

**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017**

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

Item	California	Alameda	Alpine	Amador	Butte	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	29,416	70	-	121	789
	2017	32,613	95	-	136	1,011
acres treated, 2022	7,082,078	6,069	-	2,208	164,511	
	2017	6,658,418	6,379	-	7,195	179,330
Cropland fertilized, except cropland pasture .....	farms, 2022	28,414	67	-	114	759
	2017	31,202	84	-	120	961
acres treated, 2022	6,864,805	(D)	-	2,122	163,801	
	2017	6,513,329	5,771	-	(D)	178,498
Pastureland and rangeland fertilized .....	farms, 2022	1,316	4	-	9	37
	2017	1,740	11	-	16	61
acres treated, 2022	217,273	(D)	-	86	710	
	2017	145,089	608	-	(D)	832
Manure .....	farms, 2022	5,423	17	1	23	119
	2017	5,725	4	-	28	89
acres treated, 2022	736,277	141	(D)	91	4,926	
	2017	656,688	(D)	-	192	5,773
Organic fertilizer .....	farms, 2022	4,651	19	-	19	105
	2017	4,730	12	-	16	102
acres treated, 2022	336,940	54	-	351	5,846	
	2017	336,701	177	-	1,752	15,461
Acres treated to control- Insects .....	farms, 2022	21,193	34	-	93	635
	2017	24,393	57	-	101	823
acres, 2022	4,811,723	866	-	1,925	133,040	
	2017	6,513,981	4,952	-	4,710	135,870
Weeds, grass, or brush .....	farms, 2022	24,792	62	-	135	748
	2017	28,404	90	-	155	1,001
acres, 2022	5,554,203	1,349	-	2,411	142,595	
	2017	7,007,896	5,963	-	6,153	167,217
Nematodes .....	farms, 2022	5,301	5	-	20	108
	2017	4,381	8	-	13	127
acres, 2022	1,316,284	13	-	597	20,149	
	2017	913,554	760	-	284	6,614
Diseases in crops and orchards .....	farms, 2022	12,965	18	-	59	504
	2017	15,192	41	-	72	728
acres, 2022	2,565,494	507	-	977	111,924	
	2017	2,686,889	3,453	-	1,071	118,119
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	16,291	24	-	64	424
	2017	5,392	8	-	5	195
acres on which used, 2022	3,633,416	3,511	-	1,959	64,983	
	2017	1,059,120	86	-	172	21,220

  

Item	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	100	367	91	9	264	2,809
	2017	118	562	128	18	336	3,032
acres treated, 2022	8,073	179,538	10,208	988	2,096	875,113	
	2017	9,141	209,770	23,830	1,777	2,904	837,968
Cropland fertilized, except cropland pasture .....	farms, 2022	68	364	84	9	228	2,787
	2017	92	559	113	14	290	3,001
acres treated, 2022	895	(D)	10,185	988	1,710	874,384	
	2017	6,090	206,439	23,277	1,301	2,321	834,878
Pastureland and rangeland fertilized .....	farms, 2022	32	6	7	-	38	33
	2017	29	12	15	5	51	36
acres treated, 2022	7,178	(D)	23	-	386	729	
	2017	3,051	3,331	553	476	583	3,090
Manure .....	farms, 2022	41	15	27	5	138	409
	2017	22	26	19	7	165	489
acres treated, 2022	272	830	335	(D)	830	108,237	
	2017	292	4,910	157	1,646	1,703	74,158
Organic fertilizer .....	farms, 2022	17	11	8	1	99	252
	2017	43	35	20	-	85	228
acres treated, 2022	242	717	29	(D)	392	43,903	
	2017	105	5,563	1,169	-	369	30,685
Acres treated to control- Insects .....	farms, 2022	49	295	72	8	165	2,324
	2017	78	450	91	8	163	2,914
acres, 2022	830	123,056	6,413	847	1,212	580,058	
	2017	2,856	191,653	13,868	444	1,753	906,043
Weeds, grass, or brush .....	farms, 2022	84	334	85	8	254	2,512
	2017	138	561	119	9	353	3,017
acres, 2022	1,950	142,978	12,198	706	1,530	650,265	
	2017	5,464	226,646	41,541	409	3,177	914,988
Nematodes .....	farms, 2022	9	35	9	4	17	705
	2017	8	50	8	7	29	724
acres, 2022	169	13,224	162	310	68	149,086	
	2017	33	9,215	(D)	228	192	210,945
Diseases in crops and orchards .....	farms, 2022	30	189	42	3	141	1,372
	2017	45	328	56	8	169	1,544
acres, 2022	530	77,328	864	155	1,047	328,754	
	2017	219	109,349	4,356	254	1,789	389,275
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	22	198	32	-	108	2,381
	2017	17	85	16	-	50	936
acres on which used, 2022	1,044	56,331	3,066	-	1,927	588,061	
	2017	111	26,901	1,710	-	370	160,113

