

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	California	Alameda	Alpine	Amador	Butte	Calaveras	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	32,613	95	-	136	1,011	118
	2012	32,646	88	1	111	972	109
acres treated, 2017	6,658,418	6,379	-	7,195	179,330	9,141	
	2012	6,314,533	9,675	(D)	7,763	176,608	1,938
Cropland fertilized, except cropland pasture	farms, 2017	31,202	84	-	120	961	92
	2012	31,244	78	1	94	937	95
acres treated, 2017	6,513,329	5,771	-	(D)	178,498	6,090	
	2012	6,167,491	2,223	(D)	4,791	176,175	1,273
Pastureland and rangeland fertilized	farms, 2017	1,740	11	-	16	61	29
	2012	1,918	10	-	18	43	14
acres treated, 2017	145,089	608	-	(D)	832	3,051	
	2012	147,042	7,452	-	2,972	433	665
Manure	farms, 2017	5,725	4	-	28	89	22
	2012	6,794	31	-	35	110	36
acres treated, 2017	656,688	(D)	-	192	5,773	292	
	2012	712,975	889	-	913	2,465	141
Organic fertilizer (see text)	farms, 2017	4,730	12	(NA)	16	102	43
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	336,701	177	-	1,752	15,461	105	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	24,393	57	-	101	823	78
	2012	25,064	57	-	70	809	75
Insects	acres, 2017	6,513,981	4,952	-	4,710	135,870	2,856
	2012	5,293,093	5,654	-	3,433	169,999	1,909
Weeds, grass, or brush	farms, 2017	28,404	90	-	155	1,001	138
	2012	32,402	99	-	135	1,015	137
acres, 2017	7,007,896	5,963	-	6,153	167,217	5,464	
	2012	6,116,162	4,574	-	6,836	176,540	2,689
Nematodes	farms, 2017	4,381	8	-	13	127	8
	2012	4,485	6	-	9	125	8
acres, 2017	913,554	760	-	284	6,614	33	
	2012	725,589	97	-	76	6,905	29
Diseases in crops and orchards	farms, 2017	15,192	41	-	72	728	45
	2012	14,196	36	-	65	636	32
acres, 2017	2,686,889	3,453	-	1,071	118,119	219	
	2012	2,038,769	518	-	1,810	90,197	491
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	5,392	8	-	5	195	17
	2012	9,810	30	-	35	269	22
acres on which used, 2017	1,059,120	86	-	172	21,220	111	
	2012	1,460,135	1,077	-	943	19,880	1,096

Item	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	Glenn	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	562	128	18	336	3,032	753
	2012	568	153	20	358	3,083	768
acres treated, 2017	209,770	23,830	1,777	2,904	837,968	218,616	
	2012	218,126	20,743	2,432	2,920	817,742	194,712
Cropland fertilized, except cropland pasture	farms, 2017	559	113	14	290	3,001	734
	2012	557	144	18	312	3,039	723
acres treated, 2017	206,439	23,277	1,301	2,321	834,878	214,916	
	2012	216,767	20,498	1,655	1,922	806,183	192,811
Pastureland and rangeland fertilized	farms, 2017	12	5	5	51	36	27
	2012	14	9	5	58	71	58
acres treated, 2017	3,331	553	476	583	3,090	3,700	
	2012	1,359	245	777	998	11,559	1,901
Manure	farms, 2017	26	19	7	165	489	39
	2012	31	30	18	161	639	85
acres treated, 2017	4,910	157	1,646	1,703	74,158	2,500	
	2012	5,281	319	1,743	1,472	71,200	6,879
Organic fertilizer (see text)	farms, 2017	35	20	-	85	228	35
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	5,563	1,169	-	369	30,685	4,732	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	450	91	8	163	2,914	654
	2012	490	107	17	248	2,955	629
Insects	acres, 2017	191,653	13,868	444	1,753	906,043	204,195
	2012	179,680	13,181	330	1,617	727,171	167,330
Weeds, grass, or brush	farms, 2017	561	119	9	353	3,017	727
	2012	545	178	12	456	3,272	774
acres, 2017	226,646	41,541	409	3,177	914,988	237,727	
	2012	189,201	32,223	651	3,847	777,797	196,886
Nematodes	farms, 2017	50	8	7	29	724	81
	2012	40	30	9	36	602	60
acres, 2017	9,215	(D)	228	192	210,945	15,686	
	2012	20,584	3,680	240	(D)	110,150	16,005
Diseases in crops and orchards	farms, 2017	328	56	8	169	1,544	425
	2012	300	80	13	220	1,335	407
acres, 2017	109,349	4,356	254	1,789	389,275	110,924	
	2012	83,095	5,271	244	1,253	290,199	117,751
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	85	16	-	50	936	112
	2012	75	37	-	115	1,634	203
acres on which used, 2017	26,901	1,710	-	370	160,113	12,981	
	2012	7,826	4,210	-	1,147	303,441	50,409

