
..... acres, 2017	8,658	43,631	25,244	1,646	3,409
..... 2012	13,865	58,686	28,081	1,716	5,945
Weeds, grass, or brush ..... farms, 2017	193	377	431	58	122
..... 2012	283	438	669	82	225
..... acres, 2017	26,133	113,179	56,472	7,420	12,424
..... 2012	32,797	121,240	53,641	7,002	18,545
Nematodes ..... farms, 2017	5	9	17	4	-
..... 2012	11	34	53	6	18
..... acres, 2017	218	(D)	460	(D)	-
..... 2012	1,510	4,078	4,535	24	195
Diseases in crops and orchards ..... farms, 2017	19	57	209	15	8
..... 2012	31	81	320	20	34
..... acres, 2017	391	5,857	14,461	491	591
..... 2012	699	10,918	18,013	595	380
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	14	36	6	1
..... 2012	8	18	68	12	12
..... acres on which used, 2017	(D)	134	2,132	62	(D)
..... 2012	530	(D)	6,229	159	110

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	Clinton	Columbia	Cortland	Delaware	Dutchess
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	203	199	171	202	191
2012	200	179	213	179	230
acres treated, 2017	41,079	31,176	25,585	17,311	17,465
2012	46,044	28,402	24,660	12,907	18,757
Cropland fertilized, except cropland pasture .....farms, 2017	186	189	155	183	165
2012	194	159	196	157	191
acres treated, 2017	40,141	30,026	24,750	15,899	16,511
2012	45,151	27,044	23,734	11,534	17,221
Pastureland and rangeland fertilized .....farms, 2017	35	20	31	49	42
2012	28	37	35	43	57
acres treated, 2017	938	1,150	835	1,412	954
2012	893	1,358	926	1,373	1,536
Manure .....farms, 2017	155	98	164	230	82
2012	161	74	145	198	94
acres treated, 2017	22,733	8,429	21,051	22,655	4,033
2012	33,155	8,394	17,673	20,877	5,103
Organic fertilizer (see text) .....farms, 2017	14	58	21	37	44
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,102	1,333	505	1,321	1,083
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	61	74	38	45	54
2012	82	95	69	54	116
acres, 2017	20,055	11,548	2,963	1,921	3,819
2012	19,897	8,656	3,388	970	4,718
Weeds, grass, or brush .....farms, 2017	94	91	120	115	86
2012	140	147	149	149	175
acres, 2017	34,094	28,200	17,505	8,058	11,187
2012	28,661	21,293	18,046	8,128	14,111
Nematodes .....farms, 2017	10	9	5	5	10
2012	15	16	13	14	23
acres, 2017	4,067	(D)	727	538	600
2012	1,167	306	299	353	743
Diseases in crops and orchards .....farms, 2017	23	56	15	25	38
2012	37	51	32	22	58
acres, 2017	10,147	6,489	317	1,571	784
2012	2,833	3,794	753	170	1,814
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	11	27	2	11	15
2012	18	29	11	8	24
acres on which used, 2017	3,776	1,999	(D)	(D)	715
2012	2,772	1,522	238	103	742

  

Item	Erie	Essex	Franklin	Fulton	Genesee	Greene
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	347	89	232	54	214	48
2012	433	82	224	75	233	56
acres treated, 2017	46,731	3,665	34,676	2,818	103,082	3,405
2012	52,125	3,663	37,613	4,137	107,012	4,522
Cropland fertilized, except cropland pasture .....farms, 2017	307	74	209	51	209	44
2012	404	76	216	69	222	51
acres treated, 2017	45,622	3,316	33,416	2,695	102,300	3,259
2012	51,485	3,613	35,864	4,021	106,467	4,266
Pastureland and rangeland fertilized .....farms, 2017	55	21	55	8	19	6
2012	51	9	41	7	25	9
acres treated, 2017	1,109	349	1,260	123	782	146
2012	640	50	1,749	116	545	256
Manure .....farms, 2017	232	56	200	58	144	42
2012	238	53	208	39	144	45
acres treated, 2017	21,010	1,357	25,222	3,031	21,692	1,269
2012	23,038	2,798	25,035	2,997	38,536	1,798
Organic fertilizer (see text) .....farms, 2017	44	7	35	9	4	8
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	6,729	760	2,329	176	(D)	110