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**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

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

Item	Glenn	Humboldt	Imperial	Inyo	Kern	Kings	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	622	114	383	13	932	552
	2017	753	141	331	8	826	575
acres treated, 2022	175,198	2,443	572,512	6,179	702,477	326,747	
	2017	218,616	2,654	430,279	1,291	651,318	344,489
Cropland fertilized, except cropland pasture .....	farms, 2022	603	109	383	10	916	544
	2017	734	103	326	6	818	546
acres treated, 2022	164,369	(D)	572,032	5,695	701,468	326,636	
	2017	214,916	1,567	428,903	(D)	651,191	339,288
Pastureland and rangeland fertilized .....	farms, 2022	33	6	12	3	25	14
	2017	27	40	5	2	12	33
acres treated, 2022	10,829	(D)	480	484	1,009	111	
	2017	3,700	1,087	1,376	(D)	127	5,201
Manure .....	farms, 2022	59	113	67	4	169	147
	2017	39	139	34	9	117	122
acres treated, 2022	6,909	6,161	52,481	(D)	56,212	39,390	
	2017	2,500	8,961	8,888	(D)	28,779	34,391
Organic fertilizer .....	farms, 2022	23	53	48	4	85	26
	2017	35	80	40	3	51	30
acres treated, 2022	4,999	353	17,356	4	13,470	1,766	
	2017	4,732	3,620	34,544	(D)	17,127	1,332
Acres treated to control- Insects .....	farms, 2022	436	65	305	7	622	389
	2017	654	37	265	-	756	509
acres, 2022	115,432	651	461,401	5,493	477,954	253,177	
	2017	204,195	826	436,451	-	718,855	375,927
Weeds, grass, or brush .....	farms, 2022	560	62	336	15	709	522
	2017	727	58	282	6	802	574
acres, 2022	137,582	1,749	476,357	6,733	538,895	315,835	
	2017	237,727	2,584	382,396	1,015	706,612	375,909
Nematodes .....	farms, 2022	66	14	114	-	194	108
	2017	81	6	66	-	149	75
acres, 2022	16,596	161	102,387	-	204,906	93,654	
	2017	15,686	(D)	37,596	-	134,671	17,486
Diseases in crops and orchards .....	farms, 2022	338	28	108	-	383	182
	2017	425	28	69	-	408	206
acres, 2022	86,031	189	112,476	-	341,584	88,213	
	2017	110,924	181	53,980	-	331,138	77,074
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	330	4	118	-	716	327
	2017	112	3	20	-	258	128
acres on which used, 2022	77,382	48	91,286	-	488,435	163,134	
	2017	12,981	(D)	9,241	-	188,703	134,395

  

