

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

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

Item	North Dakota	Adams	Barnes	Benson	Billings	Bottineau	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	12,678	120	378	220	54	370
	2017	13,247	143	387	267	65	351
acres treated, 2022	15,510,781	243,954	424,896	324,435	50,110	554,953	
	2017	17,819,095	251,806	568,056	375,232	48,566	621,049
Cropland fertilized, except cropland pasture .....	farms, 2022	12,419	117	373	218	54	364
	2017	12,929	136	384	259	56	347
acres treated, 2022	15,389,747	243,414	422,348	316,275	(D)	554,544	
	2017	17,737,072	251,044	567,380	372,999	46,145	619,563
Pastureland and rangeland fertilized .....	farms, 2022	434	3	8	9	2	7
	2017	610	8	6	15	10	10
acres treated, 2022	121,034	540	2,548	8,160	(D)	409	
	2017	82,023	762	676	2,233	2,421	1,486
Manure .....	farms, 2022	2,510	33	77	40	37	52
	2017	3,219	40	96	61	35	20
acres treated, 2022	282,765	3,758	6,653	3,179	2,308	2,631	
	2017	262,448	2,469	8,782	3,199	2,778	1,560
Organic fertilizer .....	farms, 2022	127	-	1	10	-	3
	2017	114	-	10	-	-	1
acres treated, 2022	82,041	-	(D)	4,210	-	-	5,001
	2017	39,646	-	1,115	-	-	(D)
Acres treated to control- Insects .....	farms, 2022	4,342	39	95	63	13	166
	2017	4,697	39	223	43	11	128
acres, 2022	4,357,850	51,510	74,454	54,791	17,307	202,095	
	2017	5,304,802	37,977	296,835	34,037	4,006	133,015
Weeds, grass, or brush .....	farms, 2022	13,386	133	402	252	55	390
	2017	13,407	148	384	262	71	357
acres, 2022	18,516,796	247,938	606,058	390,439	44,668	650,771	
	2017	22,307,700	268,437	710,466	457,485	57,076	698,927
Nematodes .....	farms, 2022	675	-	26	2	6	16
	2017	467	3	10	6	1	6
acres, 2022	490,920	-	8,029	(D)	13,143	13,935	
	2017	455,878	770	6,809	8,096	(D)	5,844
Diseases in crops and orchards .....	farms, 2022	2,976	29	50	54	11	117
	2017	3,510	37	84	80	12	147
acres, 2022	3,176,890	37,279	26,315	46,082	19,115	134,072	
	2017	4,478,478	41,440	79,439	124,636	14,878	194,884
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	1,111	4	27	12	-	30
	2017	1,022	4	20	21	-	30
acres on which used, 2022	689,963	899	9,706	9,450	-	18,056	
	2017	862,956	2,332	14,131	16,949	-	31,123

  

Item	Bowman	Burke	Burleigh	Cass	Cavalier	Dickey	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	103	187	204	495	414	211
	2017	105	148	254	536	377	240
acres treated, 2022	165,577	181,906	199,812	563,727	599,381	213,821	
	2017	145,727	218,509	207,957	801,536	681,979	309,166
Cropland fertilized, except cropland pasture .....	farms, 2022	100	174	184	495	414	207
	2017	101	147	213	521	377	238
acres treated, 2022	165,574	177,793	198,549	(D)	599,381	213,729	
	2017	145,423	(D)	205,769	800,694	681,915	308,393
Pastureland and rangeland fertilized .....	farms, 2022	3	17	20	2	3	6
	2017	5	1	46	19	-	9
acres treated, 2022	3	4,113	1,263	(D)	64	92	
	2017	304	(D)	2,188	842	-	773
Manure .....	farms, 2022	19	22	72	29	3	51
	2017	23	28	128	62	14	72
acres treated, 2022	3,179	1,033	7,676	1,379	(D)	5,314	
	2017	804	1,444	18,141	4,289	1,214	7,815
Organic fertilizer .....	farms, 2022	-	-	3	4	-	5
	2017	-	2	7	7	6	4
acres treated, 2022	-	-	(D)	(D)	-	(D)	
	2017	-	(D)	(D)	1,202	2,401	(D)
Acres treated to control- Insects .....	farms, 2022	30	34	71	198	183	27
	2017	25	37	55	308	200	65
acres, 2022	36,212	38,414	42,023	187,861	198,189	60,904	
	2017	13,622	29,817	38,906	414,584	226,875	80,485
Weeds, grass, or brush .....	farms, 2022	123	185	247	510	429	225
	2017	114	152	253	527	375	244
acres, 2022	174,623	222,881	232,986	792,795	634,931	335,094	
	2017	201,569	276,376	276,232	984,407	821,074	442,089
Nematodes .....	farms, 2022	-	13	9	29	16	10
	2017	1	3	3	56	7	13
acres, 2022	-	18,142	6,349	24,454	17,312	4,615	
	2017	(D)	6,883	2,189	79,754	5,357	18,583
Diseases in crops and orchards .....	farms, 2022	14	31	36	107	171	18
	2017	15	36	46	110	217	22
acres, 2022	29,950	38,846	28,320	64,778	243,969	6,215	
	2017	56,968	46,340	33,721	111,502	410,435	27,139
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	2	12	15	37	92	11
	2017	7	21	4	20	46	11
acres on which used, 2022	(D)	4,306	8,065	14,371	98,938	5,934	
	2017	7,889	41,044	1,582	14,580	70,892	8,067