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	127	23	53	21	96	17
2012	269	36	77	29	159	28
acres, 2017	10,712	716	6,023	686	62,417	1,388
2012	23,542	460	6,546	2,050	64,463	1,645
Weeds, grass, or brush .....farms, 2017	243	24	114	42	183	19
2012	374	58	168	59	224	54
acres, 2017	37,813	2,294	23,546	1,646	90,206	2,018
2012	40,942	2,493	25,018	4,048	105,612	5,127
Nematodes .....farms, 2017	22	1	12	-	4	1
2012	28	9	13	9	14	6
acres, 2017	531	(D)	2,520	-	782	(D)
2012	1,277	152	833	1,240	2,794	365
Diseases in crops and orchards .....farms, 2017	82	13	19	12	30	14
2012	111	17	28	14	44	16
acres, 2017	3,861	157	(D)	130	18,925	980
2012	3,602	350	1,090	91	14,685	618
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	17	2	-	3	5	4
2012	37	6	13	8	8	9
acres on which used, 2017	1,025	(D)	-	19	5,498	25
2012	1,835	219	894	210	2,570	2,205

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	Hamilton	Herkimer	Jefferson	Kings	Lewis	Livingston
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	2	210	233	2	285	251
..... 2012	6	237	265	4	286	283
..... acres treated, 2017	(D)	22,150	55,339	(D)	48,712	98,397
..... 2012	54	25,982	61,785	6	53,681	102,924
Cropland fertilized, except cropland pasture ..... farms, 2017	2	195	208	2	263	244
..... 2012	6	230	255	4	279	274
..... acres treated, 2017	(D)	20,806	53,817	(D)	47,508	96,965
..... 2012	54	25,153	60,830	6	52,103	101,855
Pastureland and rangeland fertilized ..... farms, 2017	-	34	42	-	49	19
..... 2012	-	25	23	-	41	25
..... acres treated, 2017	-	1,344	1,522	-	1,204	1,432
..... 2012	-	829	955	-	1,578	1,069
Manure ..... farms, 2017	-	190	209	1	301	169
..... 2012	4	185	230	-	237	140
..... acres treated, 2017	-	17,575	37,007	(D)	49,070	30,231
..... 2012	16	18,334	49,444	-	45,864	23,788
Organic fertilizer (see text) ..... farms, 2017	1	11	15	6	10	15
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	1,098	1,714	8	529	2,331
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	1	31	63	3	61	99
..... 2012	6	80	121	4	62	166
..... acres, 2017	(D)	7,439	11,426	3	6,668	33,756
..... 2012	54	3,579	19,357	6	4,021	45,051
Weeds, grass, or brush ..... farms, 2017	-	124	177	-	194	216
..... 2012	6	223	258	2	242	261
..... acres, 2017	-	18,084	53,346	-	32,203	91,434
..... 2012	54	21,443	57,101	(D)	33,157	108,030
Nematodes ..... farms, 2017	-	10	3	3	20	3
..... 2012	-	16	14	2	19	20
..... acres, 2017	-	5,050	57	3	605	(D)
..... 2012	-	898	(D)	(D)	352	3,690
Diseases in crops and orchards ..... farms, 2017	-	20	32	3	7	33
..... 2012	-	30	45	2	8	52
..... acres, 2017	-	4,685	2,852	3	(D)	6,149
..... 2012	-	1,041	1,694	(D)	164	7,736
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	-	5	5	-	1	7
..... 2012	-	10	8	-	3	16
..... acres on which used, 2017	-	256	62	-	(D)	869
..... 2012	-	1,305	188	-	(D)	1,446
Item	Madison	Monroe	Montgomery	Nassau	New York	Niagara
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	254	210	220	8	-	287
..... 2012	299	203	271	26	-	333
..... acres treated, 2017	45,654	64,643	27,415	84	-	66,768
..... 2012	49,820	58,020	32,639	289	-	75,733
Cropland fertilized, except cropland pasture ..... farms, 2017	249	186	211	8	-	277
..... 2012	281	199	267	20	-	328
..... acres treated, 2017	44,669	63,051	26,923	84	-	66,552
..... 2012	48,366	57,915	31,977	262	-	75,503
Pastureland and rangeland fertilized ..... farms, 2017	27	34	30	-	-	27
..... 2012	38	13	31	6	-	15
..... acres treated, 2017	985	1,592	492	27	-	216
..... 2012	1,454	105	662	27	-	230
Manure ..... farms, 2017	250	95	188	2	-	169