Item	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	128	103	188	695	33	33
	2017	185	106	247	794	69	36
acres treated, 2022	8,964	46,391	12,055	295,111	2,013	2,519	
	2017	9,974	21,456	9,916	242,140	2,512	3,837
Cropland fertilized, except cropland pasture .....	farms, 2022	127	82	183	685	27	17
	2017	181	88	230	783	62	23
acres treated, 2022	(D)	44,427	12,032	294,239	873	1,099	
	2017	(D)	19,290	9,757	240,671	1,230	95
Pastureland and rangeland fertilized .....	farms, 2022	2	26	6	11	6	16
	2017	5	28	17	14	7	13
acres treated, 2022	(D)	1,964	23	872	1,140	1,420	
	2017	(D)	2,166	159	1,469	1,282	3,742
Manure .....	farms, 2022	44	32	44	148	41	13
	2017	52	41	56	127	62	24
acres treated, 2022	2,160	1,390	174	74,712	2,001	171	
	2017	377	1,890	739	30,893	12,469	2,342
Organic fertilizer .....	farms, 2022	43	17	41	73	27	5
	2017	62	6	55	60	36	8
acres treated, 2022	1,708	13,655	240	18,773	2,396	5	
	2017	864	942	554	10,454	857	16
Acres treated to control- Insects .....	farms, 2022	89	29	129	514	13	17
	2017	162	27	148	714	30	8
acres, 2022	3,748	17,296	5,017	182,231	64	965	
	2017	8,840	20,973	11,948	256,560	479	(D)
Weeds, grass, or brush .....	farms, 2022	101	67	139	569	29	47
	2017	154	82	119	762	29	49
acres, 2022	3,993	48,760	11,929	203,159	870	1,369	
	2017	9,492	39,810	12,520	249,339	6,283	883
Nematodes .....	farms, 2022	22	5	20	131	2	5
	2017	15	3	14	124	3	3
acres, 2022	1,361	11,532	(D)	45,907	(D)	13	
	2017	1,013	(D)	(D)	41,362	25	(D)
Diseases in crops and orchards .....	farms, 2022	62	10	59	317	7	9
	2017	94	7	82	397	22	10
acres, 2022	2,066	427	2,400	87,207	73	522	
	2017	6,468	195	2,126	113,204	202	77
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	116	8	31	610	9	6
	2017	28	2	8	102	3	2
acres on which used, 2022	8,883	483	2,488	194,721	532	745	
	2017	1,161	(D)	159	40,036	(D)	(D)

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**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

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

Item	Mendocino	Merced	Modoc	Mono	Monterey	Napa	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	276	1,313	141	13	565	1,030
	2017	381	1,419	162	10	552	1,028
acres treated, 2022	16,297	408,548	86,266	15,892	298,443	52,885	
	2017	19,995	418,718	61,020	4,487	281,977	49,859
Cropland fertilized, except cropland pasture	farms, 2022	262	1,286	129	11	543	1,026
	2017	353	1,389	132	10	519	1,020
acres treated, 2022	15,268	404,010	79,505	(D)	296,908	48,240	
	2017	17,937	414,646	55,613	4,487	278,719	47,644
Pastureland and rangeland fertilized	farms, 2022	15	35	34	2	22	8
	2017	29	42	38	-	37	13
acres treated, 2022	1,029	4,538	6,761	(D)	1,535	4,645	
	2017	2,058	4,072	5,407	-	3,258	2,215
Manure	farms, 2022	106	370	33	-	44	131
	2017	76	388	54	19	63	131
acres treated, 2022	5,332	94,073	4,869	-	5,169	3,371	
	2017	3,005	115,688	7,903	1,045	33,464	3,325
Organic fertilizer	farms, 2022	123	76	16	1	121	350
	2017	109	109	31	-	155	299
acres treated, 2022	5,844	10,544	2,331	(D)	34,131	10,273	
	2017	2,174	34,993	4,398	-	27,961	6,801
Acres treated to control- Insects	farms, 2022	182	1,019	84	8	458	724
	2017	172	1,264	72	6	407	702
acres, 2022	18,111	292,533	34,164	662	256,834	28,718	
	2017	16,762	460,755	49,689	1,581	314,946	33,633
Weeds, grass, or brush	farms, 2022	196	1,192	133	9	451	729
	2017	258	1,409	122	13	392	830
acres, 2022	16,719	343,137	61,284	15,568	245,174	27,594	
	2017	26,303	451,275	80,930	4,466	308,895	40,345
Nematodes	farms, 2022	44	276	15	-	164	297
	2017	35	275	16	-	94	230
acres, 2022	1,580	73,773	4,383	-	135,646	9,910	
	2017	2,277	65,713	5,859	-	92,430	6,910
Diseases in crops and orchards	farms, 2022	127	568	14	-	266	630
	2017	176	761	10	-	226	761
acres, 2022	7,221	123,596	4,334	-	171,000	26,279	
	2017	14,195	143,178	6,277	-	139,682	41,236
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	163	903	17	6	265	485
	2017	31	223	4	-	32	231
acres on which used, 2022	13,969	221,995	2,784	366	138,574	26,409	
	2017	1,193	88,495	2,186	-	15,180	7,932

