

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

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

Item	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	22,318	665	116	301	192
	2017	24,936	635	125	309	217
acres treated, 2022	2,438,205	93,238	2,301	37,840	11,871	
	2017	2,578,179	84,435	4,747	34,719	10,523
Cropland fertilized, except cropland pasture .....	farms, 2022	20,457	631	100	279	166
	2017	22,610	578	105	280	195
acres treated, 2022	2,355,770	90,808	2,042	36,269	11,145	
	2017	2,462,815	81,427	4,179	33,367	9,382
Pastureland and rangeland fertilized .....	farms, 2022	4,695	107	21	64	44
	2017	6,336	130	31	83	44
acres treated, 2022	82,435	2,430	259	1,571	726	
	2017	115,364	3,008	568	1,352	1,141
Manure .....	farms, 2022	16,922	316	75	214	193
	2017	19,756	388	86	240	187
acres treated, 2022	1,065,530	26,139	1,171	6,942	5,166	
	2017	1,248,105	29,418	2,114	8,169	6,123
Organic fertilizer .....	farms, 2022	1,538	30	14	23	28
	2017	1,736	26	28	28	14
acres treated, 2022	58,303	1,187	95	897	177	
	2017	65,029	765	694	2,004	95
Acres treated to control- Insects .....	farms, 2022	9,074	295	36	61	57
	2017	9,772	275	49	60	57
acres, 2022	735,687	33,934	428	9,518	1,556	
	2017	932,802	37,555	2,826	8,885	1,490
Weeds, grass, or brush .....	farms, 2022	19,682	588	66	255	157
	2017	19,048	537	91	220	152
acres, 2022	2,436,411	95,091	1,319	33,887	9,752	
	2017	2,353,564	83,908	4,733	34,401	8,636
Nematodes .....	farms, 2022	1,778	46	2	11	19
	2017	726	25	2	1	4
acres, 2022	134,408	3,890	(D)	1,090	361	
	2017	81,233	1,526	(D)	(D)	24
Diseases in crops and orchards .....	farms, 2022	4,967	220	19	31	35
	2017	4,133	153	27	21	29
acres, 2022	314,031	22,318	265	2,261	297	
	2017	233,847	16,807	2,459	1,051	384
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	2,016	160	6	13	13
	2017	941	82	10	4	7
acres on which used, 2022	89,248	19,470	45	1,094	106	
	2017	39,913	10,195	168	146	85
Item	Bedford	Berks	Blair	Bradford	Bucks	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	544	937	255	385	314
	2017	628	974	285	516	380
acres treated, 2022	55,551	110,146	45,724	46,986	28,721	
	2017	69,151	126,392	33,267	52,111	37,446
Cropland fertilized, except cropland pasture .....	farms, 2022	522	881	240	359	277
	2017	583	908	271	454	304
acres treated, 2022	51,599	107,692	44,981	46,025	27,951	
	2017	64,553	123,326	32,542	48,637	35,854
Pastureland and rangeland fertilized .....	farms, 2022	127	172	45	46	75
	2017	166	183	52	132	132
acres treated, 2022	3,952	2,454	743	961	770	
	2017	4,598	3,066	725	3,474	1,592
Manure .....	farms, 2022	393	686	197	380	188
	2017	531	759	230	551	213
acres treated, 2022	25,798	52,331	28,170	35,327	6,142	
	2017	32,585	67,700	21,710	45,710	9,295
Organic fertilizer .....	farms, 2022	33	65	16	14	39
	2017	30	75	19	27	58
acres treated, 2022	933	1,536	93	846	485	
	2017	632	3,215	435	1,638	863
Acres treated to control- Insects .....	farms, 2022	158	474	142	83	165
	2017	217	516	193	84	143
acres, 2022	12,725	39,746	22,368	3,513	5,333	
	2017	28,485	48,850	21,701	6,768	8,577
Weeds, grass, or brush .....	farms, 2022	459	909	231	359	278
	2017	435	879	243	336	231
acres, 2022	47,713	114,527	48,160	47,786	28,914	
	2017	58,439	123,660	30,346	39,064	36,375
Nematodes .....	farms, 2022	17	86	36	33	35
	2017	18	49	28	2	4
acres, 2022	841	7,289	1,531	3,309	1,008	
	2017	854	6,190	4,176	(D)	(D)
Diseases in crops and orchards .....	farms, 2022	70	241	78	60	103
	2017	62	199	65	33	68
acres, 2022	3,713	13,551	7,256	5,231	2,403	
	2017	7,263	9,560	4,787	2,037	2,131
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	39	97	19	25	29
	2017	12	23	8	7	13
acres on which used, 2022	1,631	2,186	550	1,497	1,054	
	2017	827	786	501	(D)	424