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

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

Item	Humboldt	Imperial	Inyo	Kern	Kings	Lake
Commercial fertilizer, lime, and soil conditionersfarms, 2017	141	331	8	826	575	185
2012	200	286	24	814	604	198
acres treated, 2017	2,654	430,279	1,291	651,318	344,489	9,974
2012	3,091	378,191	7,073	554,170	354,291	7,573
Cropland fertilized, except cropland pasturefarms, 2017	103	326	6	818	546	181
2012	175	279	22	788	576	189
acres treated, 2017	1,567	428,903	(D)	651,191	339,288	(D)
2012	1,628	376,552	5,468	553,616	353,800	7,317
Pastureland and rangeland fertilizedfarms, 2017	40	5	2	12	33	5
2012	31	11	7	31	47	14
acres treated, 2017	1,087	1,376	(D)	127	5,201	(D)
2012	1,463	1,639	1,605	554	491	256
Manurefarms, 2017	139	34	9	117	122	52
2012	153	53	14	127	205	69
acres treated, 2017	8,961	8,888	(D)	28,779	34,391	377
2012	3,965	21,495	(D)	51,832	36,101	839
Organic fertilizer (see text)farms, 2017	80	40	3	51	30	62
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	3,620	34,544	(D)	17,127	1,332	864
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	37	265	-	756	509	162
2012	98	221	6	728	454	157
acres, 2017	826	436,451	-	718,855	375,927	8,840
2012	913	322,713	3,506	520,133	310,013	6,795
Weeds, grass, or brushfarms, 2017	58	282	6	802	574	154
2012	130	245	19	825	603	199
acres, 2017	2,584	382,396	1,015	706,612	375,909	9,492
2012	2,138	301,320	4,096	610,938	371,830	9,371
Nematodesfarms, 2017	6	66	-	149	75	15
2012	25	57	1	167	75	26
acres, 2017	(D)	37,596	-	134,671	17,486	1,013
2012	168	34,885	(D)	128,014	21,492	1,306
Diseases in crops and orchardsfarms, 2017	28	69	-	408	206	94
2012	74	45	1	380	135	93
acres, 2017	181	53,980	-	331,138	77,074	6,468
2012	470	34,187	(D)	217,275	36,790	5,519
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	3	20	-	258	128	28
2012	10	22	-	415	154	102
acres on which used, 2017	(D)	9,241	-	188,703	134,395	1,161
2012	82	5,429	-	269,863	122,352	5,021