  

Item	Nevada	Orange	Placer	Plumas	Riverside	Sacramento	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	104	68	268	31	922	399
	2017	144	99	216	23	1,047	389
acres treated, 2022	478	2,968	7,162	5,795	132,585	90,392	
	2017	1,262	4,584	16,810	3,402	115,877	92,643
Cropland fertilized, except cropland pasture	farms, 2022	83	68	201	17	915	369
	2017	109	93	175	21	1,025	343
acres treated, 2022	263	(D)	6,026	4,585	132,488	89,538	
	2017	486	4,431	(D)	3,307	115,756	85,894
Pastureland and rangeland fertilized	farms, 2022	25	1	77	14	25	35
	2017	40	6	47	3	31	62
acres treated, 2022	215	(D)	1,136	1,210	97	854	
	2017	776	153	(D)	95	121	6,749
Manure	farms, 2022	80	7	135	31	170	84
	2017	103	5	99	9	195	107
acres treated, 2022	537	13	1,552	713	7,047	1,382	
	2017	489	170	2,550	213	5,735	5,358
Organic fertilizer	farms, 2022	65	13	57	9	234	49
	2017	87	10	45	2	246	42
acres treated, 2022	142	23	1,002	336	6,093	1,294	
	2017	621	299	(D)	(D)	7,865	3,841
Acres treated to control- Insects	farms, 2022	53	65	117	13	510	258
	2017	24	62	105	1	602	218
acres, 2022	472	2,724	6,905	3,187	87,940	56,996	
	2017	326	3,945	3,293	(D)	120,418	61,176
Weeds, grass, or brush	farms, 2022	81	54	204	24	584	338
	2017	85	58	226	18	636	314
acres, 2022	569	2,008	8,870	5,123	101,865	79,748	
	2017	1,160	5,029	10,785	2,602	120,235	92,117
Nematodes	farms, 2022	13	13	10	1	116	46
	2017	9	15	4	-	75	29
acres, 2022	22	719	694	(D)	31,231	7,151	
	2017	219	658	180	-	14,963	4,571
Diseases in crops and orchards	farms, 2022	30	34	65	1	230	125
	2017	51	39	73	-	256	126
acres, 2022	97	1,499	3,558	(D)	17,939	35,833	
	2017	204	2,348	2,490	-	21,487	22,001
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	16	12	33	1	276	143
	2017	6	5	7	-	109	50
acres on which used, 2022	110	498	2,309	(D)	53,776	48,890	
	2017	55	104	50	-	30,969	8,746

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**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

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

Item	San Benito	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	139	230	1,742	1	853
	2017	154	273	2,215	3	888
acres treated, 2022	32,569	9,930	27,505	(D)	482,253	92,392
	2017	15,321	12,514	33,285	3	81,352
Cropland fertilized, except cropland pasture .....	farms, 2022	130	229	1,726	1	787
	2017	133	270	2,208	3	826
acres treated, 2022	31,932	9,925	27,035	(D)	475,113	90,807
	2017	15,252	12,357	33,090	3	77,821
Pastureland and rangeland fertilized .....	farms, 2022	9	3	16	-	87
	2017	21	4	11	-	77
acres treated, 2022	637	5	470	-	7,140	1,585
	2017	69	157	195	-	3,382
Manure .....	farms, 2022	31	74	250	-	217
	2017	30	85	331	-	186
acres treated, 2022	636	3,202	1,602	-	24,905	5,050
	2017	475	6,528	2,981	-	20,431
Organic fertilizer .....	farms, 2022	49	39	458	-	118
	2017	57	60	553	-	96
acres treated, 2022	7,647	1,037	4,093	-	15,638	6,185
	2017	4,133	3,286	5,472	-	6,368
Acres treated to control- Insects .....	farms, 2022	123	169	830	-	1,847
	2017	92	236	958	3	1,994
acres, 2022	27,889	4,756	18,543	-	352,654	59,913
	2017	16,578	13,688	22,606	3	391,959
Weeds, grass, or brush .....	farms, 2022	117	208	967	1	2,123
	2017	113	246	1,137	3	2,216
acres, 2022	22,215	9,540	18,112	(D)	394,091	73,409
	2017	16,734	16,013	24,282	3	419,336
Nematodes .....	farms, 2022	38	17	124	-	488
	2017	17	24	64	-	71
acres, 2022	12,905	635	1,797	-	66,861	24,284
	2017	1,818	2,027	1,369	-	38,009
Diseases in crops and orchards .....	farms, 2022	81	60	458	-	1,108
	2017	82	99	515	-	1,195
acres, 2022	22,375	1,143	6,798	-	173,030	35,104
	2017	7,694	2,221	9,349	-	173,905
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	56	71	328	-	1,564
	2017	26	37	184	-	401
acres on which used, 2022	10,638	3,845	13,569	-	299,952	59,069
	2017	1,647	780	4,746	-	47,248