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

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

Item	Divide	Dunn	Eddy	Emmons	Foster	Golden Valley	Grand Forks
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	234	224	138	297	147	66	441
..... farms, 2017	203	211	160	296	153	100	425
..... acres treated, 2022	285,492	180,787	149,995	345,449	148,252	91,527	442,956
..... acres treated, 2017	330,291	199,412	167,309	303,980	221,479	130,958	549,827
Cropland fertilized, except cropland pasture ..... farms, 2022	231	212	133	296	147	66	437
..... farms, 2017	203	200	155	295	153	97	424
..... acres treated, 2022	285,387	172,599	149,288	343,084	148,252	(D)	442,578
..... acres treated, 2017	(D)	196,763	163,667	298,457	(D)	126,524	548,775
Pastureland and rangeland fertilized ..... farms, 2022	4	22	7	13	-	1	10
..... farms, 2017	1	17	20	13	2	9	16
..... acres treated, 2022	105	8,188	707	2,365	-	(D)	378
..... acres treated, 2017	(D)	2,649	3,642	5,523	(D)	4,434	1,052
Manure ..... farms, 2022	20	86	40	90	25	13	34
..... farms, 2017	25	74	49	100	45	33	28
..... acres treated, 2022	1,474	10,667	2,955	7,727	16,423	2,372	1,750
..... acres treated, 2017	3,991	3,679	4,063	14,086	4,317	2,648	1,928
Organic fertilizer ..... farms, 2022	-	-	-	3	1	-	2
..... farms, 2017	3	4	-	6	5	-	2
..... acres treated, 2022	-	-	-	5,228	(D)	-	(D)
..... acres treated, 2017	1,870	160	-	1,880	732	-	(D)
Acres treated to control-							
Insects ..... farms, 2022	84	49	43	83	28	42	229
..... farms, 2017	26	36	20	107	31	27	344
..... acres, 2022	110,223	23,336	39,648	73,751	22,241	40,646	155,651
..... acres, 2017	24,109	44,735	19,112	80,139	39,127	20,380	400,053
Weeds, grass, or brush ..... farms, 2022	226	234	145	300	148	97	470
..... farms, 2017	201	219	163	273	157	99	425
..... acres, 2022	294,848	181,092	184,474	407,415	229,014	95,560	523,706
..... acres, 2017	414,808	239,107	186,044	418,326	308,195	188,797	612,861
Nematodes ..... farms, 2022	10	2	9	9	8	3	52
..... farms, 2017	5	-	3	4	3	-	21
..... acres, 2022	1,830	(D)	6,451	3,592	1,456	27	26,115
..... acres, 2017	8,183	-	1,485	2,800	2,694	-	26,405
Diseases in crops and orchards ..... farms, 2022	46	23	16	39	38	22	186
..... farms, 2017	41	31	24	32	33	14	193
..... acres, 2022	40,353	13,644	14,313	46,391	47,165	28,815	156,282
..... acres, 2017	76,036	34,886	6,722	28,395	35,689	36,717	225,956
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	36	5	9	16	2	-	91
..... farms, 2017	26	1	9	2	12	3	76
..... acres on which used, 2022	13,960	645	2,084	4,958	(D)	-	35,850