Item	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino
Commercial fertilizer, lime, and soil conditionersfarms, 2017	106	247	794	69	36	381
2012	127	313	694	57	36	358
acres treated, 2017	21,456	9,916	242,140	2,512	3,837	19,995
2012	23,699	32,913	228,389	9,535	727	22,148
Cropland fertilized, except cropland pasturefarms, 2017	88	230	783	62	23	353
2012	109	305	684	39	27	338
acres treated, 2017	19,290	9,757	240,671	1,230	95	17,937
2012	21,358	(D)	225,858	1,268	404	16,337
Pastureland and rangeland fertilizedfarms, 2017	28	17	7	13	13	29
2012	29	9	12	18	9	25
acres treated, 2017	2,166	159	1,469	1,282	3,742	2,058
2012	2,341	(D)	2,531	8,267	323	5,811
Manurefarms, 2017	41	56	127	62	24	76
2012	23	70	113	55	24	107
acres treated, 2017	1,890	739	30,893	12,469	2,342	3,005
2012	3,511	3,474	30,486	9,451	245	1,008
Organic fertilizer (see text)farms, 2017	6	55	60	36	8	109
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	942	554	10,454	857	16	2,174
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	27	148	714	30	8	172
2012	36	248	622	29	15	202
acres, 2017	20,973	11,948	256,560	479	(D)	16,762
2012	11,381	26,726	213,431	524	260	8,913
Weeds, grass, or brushfarms, 2017	82	119	762	29	49	258
2012	124	236	702	41	39	280
acres, 2017	39,810	12,520	249,339	6,283	883	26,303
2012	26,532	30,231	197,240	1,989	677	14,306
Nematodesfarms, 2017	3	14	124	3	3	35
2012	1	34	95	7	3	47
acres, 2017	(D)	(D)	41,362	25	(D)	2,277
2012	(D)	14,025	15,909	53	48	774
Diseases in crops and orchardsfarms, 2017	7	82	397	22	10	176
2012	10	103	370	23	10	163
acres, 2017	195	2,126	113,204	202	77	14,195
2012	2,110	2,783	107,553	465	252	10,691
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	2	8	102	3	2	31
2012	2	55	331	3	2	111
acres on which used, 2017	(D)	159	40,036	(D)	(D)	1,193
2012	(D)	912	33,072	347	(D)	4,699

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

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

Item	Merced	Modoc	Mono	Monterey	Napa	Nevada	Orange
Commercial fertilizer, lime, and soil conditioners farms, 2017	1,419	162	10	552	1,028	144	99
..... 2012	1,401	138	7	471	788	158	122
..... acres treated, 2017	418,718	61,020	4,487	281,977	49,859	1,262	4,584
..... 2012	390,625	83,194	3,312	254,521	34,201	1,439	9,471
Cropland fertilized, except cropland pasture farms, 2017	1,389	132	10	519	1,020	109	93
..... 2012	1,350	125	7	460	788	136	118
..... acres treated, 2017	414,646	55,613	4,487	278,719	47,644	486	4,431
..... 2012	386,777	68,914	3,312	253,566	34,146	548	9,380
Pastureland and rangeland fertilized farms, 2017	42	38	-	37	13	40	6
..... 2012	65	31	-	15	4	24	6
..... acres treated, 2017	4,072	5,407	-	3,258	2,215	776	153
..... 2012	3,848	14,280	-	955	55	891	91
Manure farms, 2017	388	54	19	63	131	103	5
..... 2012	446	23	7	66	107	76	20
..... acres treated, 2017	115,688	7,903	1,045	33,464	3,325	489	170
..... 2012	123,155	6,608	490	12,306	5,874	557	101
Organic fertilizer (see text) farms, 2017	109	31	-	155	299	87	10
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	34,993	4,398	-	27,961	6,801	621	299
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	1,264	72	6	407	702	24	62
..... 2012	1,152	62	9	423	690	88	94
..... acres, 2017	460,755	49,689	1,581	314,946	33,633	326	3,945
..... 2012	328,774	51,393	5,015	234,354	30,694	346	7,961
Weeds, grass, or brush farms, 2017	1,409	122	13	392	830	85	58
..... 2012	1,427	130	12	417	762	171	108
..... acres, 2017	451,275	80,930	4,466	308,895	40,345	1,160	5,029
..... 2012	392,999	80,886	5,759	155,322	36,319	982	7,876
Nematodes farms, 2017	275	16	-	94	230	9	15
..... 2012	223	10	-	128	176	12	18
..... acres, 2017	65,713	5,859	-	92,430	6,910	219	658
..... 2012	51,607	3,558	-	45,516	4,855	49	1,003
Diseases in crops and orchards farms, 2017	761	10	-	226	761	51	39
..... 2012	604	7	-	199	559	79	60
..... acres, 2017	143,178	6,277	-	139,682	41,236	204	2,348
..... 2012	122,338	1,454	-	73,325	24,642	220	3,443
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	223	4	-	32	231	6	5
..... 2012	376	6	-	88	375	15	15
..... acres on which used, 2017	88,495	2,186	-	15,180	7,932	55	104
..... 2012	79,583	818	-	8,840	14,038	143	341