  

Item	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	72	745	273	306	194	6
	2017	75	736	316	291	257	8
acres treated, 2022	1,738	114,247	17,989	17,263	16,548	7,162	
	2017	2,730	114,266	21,928	18,465	22,228	678
Cropland fertilized, except cropland pasture .....	farms, 2022	72	721	266	297	129	5
	2017	73	704	293	285	160	8
acres treated, 2022	1,738	112,540	17,576	17,247	9,763	(D)	
	2017	(D)	108,601	16,964	17,526	19,270	678
Pastureland and rangeland fertilized .....	farms, 2022	-	31	8	10	80	1
	2017	2	39	25	8	103	-
acres treated, 2022	(D)	1,707	413	16	6,785	(D)	
	2017	(D)	5,665	4,964	939	2,958	-
Manure .....	farms, 2022	26	78	50	68	67	4
	2017	31	72	57	48	116	4
acres treated, 2022	245	2,268	490	201	1,764	-	
	2017	948	4,527	1,456	592	1,916	(D)
Organic fertilizer .....	farms, 2022	12	164	75	138	12	-
	2017	35	178	37	113	76	4
acres treated, 2022	142	7,507	814	1,454	(D)	-	
	2017	425	8,549	1,016	1,844	776	(D)
Acres treated to control- Insects .....	farms, 2022	59	539	224	217	70	4
	2017	35	483	188	188	108	-
acres, 2022	1,339	89,767	15,773	15,529	6,462	913	
	2017	1,328	121,506	16,209	17,853	6,233	4
Weeds, grass, or brush .....	farms, 2022	69	501	242	186	163	4
	2017	36	474	221	125	176	1
acres, 2022	1,676	90,718	13,853	12,060	10,762	1,080	
	2017	1,519	116,725	17,145	12,158	18,189	(D)
Nematodes .....	farms, 2022	10	168	55	79	4	-
	2017	6	60	28	29	7	-
acres, 2022	445	52,106	6,109	9,998	(D)	-	
	2017	700	18,917	4,509	5,569	105	-
Diseases in crops and orchards .....	farms, 2022	27	295	142	188	33	-
	2017	17	227	129	177	59	-
acres, 2022	681	64,859	12,901	12,439	478	-	
	2017	793	43,465	7,803	10,156	357	-
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	9	288	82	90	32	-
	2017	1	60	39	21	10	-
acres on which used, 2022	840	70,186	11,871	10,581	842	-	
	2017	(D)	8,738	427	3,191	104	-

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**Table 40. Fertilizers and Chemicals Applied: 2022 and 2017 (continued)**