..... acres on which used, 2017	12,836	(D)	6,162	(D)	8,459	1,717	47,434
Item	Grant	Griggs	Hettinger	Kidder	LaMoure	Logan	McHenry
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	231	161	166	208	325	150	289
..... farms, 2017	193	190	181	213	371	202	278
..... acres treated, 2022	236,598	173,663	356,681	229,329	312,515	130,171	290,994
..... acres treated, 2017	221,696	226,281	357,985	172,736	419,847	160,652	309,552
Cropland fertilized, except cropland pasture ..... farms, 2022	222	161	166	203	320	150	279
..... farms, 2017	192	186	174	213	360	200	276
..... acres treated, 2022	220,022	(D)	356,681	225,355	311,065	128,477	286,332
..... acres treated, 2017	(D)	224,989	356,813	170,856	416,539	159,930	308,246
Pastureland and rangeland fertilized ..... farms, 2022	13	1	-	12	10	5	18
..... farms, 2017	3	10	8	7	24	9	9
..... acres treated, 2022	16,576	(D)	-	3,974	1,450	1,694	4,662
..... acres treated, 2017	(D)	1,292	1,172	1,880	3,308	722	1,306
Manure ..... farms, 2022	74	40	34	69	71	57	96
..... farms, 2017	99	73	31	117	73	79	100
..... acres treated, 2022	5,763	2,046	1,600	7,969	18,279	5,392	8,971
..... acres treated, 2017	7,909	4,144	1,643	7,595	4,465	11,335	11,060
Organic fertilizer ..... farms, 2022	4	2	-	4	2	-	4
..... farms, 2017	-	1	-	1	10	2	2
..... acres treated, 2022	1,434	(D)	-	3,120	(D)	-	360
..... acres treated, 2017	-	(D)	-	(D)	2,587	(D)	(D)
Acres treated to control-							
Insects ..... farms, 2022	50	49	86	25	80	20	87
..... farms, 2017	44	68	47	20	92	30	54
..... acres, 2022	21,500	67,975	108,797	30,498	76,260	18,142	75,937
..... acres, 2017	18,693	69,838	29,705	26,349	78,583	26,224	45,476
Weeds, grass, or brush ..... farms, 2022	227	172	207	221	357	162	314
..... farms, 2017	206	190	205	227	348	193	293
..... acres, 2022	236,550	225,464	377,085	281,778	463,397	202,160	377,047
..... acres, 2017	245,624	284,071	429,073	245,404	522,751	244,644	421,032
Nematodes ..... farms, 2022	3	12	1	3	15	2	4
..... farms, 2017	-	-	-	6	14	4	6
..... acres, 2022	(D)	3,819	(D)	(D)	7,652	(D)	4,386
..... acres, 2017	-	-	-	5,721	9,152	2,684	480
Diseases in crops and orchards ..... farms, 2022	28	38	46	22	46	13	39
..... farms, 2017	11	65	32	23	40	33	53
..... acres, 2022	19,431	46,615	92,245	15,593	35,445	8,376	40,158
..... acres, 2017	11,054	81,100	37,183	18,208	22,159	21,428	44,142
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	-	25	9	9	15	7	14
..... farms, 2017	2	28	26	7	7	5	3
..... acres on which used, 2022	-	30,770	10,259	7,297	11,432	1,517	2,390
..... acres on which used, 2017	(D)	26,704	27,069	2,296	3,317	4,643	500