Item	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego
Commercial fertilizer, lime, and soil conditioners farms, 2017	216	23	1,047	389	154	273	2,215
..... 2012	314	17	1,054	392	160	323	2,602
..... acres treated, 2017	16,810	3,402	115,877	92,643	15,321	12,514	33,285
..... 2012	18,786	5,288	135,080	73,293	16,904	13,595	35,051
Cropland fertilized, except cropland pasture farms, 2017	175	21	1,025	343	133	270	2,208
..... 2012	233	15	1,033	356	149	313	2,582
..... acres treated, 2017	(D)	3,307	115,756	85,894	15,252	12,357	33,090
..... 2012	15,337	(D)	134,745	67,882	16,511	13,366	33,272
Pastureland and rangeland fertilized farms, 2017	47	3	31	62	21	4	11
..... 2012	92	2	24	43	25	15	34
..... acres treated, 2017	(D)	95	121	6,749	69	157	195
..... 2012	3,449	(D)	335	5,411	393	229	1,779
Manure farms, 2017	99	9	195	107	30	85	331
..... 2012	132	4	244	104	35	140	352
..... acres treated, 2017	2,550	213	5,735	5,358	475	6,528	2,981
..... 2012	1,926	395	21,235	4,408	860	6,767	3,584
Organic fertilizer (see text) farms, 2017	45	2	246	42	57	60	553
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	(D)	7,865	3,841	4,133	3,286	5,472
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	105	1	602	218	92	236	958
..... 2012	184	9	650	305	116	259	1,190
..... acres, 2017	3,293	(D)	120,418	61,176	16,578	13,688	22,606
..... 2012	10,212	(D)	122,163	45,396	13,860	8,460	25,797
Weeds, grass, or brush farms, 2017	226	18	636	314	113	246	1,137
..... 2012	326	26	871	421	162	322	1,948
..... acres, 2017	10,785	2,602	120,235	92,117	16,734	16,013	24,282
..... 2012	13,487	8,481	128,029	68,620	15,160	14,524	27,685
Nematodes farms, 2017	4	-	75	29	17	24	64
..... 2012	16	4	95	51	14	35	130
..... acres, 2017	180	-	14,963	4,571	1,818	2,027	1,369
..... 2012	591	20	18,180	2,280	2,128	502	2,304
Diseases in crops and orchards farms, 2017	73	-	256	126	82	99	515
..... 2012	95	4	294	135	85	109	631
..... acres, 2017	2,490	-	21,487	22,001	7,694	2,221	9,349
..... 2012	4,416	(D)	29,431	21,123	6,372	2,054	6,957
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	7	-	109	50	26	37	184
..... 2012	31	-	290	55	42	63	435
..... acres on which used, 2017	50	-	30,969	8,746	1,647	780	4,746
..... 2012	239	-	42,779	9,903	1,663	1,219	6,539