..... 2012	281	56	198	4	-	154
..... acres treated, 2017	31,105	4,435	14,323	(D)	-	13,940
..... 2012	26,320	2,721	20,151	126	-	12,806
Organic fertilizer (see text) ..... farms, 2017	47	14	31	3	-	17
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	2,989	114	934	7	-	362
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	64	129	61	7	-	155
..... 2012	126	158	99	17	-	260
..... acres, 2017	10,998	31,972	12,162	54	-	18,079
..... 2012	11,613	25,740	8,271	254	-	38,203
Weeds, grass, or brush ..... farms, 2017	181	163	145	3	-	214
..... 2012	272	210	237	16	-	319
..... acres, 2017	43,559	58,914	21,171	(D)	-	60,106
..... 2012	48,546	58,586	25,517	236	-	77,607
Nematodes ..... farms, 2017	3	2	2	-	-	8
..... 2012	19	38	19	5	-	31
..... acres, 2017	(D)	(D)	(D)	-	-	(D)
..... 2012	420	2,697	1,709	64	-	3,625
Diseases in crops and orchards ..... farms, 2017	21	92	28	5	-	117
..... 2012	44	86	33	10	-	128
..... acres, 2017	3,209	8,051	1,762	(D)	-	14,370
..... 2012	1,366	11,063	1,409	87	-	8,278
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	9	24	13	-	-	40
..... 2012	11	24	4	-	-	40
..... acres on which used, 2017	1,439	2,127	237	-	-	6,905
..... 2012	182	1,922	40	-	-	5,390

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	393	259	405	223	229	185
2012	443	302	409	240	219	219
acres treated, 2017	58,562	57,305	106,754	19,697	78,423	16,503
2012	60,245	64,768	97,943	18,774	86,435	16,928
Cropland fertilized, except cropland pasture .....farms, 2017	363	252	385	209	201	165
2012	425	292	399	226	211	210
acres treated, 2017	57,010	56,934	105,879	19,157	78,157	15,870
2012	59,173	64,171	97,459	18,247	86,174	16,182
Pastureland and rangeland fertilized .....farms, 2017	59	27	45	26	35	31
2012	61	25	31	21	23	30
acres treated, 2017	1,552	371	875	540	266	633
2012	1,072	597	484	527	261	746
Manure .....farms, 2017	332	150	237	110	141	135
2012	317	155	189	99	105	141
acres treated, 2017	36,267	25,287	37,072	7,449	7,617	10,025
2012	30,829	17,916	28,446	7,165	7,455	8,626
Organic fertilizer (see text) .....farms, 2017	28	25	35	14	13	10
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,765	1,170	2,123	349	1,053	559
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	92	113	158	110	116	75
2012	141	170	245	178	141	102
acres, 2017	9,147	21,909	35,841	9,300	43,929	10,024
2012	12,707	18,608	39,595	10,332	55,830	5,281
Weeds, grass, or brush .....farms, 2017	265	212	325	147	178	113
2012	384	285	415	230	191	197
acres, 2017	46,300	61,754	96,984	13,741	75,257	14,104
2012	51,618	55,984	96,912	17,575	84,891	14,225
Nematodes .....farms, 2017	8	9	13	10	8	11
2012	15	31	20	49	24	19
acres, 2017	1,083	(D)	1,227	1,027	734	(D)
2012	237	1,764	2,860	4,303	5,598	895
Diseases in crops and orchards .....farms, 2017	54	61	86	74	74	54
2012	39	67	95	104	85	52
acres, 2017	4,164	5,576	7,451	6,454	19,164	1,960
2012	4,000	4,869	7,790	5,852	18,486	2,945
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	6	27	21	20	41	10
2012	14	15	16	31	47	19
acres on which used, 2017	273	2,366	959	1,350	9,677	351
2012	193	980	2,140	1,359	10,275	1,155
Item	Otsego	Putnam	Queens	Rensselaer	Richmond	Rockland
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	247	21	3	171	-	6
2012	302	11	5	193	-	5
acres treated, 2017	24,191	291	6	19,055	-	49
2012	26,452	195	19	27,209	-	149
Cropland fertilized, except cropland pasture .....farms, 2017	224	16	3	153	-	6
2012	297	11	5	182	-	5
acres treated, 2017	23,248	191	6	17,806	-	49
2012	25,925	195	19	26,463	-	149