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

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

Item	Butler	Cambria	Cameron	Carbon	Centre	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	456	224	11	106	384
	2017	451	267	21	84	487
acres treated, 2022	54,534	29,290	536	9,411	41,970	
	2017	47,808	26,686	868	6,885	52,404
Cropland fertilized, except cropland pasture .....	farms, 2022	426	221	11	98	346
	2017	416	251	14	79	444
acres treated, 2022	52,730	28,529	482	8,849	40,565	
	2017	45,588	25,927	597	6,789	49,523
Pastureland and rangeland fertilized .....	farms, 2022	100	42	4	23	98
	2017	127	53	11	12	140
acres treated, 2022	1,804	761	54	562	1,405	
	2017	2,220	759	271	96	2,881
Manure .....	farms, 2022	334	168	10	40	311
	2017	372	188	21	35	410
acres treated, 2022	11,636	8,088	111	1,695	15,882	
	2017	14,294	6,879	353	810	21,741
Organic fertilizer .....	farms, 2022	20	22	-	-	32
	2017	24	15	1	3	52
acres treated, 2022	339	581	-	-	537	
	2017	920	829	(D)	329	1,754
Acres treated to control- Insects .....	farms, 2022	125	56	4	47	163
	2017	85	58	-	41	191
acres, 2022	10,094	7,728	32	4,684	9,029	
	2017	9,341	8,824	-	4,048	17,228
Weeds, grass, or brush .....	farms, 2022	382	184	13	87	349
	2017	328	217	9	80	401
acres, 2022	48,147	28,885	369	9,343	43,021	
	2017	46,146	24,133	274	7,308	42,461
Nematodes .....	farms, 2022	15	14	1	6	26
	2017	10	5	-	3	26
acres, 2022	1,300	1,663	(D)	317	1,993	
	2017	1,270	2,007	-	71	2,236
Diseases in crops and orchards .....	farms, 2022	69	28	-	31	87
	2017	39	33	-	26	66
acres, 2022	4,292	2,570	-	2,167	2,067	
	2017	942	2,194	-	2,582	2,449
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	36	13	-	7	33
	2017	14	13	-	3	13
acres on which used, 2022	1,121	942	-	213	611	
	2017	224	596	-	32	254

  