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

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

Item	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz
Commercial fertilizer, lime, and soil conditionersfarms, 2017	3	2,167	888	75	736	316	291
2012	-	1,978	997	111	755	388	300
acres treated, 2017	3	404,472	81,352	2,730	114,266	21,928	18,465
2012	-	365,902	90,570	2,198	79,242	16,531	28,450
Cropland fertilized, except cropland pasturefarms, 2017	3	2,135	826	73	704	293	285
2012	-	1,915	951	109	727	361	296
acres treated, 2017	3	401,090	77,821	(D)	108,601	16,964	17,526
2012	-	360,659	86,083	(D)	76,660	15,997	(D)
Pastureland and rangeland fertilizedfarms, 2017	-	56	77	2	39	25	8
2012	-	102	77	2	43	35	10
acres treated, 2017	-	3,382	3,531	(D)	5,665	4,964	939
2012	-	5,243	4,487	(D)	2,582	534	(D)
Manurefarms, 2017	-	186	142	31	72	57	48
2012	-	210	202	29	87	63	82
acres treated, 2017	-	20,431	4,976	948	4,527	1,456	592
2012	-	21,611	6,743	217	2,669	400	1,376
Organic fertilizer (see text)farms, 2017	-	96	153	35	178	37	113
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	-	6,368	3,830	425	8,549	1,016	1,844
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	3	1,994	570	35	483	188	188
2012	-	1,786	708	69	519	310	250
acres, 2017	3	391,959	54,960	1,328	121,506	16,209	17,853
2012	-	314,105	50,571	2,118	70,633	14,341	22,038
Weeds, grass, or brushfarms, 2017	3	2,216	727	36	474	221	125
2012	-	2,135	1,012	101	663	420	288
acres, 2017	3	419,336	73,276	1,519	116,725	17,145	12,158
2012	-	364,973	81,826	3,309	69,117	18,219	15,553
Nematodesfarms, 2017	-	383	71	6	60	28	29
2012	-	359	128	24	124	78	72
acres, 2017	-	38,009	9,342	700	18,917	4,509	5,569
2012	-	43,645	13,030	389	14,952	2,183	7,949
Diseases in crops and orchardsfarms, 2017	-	1,195	312	17	227	129	177
2012	-	1,056	365	47	278	193	184
acres, 2017	-	173,905	29,425	793	43,465	7,803	10,156
2012	-	154,393	22,986	795	37,598	6,553	8,792
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	-	401	95	1	60	39	21
2012	-	699	266	3	147	70	68
acres on which used, 2017	-	47,248	5,062	(D)	8,738	427	3,191
2012	-	78,933	22,658	(D)	10,944	3,802	2,982
Item	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter
Commercial fertilizer, lime, and soil conditionersfarms, 2017	257	8	211	297	1,538	2,263	786
2012	329	7	229	271	1,289	2,091	879
acres treated, 2017	22,228	678	61,237	102,346	68,175	320,695	196,724
2012	15,644	692	87,533	109,962	53,903	258,756	224,249
Cropland fertilized, except cropland pasturefarms, 2017	160	8	159	268	1,457	2,173	771
2012	233	6	189	246	1,246	1,991	838
acres treated, 2017	19,270	678	51,256	95,763	57,243	311,685	195,843
2012	13,183	(D)	83,024	99,113	48,846	248,845	223,199
Pastureland and rangeland fertilizedfarms, 2017	103	-	77	36	97	113	17
2012	115	1	71	32	56	134	55
acres treated, 2017	2,958	-	9,981	6,583	10,932	9,010	881
2012	2,461	(D)	4,509	10,849	5,057	9,911	1,050
Manurefarms, 2017	116	4	66	41	348	460	39
2012	98	2	85	54	349	494	55
acres treated, 2017	1,916	(D)	7,272	3,005	22,155	70,868	3,613
2012	1,702	(D)	10,821	7,350	21,062	53,674	6,654
Organic fertilizer (see text)farms, 2017	76	4	35	44	472	119	38
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	776	(D)	5,858	1,103	10,844	10,635	5,452
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	108	-	106	188	719	2,012	659
2012	136	2	120	184	778	1,743	713
acres, 2017	6,233	-	43,305	73,824	40,483	321,379	155,344
2012	8,316	(D)	44,463	59,677	38,045	226,082	196,198
Weeds, grass, or brushfarms, 2017	176	1	149	294	1,132	2,283	745
2012	295	9	200	338	1,259	2,245	858
acres, 2017	18,189	(D)	47,403	141,211	65,288	327,712	190,014
2012	14,783	1,178	82,752	143,276	50,994	272,224	210,114
Nematodesfarms, 2017	7	-	16	20	219	405	117
2012	20	-	18	28	193	324	73
acres, 2017	105	-	3,189	5,101	10,523	29,211	20,251
2012	173	-	13,416	4,687	8,279	26,415	9,382
Diseases in crops and orchardsfarms, 2017	59	-	23	139	889	1,332	488
2012	91	-	21	120	797	1,142	478
acres, 2017	357	-	3,219	24,022	32,209	164,542	79,220
2012	722	-	8,877	20,656	33,804	126,100	85,628
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	10	-	5	41	243	208	139
2012	29	-	4	88	392	554	239
acres on which used, 2017	104	-	(D)	7,767	8,822	35,644	21,012
2012	415	-	650	8,849	13,879	48,387	28,961