Pastureland and rangeland fertilized .....farms, 2017	38	5	-	30	-	-
2012	22	-	-	27	-	-
acres treated, 2017	943	100	-	1,249	-	-
2012	527	-	-	746	-	-
Manure .....farms, 2017	258	20	-	144	-	3
2012	241	7	3	113	-	2
acres treated, 2017	20,480	333	-	5,552	-	(D)
2012	23,283	112	(D)	6,375	-	(D)
Organic fertilizer (see text) .....farms, 2017	42	10	-	19	3	1
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,120	98	-	210	3	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	43	9	-	50	1	3
2012	90	13	6	76	-	6
acres, 2017	1,706	95	-	6,484	(D)	73
2012	2,363	247	20	8,244	-	134
Weeds, grass, or brush .....farms, 2017	151	4	-	86	1	5
2012	255	11	6	149	1	9
acres, 2017	16,120	95	-	12,720	(D)	77
2012	22,513	227	(D)	22,199	(D)	141
Nematodes .....farms, 2017	6	-	-	5	-	-
2012	16	4	4	11	-	2
acres, 2017	927	-	-	1,475	-	-
2012	927	(D)	8	592	-	(D)
Diseases in crops and orchards .....farms, 2017	20	2	-	42	-	2
2012	34	6	4	40	-	5
acres, 2017	473	(D)	-	835	-	(D)
2012	525	139	8	2,183	-	132
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	3	1	-	13	-	2
2012	9	-	-	6	-	3
acres on which used, 2017	52	(D)	-	351	-	(D)
2012	77	-	-	75	-	144

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	385	193	41	159	132	282
..... 2012	400	202	45	155	137	317
..... acres treated, 2017	68,424	19,256	1,299	16,198	12,942	57,834
..... 2012	61,372	23,499	1,412	16,894	18,710	64,770
Cropland fertilized, except cropland pasture ..... farms, 2017	365	165	41	150	119	265
..... 2012	370	177	42	154	127	309
..... acres treated, 2017	66,720	18,404	1,299	15,777	12,647	57,116
..... 2012	60,141	22,334	1,361	16,580	18,406	64,212
Pastureland and rangeland fertilized ..... farms, 2017	72	44	-	13	19	46
..... 2012	72	38	6	12	14	43
..... acres treated, 2017	1,704	852	-	421	295	718
..... 2012	1,231	1,165	51	314	304	558
Manure ..... farms, 2017	385	138	19	127	125	157
..... 2012	338	134	19	118	81	175
..... acres treated, 2017	59,218	12,530	540	8,989	5,184	15,691
..... 2012	47,539	11,905	637	8,823	4,535	18,391
Organic fertilizer (see text) ..... farms, 2017	52	22	1	20	32	43
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,994	237	(D)	383	453	3,003
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	62	54	17	42	59	120
..... 2012	124	85	27	60	98	191
..... acres, 2017	9,659	7,771	421	3,166	2,815	18,265
..... 2012	10,795	6,007	880	2,351	2,820	16,122
Weeds, grass, or brush ..... farms, 2017	200	97	30	99	100	203
..... 2012	284	165	32	117	140	292
..... acres, 2017	47,247	15,263	880	10,061	16,214	67,253
..... 2012	49,840	15,636	1,233	12,110	16,764	68,435
Nematodes ..... farms, 2017	6	8	1	11	5	13
..... 2012	38	11	4	9	14	27
..... acres, 2017	(D)	93	(D)	853	53	5,324
..... 2012	1,969	108	12	572	296	4,331
Diseases in crops and orchards ..... farms, 2017	29	33	10	18	49	58
..... 2012	44	42	12	27	50	80
..... acres, 2017	1,475	1,185	101	453	1,022	8,350
..... 2012	1,230	595	501	628	1,136	6,342
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	8	18	4	4	7	6
..... 2012	19	14	1	14	20	24
..... acres on which used, 2017	25	1,043	8	190	24	360
..... 2012	141	251	(D)	212	420	895
Item	Steuben	Suffolk	Sullivan	Tioga	Tompkins	Ulster
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	565	296	78	150	188	192
..... 2012	596	338	71	171	211	168
..... acres treated, 2017	102,456	17,188	3,155	14,701	25,032	10,349
..... 2012	92,943	18,286	3,358	15,904	25,752	12,310
Cropland fertilized, except cropland pasture ..... farms, 2017	540	288	63	137	170	176
..... 2012	585	329	64	164	202	153