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

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

Item	McIntosh	McKenzie	McLean	Mercer	Morton	Mountrail	Nelson
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	141	261	344	137	344	296	199
..... farms, 2017	161	236	351	120	386	267	197
..... acres treated, 2022	136,454	286,664	512,719	101,693	303,859	383,234	292,321
..... acres treated, 2017	167,729	215,062	520,469	108,517	356,446	432,808	295,319
Cropland fertilized, except cropland pasture ..... farms, 2022	137	253	320	130	331	288	197
..... farms, 2017	150	233	342	111	374	266	195
..... acres treated, 2022	132,922	285,242	511,049	101,529	302,462	363,970	291,641
..... acres treated, 2017	164,239	212,319	518,806	107,851	345,887	(D)	294,719
Pastureland and rangeland fertilized ..... farms, 2022	6	9	32	7	19	15	4
..... farms, 2017	15	12	16	11	36	1	7
..... acres treated, 2022	3,532	1,422	1,670	164	1,397	19,264	680
..... acres treated, 2017	3,490	2,743	1,663	666	10,559	(D)	600
Manure ..... farms, 2022	43	87	76	38	191	57	30
..... farms, 2017	65	100	100	63	217	56	43
..... acres treated, 2022	6,560	6,038	3,499	37,055	22,384	3,743	2,466
..... acres treated, 2017	5,765	6,055	7,088	2,491	17,198	4,682	3,664
Organic fertilizer ..... farms, 2022	1	4	-	4	5	7	1
..... farms, 2017	-	-	4	3	6	1	4
..... acres treated, 2022	(D)	2,646	-	28	5	6,500	(D)
..... acres treated, 2017	-	-	370	80	196	(D)	10,480
Acres treated to control-							
Insects ..... farms, 2022	22	98	142	45	82	106	66
..... farms, 2017	25	36	62	10	70	84	124
..... acres, 2022	20,261	89,654	144,551	37,404	55,391	106,680	41,331
..... acres, 2017	36,743	25,098	78,754	3,773	75,370	123,103	119,752
Weeds, grass, or brush ..... farms, 2022	149	265	352	142	365	286	213
..... farms, 2017	157	271	366	127	346	270	200
..... acres, 2022	197,985	301,807	583,703	109,558	333,185	410,356	337,763
..... acres, 2017	214,917	254,010	694,493	175,421	430,970	602,570	325,608
Nematodes ..... farms, 2022	7	14	16	2	18	11	2
..... farms, 2017	2	12	8	1	2	9	3
..... acres, 2022	3,162	5,317	12,196	(D)	6,441	11,693	(D)
..... acres, 2017	(D)	2,855	5,332	(D)	(D)	14,735	1,201
Diseases in crops and orchards ..... farms, 2022	18	24	68	18	56	48	72
..... farms, 2017	23	38	72	11	27	82	95
..... acres, 2022	9,516	25,969	69,277	15,743	55,455	42,965	60,617
..... acres, 2017	12,511	29,139	96,751	15,243	23,949	109,221	78,560
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	5	9	27	18	10	16	13
..... farms, 2017	2	8	32	4	29	24	23
..... acres on which used, 2022	828	8,494	13,990	7,778	2,306	11,059	9,457
..... acres on which used, 2017	(D)	1,532	17,347	4,932	9,273	39,156	18,368
Item	Oliver	Pembina	Pierce	Ramsey	Ransom	Renville	Richland
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	93	314	211	204	203	190	522
..... farms, 2017	98	293	245	249	266	198	546
..... acres treated, 2022	88,592	430,675	235,925	391,643	174,922	349,259	416,592
..... acres treated, 2017	83,017	471,685	286,867	440,116	286,504	385,725	510,617
Cropland fertilized, except cropland pasture ..... farms, 2022	86	314	209	197	195	190	521
..... farms, 2017	98	291	242	245	255	197	532
..... acres treated, 2022	(D)	(D)	235,145	390,678	171,616	(D)	415,897
..... acres treated, 2017	82,588	471,571	285,182	439,989	284,980	384,532	509,518
Pastureland and rangeland fertilized ..... farms, 2022	7	2	10	9	13	2	25
..... farms, 2017	4	3	6	9	16	5	695
..... acres treated, 2022	(D)	(D)	780	965	3,306	(D)	695
..... acres treated, 2017	429	114	1,685	127	1,524	1,193	1,099
Manure ..... farms, 2022	60	4	45	16	88	3	81
..... farms, 2017	56	17	60	11	100	21	105
..... acres treated, 2022	3,823	140	3,435	929	8,725	(D)	10,105
..... acres treated, 2017	2,938	821	3,799	570	8,012	1,856	10,224
Organic fertilizer ..... farms, 2022	10	1	-	-	9	1	7
..... farms, 2017	1	-	-	-	-	2	6
..... acres treated, 2022	980	(D)	-	-	58	(D)	1,300
..... acres treated, 2017	(D)	-	-	-	-	(D)	462
Acres treated to control-							
Insects ..... farms, 2022	31	197	74	69	47	121	190
..... farms, 2017	10	256	45	101	90	55	309
..... acres, 2022	23,209	225,864	90,882	116,432	23,563	195,186	143,707
..... acres, 2017	4,215	379,358	62,216	114,671	62,777	74,151	260,465
Weeds, grass, or brush ..... farms, 2022	128	309	225	214	218	188	573
..... farms, 2017	113	277	258	256	270	194	557
..... acres, 2022	100,296	463,536	281,853	427,310	231,351	395,955	618,973
..... acres, 2017	103,661	554,967	359,401	534,450	329,638	463,320	748,445
Nematodes ..... farms, 2022	-	42	8	13	23	15	61
..... farms, 2017	-	25	6	12	14	7	54
..... acres, 2022	-	32,463	5,020	11,883	9,512	29,404	73,784
..... acres, 2017	-	27,181	3,346	33,122	10,042	4,520	32,714
Diseases in crops and orchards ..... farms, 2022	10	174	74	70	39	81	79
..... farms, 2017	5	197	94	114	32	94	90
..... acres, 2022	7,710	188,224	71,884	122,933	21,378	144,496	47,510
..... acres, 2017	4,663	293,213	110,241	190,342	23,146	160,824	74,203
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	6	83	19	23	13	28	19
..... farms, 2017	6	70	8	27	9	11	13
..... acres on which used, 2022	2,955	59,610	15,661	34,171	7,034	26,082	2,650
..... acres on which used, 2017	2,551	59,908	14,280	28,008	5,889	6,048	3,865