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

Item	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	175	289	1,387	2,170	543	293
	2017	211	297	1,538	2,263	786	511
acres treated, 2022	70,057	100,690	79,451	364,244	135,072	125,978	
	2017	61,237	102,346	68,175	320,695	196,724	52,470
Cropland fertilized, except cropland pasture	farms, 2022	151	279	1,330	2,123	539	263
	2017	159	268	1,457	2,173	771	433
acres treated, 2022	55,648	(D)	68,472	349,698	134,975	47,808	
	2017	51,256	95,763	57,243	311,685	195,843	46,819
Pastureland and rangeland fertilized	farms, 2022	35	15	78	78	6	37
	2017	77	36	97	113	17	94
acres treated, 2022	14,409	(D)	10,979	14,546	97	78,170	
	2017	9,981	6,583	10,932	9,010	881	5,651
Manure	farms, 2022	66	52	302	395	14	35
	2017	66	41	348	460	39	59
acres treated, 2022	9,728	1,560	15,016	78,286	(D)	1,976	
	2017	7,272	3,005	22,155	70,868	3,613	3,426
Organic fertilizer	farms, 2022	65	38	493	140	14	25
	2017	35	44	472	119	38	27
acres treated, 2022	10,323	1,891	11,576	21,060	1,602	888	
	2017	5,858	1,103	10,844	10,635	5,452	661
Acres treated to control- Insects	farms, 2022	86	207	789	1,808	422	226
	2017	106	188	719	2,012	659	353
acres, 2022	22,387	69,051	38,035	247,700	102,350	30,457	
	2017	43,305	73,824	40,483	321,379	155,344	44,103
Weeds, grass, or brush	farms, 2022	125	246	1,038	2,126	520	297
	2017	149	294	1,132	2,283	745	469
acres, 2022	37,200	95,367	51,602	268,937	105,127	33,933	
	2017	47,403	141,211	65,288	327,712	190,014	50,144
Nematodes	farms, 2022	20	39	260	451	73	40
	2017	16	20	219	405	117	41
acres, 2022	4,951	6,776	8,061	42,916	16,340	6,469	
	2017	3,189	5,101	10,523	29,211	20,251	2,715
Diseases in crops and orchards	farms, 2022	21	121	736	1,165	293	162
	2017	23	139	889	1,332	488	252
acres, 2022	5,898	22,703	25,418	153,801	58,955	26,525	
	2017	3,219	24,022	32,209	164,542	79,220	33,709
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	14	127	695	1,443	349	210
	2017	5	41	243	208	139	53
acres on which used, 2022	2,636	25,844	46,030	233,742	48,406	39,381	
	2017	(D)	7,767	8,822	35,644	21,012	4,111

  

Item	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	19	2,387	32	1,074	425	344
	2017	36	2,566	31	1,255	451	308
acres treated, 2022	(D)	530,242	607	88,307	170,145	78,393	
	2017	384	487,348	1,656	91,074	203,835	57,822
Cropland fertilized, except cropland pasture	farms, 2022	18	2,347	23	1,066	416	307
	2017	23	2,523	22	1,238	438	276
acres treated, 2022	(D)	527,003	239	88,087	167,016	77,057	
	2017	143	479,960	323	89,702	201,676	57,275
Pastureland and rangeland fertilized	farms, 2022	2	51	9	20	43	39
	2017	13	65	368	26	21	1,336
acres treated, 2022	(D)	3,239	368	220	3,129	547	
	2017	241	7,388	1,333	1,372	2,159	547
Manure	farms, 2022	9	393	22	79	75	38
	2017	39	390	27	99	69	66
acres treated, 2022	9	88,345	185	2,393	10,827	1,898	
	2017	277	87,312	1,339	3,270	7,150	1,488
Organic fertilizer	farms, 2022	14	250	6	173	66	43
	2017	14	201	27	129	93	27
acres treated, 2022	14	30,904	8	4,449	7,299	3,614	
	2017	20	20,666	196	5,097	16,023	988
Acres treated to control- Insects	farms, 2022	10	1,905	19	716	317	281
	2017	20	2,355	22	910	346	218
acres, 2022	42	304,709	144	71,952	98,554	71,882	
	2017	194	495,691	1,297	93,977	164,238	53,268
Weeds, grass, or brush	farms, 2022	13	2,236	45	833	412	306
	2017	13	2,569	53	1,027	467	280
acres, 2022	(D)	417,669	486	67,189	146,241	72,028	
	2017	(D)	531,853	1,814	84,621	251,577	60,178
Nematodes	farms, 2022	2	414	3	186	66	40
	2017	2	360	2	153	35	27
acres, 2022	(D)	56,613	(D)	35,918	19,300	15,734	
	2017	(D)	56,510	(D)	16,648	9,161	1,994
Diseases in crops and orchards	farms, 2022	4	1,073	9	344	220	170
	2017	20	1,202	15	388	242	172
acres, 2022	(D)	157,617	77	46,636	65,550	37,630	
	2017	35	171,082	122	30,824	105,193	40,992
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	3	1,779	6	519	273	87
	2017	1	858	2	162	76	54
acres on which used, 2022	39	345,046	(D)	59,589	74,600	17,718	
	2017	(D)	114,209	(D)	5,391	23,993	12,580