..... acres treated, 2017	100,370	16,933	2,838	13,776	24,605	9,883
..... 2012	91,018	17,936	3,009	15,236	25,160	11,810
Pastureland and rangeland fertilized ..... farms, 2017	85	8	20	24	24	23
..... 2012	64	14	14	26	23	23
..... acres treated, 2017	2,086	255	317	925	427	466
..... 2012	1,925	350	349	668	592	500
Manure ..... farms, 2017	484	58	99	182	150	77
..... 2012	481	53	70	139	129	92
..... acres treated, 2017	44,451	627	7,578	12,520	13,136	2,373
..... 2012	40,752	936	5,950	12,784	13,158	2,157
Organic fertilizer (see text) ..... farms, 2017	50	37	21	19	31	31
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,869	595	228	300	1,040	465
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	163	200	5	35	78	89
..... 2012	227	305	28	44	97	134
..... acres, 2017	29,805	12,029	(D)	2,957	13,601	6,929
..... 2012	30,553	15,548	312	2,969	5,241	8,507
Weeds, grass, or brush ..... farms, 2017	402	174	30	91	112	98
..... 2012	516	315	53	126	175	146
..... acres, 2017	81,014	13,004	1,292	12,660	19,949	8,776
..... 2012	79,660	16,957	1,719	11,083	21,712	9,701
Nematodes ..... farms, 2017	11	27	1	4	9	3
..... 2012	25	44	8	5	11	32
..... acres, 2017	1,294	2,566	(D)	259	79	260
..... 2012	2,913	1,740	90	191	997	1,370
Diseases in crops and orchards ..... farms, 2017	73	153	7	18	36	67
..... 2012	85	195	16	17	38	98
..... acres, 2017	8,642	8,975	17	1,854	1,363	4,875
..... 2012	7,202	10,038	117	637	1,359	6,418
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	14	28	-	2	3	31
..... 2012	28	63	6	7	7	49
..... acres on which used, 2017	4,961	1,963	-	(D)	51	3,156
..... 2012	2,913	3,791	657	52	85	4,671

--continued

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	Warren	Washington	Wayne	Westchester	Wyoming	Yates
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	12	328	439	42	318	545
2012	43	313	450	50	338	605
acres treated, 2017	34	49,042	75,233	838	106,051	43,355
2012	931	47,035	88,890	1,016	111,535	51,963
Cropland fertilized, except cropland pasture .....farms, 2017	12	296	430	36	289	534
2012	38	293	437	34	331	595
acres treated, 2017	34	46,823	74,719	766	104,541	41,951
2012	767	45,908	88,295	491	110,991	50,328
Pastureland and rangeland fertilized .....farms, 2017	-	68	29	8	48	76
2012	7	45	38	18	35	88
acres treated, 2017	-	2,219	514	72	1,510	1,404
2012	164	1,127	595	525	544	1,635
Manure .....farms, 2017	19	241	170	10	259	445
2012	17	222	154	14	260	422
acres treated, 2017	103	25,738	9,708	179	56,169	30,060
2012	287	29,702	11,187	274	66,348	26,580
Organic fertilizer (see text) .....farms, 2017	-	24	34	6	20	100
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	-	363	1,425	34	1,729	6,464
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	2	74	269	18	133	304
2012	20	130	321	24	222	394
acres, 2017	(D)	8,940	44,031	300	52,834	17,998
2012	71	7,061	49,240	259	76,089	23,289
Weeds, grass, or brush .....farms, 2017	7	163	394	17	236	437
2012	26	254	461	34	302	556
acres, 2017	(D)	27,680	75,820	748	93,135	36,652
2012	149	30,713	95,484	405	94,198	44,810
Nematodes .....farms, 2017	1	16	31	-	14	15
2012	-	19	49	6	19	39
acres, 2017	(D)	1,326	3,711	-	4,174	543
2012	-	2,537	4,949	93	3,706	990
Diseases in crops and orchards .....farms, 2017	2	39	200	18	28	178
2012	6	49	209	10	42	168
acres, 2017	(D)	831	26,916	274	15,511	5,939
2012	(D)	1,430	28,181	210	12,551	5,259
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	-	12	132	5	4	33
2012	-	17	138	2	25	35
acres on which used, 2017	-	181	18,068	171	4,326	966
2012	-	3,756	15,349	(D)	5,740	1,441