--continued

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

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

Item	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba
Commercial fertilizer, lime, and soil conditioners farms, 2017	511	36	2,566	31	1,255	451	308
2012	494	57	2,527	48	1,172	502	333
acres treated, 2017	52,470	384	487,348	1,656	91,074	203,835	57,822
2012	50,123	(D)	429,872	1,698	75,189	216,103	58,363
Cropland fertilized, except cropland pasture farms, 2017	433	23	2,523	22	1,238	438	276
2012	434	44	2,496	26	1,164	480	298
acres treated, 2017	46,819	143	479,960	323	89,702	201,676	57,275
2012	44,543	201	428,312	240	73,405	214,812	57,320
Pastureland and rangeland fertilized farms, 2017	94	13	65	9	26	21	39
2012	81	15	43	22	18	33	50
acres treated, 2017	5,651	241	7,388	1,333	1,372	2,159	547
2012	5,580	(D)	1,560	1,458	1,784	1,291	1,043
Manure farms, 2017	59	39	390	27	99	69	66
2012	86	45	606	33	146	56	67
acres treated, 2017	3,426	277	87,312	1,339	3,270	7,150	1,488
2012	4,266	155	119,481	913	4,589	4,041	2,350
Organic fertilizer (see text) farms, 2017	27	14	201	27	129	93	27
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	661	20	20,666	196	5,097	16,023	988
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	353	20	2,355	22	910	346	218
2012	347	37	2,398	37	803	361	259
acres, 2017	44,103	194	495,691	1,297	93,977	164,238	53,268
2012	26,680	244	376,841	95	68,929	141,104	52,498
Weeds, grass, or brush farms, 2017	469	13	2,569	53	1,027	467	280
2012	476	40	2,877	69	1,102	530	316
acres, 2017	50,144	(D)	531,853	1,814	84,621	251,577	60,178
2012	34,490	331	491,634	1,701	66,210	219,336	56,101
Nematodes farms, 2017	41	2	360	2	153	35	27
2012	33	12	373	6	165	48	32
acres, 2017	2,715	(D)	56,510	(D)	16,648	9,161	1,994
2012	733	24	42,110	12	18,553	9,605	1,299
Diseases in crops and orchards farms, 2017	252	20	1,202	15	388	242	172
2012	226	28	1,018	18	396	194	152
acres, 2017	33,709	35	171,082	122	30,824	105,193	40,992
2012	16,666	113	101,622	68	34,096	52,513	22,062
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	53	1	858	2	162	76	54
2012	136	5	1,219	8	295	115	55
acres on which used, 2017	4,111	(D)	114,209	(D)	5,391	23,993	12,580
2012	23,880	148	168,631	(D)	14,984	26,473	7,088