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

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

Item	Rolette	Sargent	Sheridan	Sioux	Slope	Stark	Steele
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	198	229	127	58	91	260	166
..... farms, 2017	186	266	152	63	92	249	198
..... acres treated, 2022	215,198	174,133	200,108	68,230	182,147	309,422	237,964
..... acres treated, 2017	238,016	305,689	273,084	102,542	165,389	300,432	311,590
Cropland fertilized, except cropland pasture ..... farms, 2022	196	229	124	57	91	242	166
..... farms, 2017	170	264	152	63	92	225	197
..... acres treated, 2022	213,945	(D)	197,908	(D)	(D)	304,374	237,704
..... acres treated, 2017	234,131	304,679	272,464	102,542	164,617	298,445	311,525
Pastureland and rangeland fertilized ..... farms, 2022	14	1	5	1	3	26	4
..... farms, 2017	30	7	5	-	4	30	4
..... acres treated, 2022	1,253	(D)	2,200	(D)	(D)	5,048	260
..... acres treated, 2017	3,885	1,010	620	-	772	1,987	65
Manure ..... farms, 2022	25	29	23	38	27	94	8
..... farms, 2017	42	49	38	34	25	97	19
..... acres treated, 2022	1,481	3,160	1,172	5,719	3,105	7,065	712
..... acres treated, 2017	1,977	7,711	3,229	1,987	2,903	4,548	2,536
Organic fertilizer ..... farms, 2022	5	4	-	-	-	4	-
..... farms, 2017	1	1	-	-	-	3	-
..... acres treated, 2022	149	1,200	-	-	-	1,282	-
..... acres treated, 2017	(D)	(D)	-	-	-	60	-
Acres treated to control-							
Insects ..... farms, 2022	76	31	35	17	32	74	52
..... farms, 2017	41	82	38	8	14	85	151
..... acres, 2022	47,338	36,232	44,287	13,308	29,933	59,240	50,039
..... acres, 2017	50,667	118,652	83,053	20,308	7,094	97,444	185,169
Weeds, grass, or brush ..... farms, 2022	199	248	134	56	100	292	173
..... farms, 2017	201	270	155	67	102	312	194
..... acres, 2022	230,509	262,600	236,682	66,331	176,136	306,889	293,402
..... acres, 2017	292,534	410,578	325,562	179,501	216,658	340,507	345,973
Nematodes ..... farms, 2022	11	22	4	-	1	10	12
..... farms, 2017	8	11	6	-	-	2	12
..... acres, 2022	3,627	10,496	1,376	-	(D)	10,825	22,056
..... acres, 2017	7,042	13,143	1,535	-	-	(D)	25,565
Diseases in crops and orchards ..... farms, 2022	65	21	21	3	14	38	51
..... farms, 2017	83	33	12	4	10	44	70
..... acres, 2022	65,614	9,687	31,301	9,364	15,420	66,499	55,552
..... acres, 2017	92,343	28,524	4,557	1,874	35,014	79,744	47,965
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	30	12	3	-	3	6	14
..... farms, 2017	23	3	7	-	1	5	32
..... acres on which used, 2022	11,530	4,657	1,375	-	373	4,200	11,483
..... acres on which used, 2017	38,337	1,200	2,854	-	(D)	4,547	20,213
Item	Stutsman	Towner	Trail	Walsh	Ward	Wells	Williams
Commercial fertilizer, lime, and soil conditioners ..... farms, 2022	399	244	269	385	392	269	299
..... farms, 2017	468	266	293	364	431	270	287
..... acres treated, 2022	482,027	320,244	381,113	465,122	587,367	369,182	516,991
..... acres treated, 2017	658,148	363,196	410,671	561,052	679,691	402,950	484,176
Cropland fertilized, except cropland pasture ..... farms, 2022	397	244	269	379	385	258	291
..... farms, 2017	463	260	293	360	403	270	279
..... acres treated, 2022	481,657	320,079	(D)	(D)	586,877	368,232	501,615
..... acres treated, 2017	657,003	362,692	410,671	560,262	676,388	(D)	483,204
Pastureland and rangeland fertilized ..... farms, 2022	3	3	1	7	7	12	10
..... farms, 2017	18	9	-	14	32	2	9
..... acres treated, 2022	370	165	(D)	(D)	490	950	15,376
..... acres treated, 2017	1,145	504	-	790	3,303	(D)	972
Manure ..... farms, 2022	95	9	15	31	37	50	26
..... farms, 2017	137	32	10	53	84	58	22
..... acres treated, 2022	7,090	2,595	664	1,308	1,885	3,060	3,346
..... acres treated, 2017	7,189	3,741	591	3,856	3,972	4,810	2,877
Organic fertilizer ..... farms, 2022	-	-	2	-	8	6	-
..... farms, 2017	-	-	3	-	4	2	-
..... acres treated, 2022	-	-	(D)	-	15,688	3,050	-
..... acres treated, 2017	-	-	240	-	(D)	(D)	-
Acres treated to control-							
Insects ..... farms, 2022	48	96	147	234	171	39	126
..... farms, 2017	102	121	244	266	95	53	40
..... acres, 2022	50,286	81,493	164,928	205,151	173,599	52,684	206,852
..... acres, 2017	139,127	115,468	289,789	291,651	133,049	79,994	40,209
Weeds, grass, or brush ..... farms, 2022	423	243	282	403	400	265	310
..... farms, 2017	463	261	279	382	410	284	279
..... acres, 2022	706,018	363,367	462,879	505,005	661,647	488,109	550,817
..... acres, 2017	870,465	405,723	469,995	577,309	865,972	592,985	667,192
Nematodes ..... farms, 2022	20	17	4	41	22	10	9
..... farms, 2017	21	7	30	26	3	8	3
..... acres, 2022	10,508	7,380	1,442	30,394	11,232	6,726	1,540
..... acres, 2017	17,929	7,980	20,630	20,587	1,584	4,760	665
Diseases in crops and orchards ..... farms, 2022	60	74	96	207	111	72	72
..... farms, 2017	96	149	130	215	127	39	93
..... acres, 2022	27,063	92,167	120,406	244,922	104,706	57,047	113,698
..... acres, 2017	89,451	181,220	165,145	263,606	166,323	65,639	214,010
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2022	25	44	40	99	31	19	16
..... farms, 2017	36	48	28	89	29	20	44
..... acres on which used, 2022	8,149	23,031	22,827	68,682	15,534	9,245	15,000
..... acres on which used, 2017	24,242	46,060	16,290	61,704	23,672	10,747	35,726