Item	Chester	Clarion	Clearfield	Clinton	Columbia	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	682	244	161	128	315
	2017	781	272	223	133	386
acres treated, 2022	64,563	26,556	7,880	13,964	40,380	
	2017	63,965	22,487	11,644	14,137	44,430
Cropland fertilized, except cropland pasture .....	farms, 2022	547	219	147	125	290
	2017	639	233	200	112	361
acres treated, 2022	60,761	25,346	7,446	13,578	39,622	
	2017	58,534	20,422	10,624	13,374	43,418
Pastureland and rangeland fertilized .....	farms, 2022	217	58	29	27	61
	2017	290	99	48	49	85
acres treated, 2022	3,802	1,210	434	386	758	
	2017	5,431	2,065	1,020	763	1,012
Manure .....	farms, 2022	406	233	128	120	192
	2017	539	226	161	122	218
acres treated, 2022	22,283	7,217	4,014	3,861	12,544	
	2017	31,920	8,391	6,888	4,926	9,590
Organic fertilizer .....	farms, 2022	85	14	4	3	20
	2017	99	19	17	11	13
acres treated, 2022	2,881	332	70	97	977	
	2017	2,019	383	300	277	572
Acres treated to control- Insects .....	farms, 2022	369	45	36	49	123
	2017	419	36	33	51	129
acres, 2022	29,333	2,325	775	3,162	12,809	
	2017	30,624	3,713	803	4,188	20,390
Weeds, grass, or brush .....	farms, 2022	524	179	129	108	287
	2017	547	163	152	105	300
acres, 2022	58,711	22,820	8,403	15,481	44,341	
	2017	59,215	16,813	7,231	15,291	44,527
Nematodes .....	farms, 2022	81	7	3	8	25
	2017	32	6	2	3	21
acres, 2022	5,875	(D)	55	349	2,607	
	2017	3,019	60	(D)	11	2,790
Diseases in crops and orchards .....	farms, 2022	191	22	13	27	68
	2017	186	16	15	20	74
acres, 2022	12,784	539	60	811	7,808	
	2017	6,280	(D)	398	2,439	6,151
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	53	8	15	12	18
	2017	31	3	1	3	10
acres on which used, 2022	1,045	165	219	370	1,870	
	2017	572	(D)	(D)	(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	Crawford	Cumberland	Dauphin	Delaware	Elk	Erie	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	442	615	314	15	68	478
	2017	480	705	324	13	96	536
acres treated, 2022	73,567	83,496	36,564	159	2,421	53,072	
	2017	68,941	93,687	39,993	135	3,282	52,808
Cropland fertilized, except cropland pasture	farms, 2022	407	589	293	15	59	458
	2017	447	663	281	13	94	497
acres treated, 2022	71,916	81,941	35,330	159	2,206	52,046	
	2017	66,931	90,105	38,683	135	2,870	51,423
Pastureland and rangeland fertilized	farms, 2022	71	113	61	-	20	60
	2017	93	181	99	-	23	97
acres treated, 2022	1,651	1,555	1,234	-	215	1,026	
	2017	2,010	3,582	1,310	-	412	1,385
Manure	farms, 2022	357	518	247	6	59	254
	2017	425	568	255	7	83	310
acres treated, 2022	19,469	35,922	13,872	111	1,439	7,373	
	2017	25,376	48,088	15,842	57	1,858	11,994
Organic fertilizer	farms, 2022	23	38	25	5	1	18
	2017	25	38	22	2	6	16
acres treated, 2022	530	1,072	1,130	21	(D)	196	
	2017	1,290	1,024	1,499	(D)	135	347
Acres treated to control- Insects	farms, 2022	80	293	143	10	24	251
	2017	71	365	133	6	20	224
acres, 2022	5,733	29,037	16,181	142	508	20,973	
	2017	8,893	40,931	17,476	(D)	241	23,288
Weeds, grass, or brush	farms, 2022	386	576	325	8	44	448
	2017	354	574	265	14	72	429
acres, 2022	77,236	91,336	45,134	130	1,332	51,172	
	2017	67,363	88,463	36,853	222	1,693	49,305
Nematodes	farms, 2022	17	39	33	6	1	59
	2017	15	13	4	-	1	36
acres, 2022	455	4,051	3,726	18	(D)	3,831	
	2017	6,333	1,307	2,314	-	(D)	2,114
Diseases in crops and orchards	farms, 2022	48	155	67	9	1	194
	2017	26	129	47	5	15	181
acres, 2022	7,608	13,881	6,115	145	(D)	14,196	
	2017	4,789	7,120	3,212	73	259	14,694
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	24	29	23	1	-	143
	2017	4	10	7	-	6	39
acres on which used, 2022	520	2,256	1,376	(D)	-	10,857	
	2017	60	1,195	1,354	-	8	2,669
Item	Fayette	Forest	Franklin	Fulton	Greene	Huntingdon	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	226	9	856	238	151	280
	2017	275	15	955	261	170	354
acres treated, 2022	17,123	363	144,109	25,299	6,880	45,253	
	2017	19,448	594	147,065	26,804	8,137	38,522
Cropland fertilized, except cropland pasture	farms, 2022	180	9	802	210	110	262
	2017	226	15	896	243	155	308
acres treated, 2022	14,252	(D)	139,344	23,583	4,438	43,896	
	2017	16,814	488	140,752	25,293	6,992	36,767
Pastureland and rangeland fertilized	farms, 2022	72	2	201	78	56	72
	2017	95	7	256	79	41	114
acres treated, 2022	2,871	(D)	4,765	1,716	2,442	1,357	
	2017	2,634	106	6,313	1,511	1,145	1,755
Manure	farms, 2022	170	13	701	183	110	291
	2017	213	14	845	227	92	286
acres treated, 2022	4,917	678	96,572	13,876	3,340	34,926	
	2017	7,183	205	107,624	13,696	2,813	18,634
Organic fertilizer	farms, 2022	6	-	49	10	10	20
	2017	19	-	41	20	10	30
acres treated, 2022	105	-	8,756	384	445	761	
	2017	464	-	1,874	586	325	542
Acres treated to control- Insects	farms, 2022	47	1	368	49	5	70
	2017	56	4	528	51	7	86
acres, 2022	2,332	(D)	47,546	5,223	52	14,754	
	2017	3,845	(D)	53,521	10,707	214	8,453
Weeds, grass, or brush	farms, 2022	138	10	806	184	47	216
	2017	149	11	869	156	48	234
acres, 2022	15,852	371	145,860	22,135	1,380	36,762	
	2017	15,629	299	135,181	18,558	1,751	28,709
Nematodes	farms, 2022	15	-	66	18	2	14
	2017	9	-	21	3	-	7
acres, 2022	396	-	9,701	2,524	(D)	1,919	
	2017	728	-	1,690	159	-	987
Diseases in crops and orchards	farms, 2022	30	-	181	20	9	33
	2017	21	-	143	18	8	25
acres, 2022	836	-	15,446	1,326	333	1,661	
	2017	1,130	-	7,853	789	29	1,087
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	12	-	62	9	10	10
	2017	6	-	36	7	1	3
acres on which used, 2022	352	-	4,467	150	388	533	
	2017	(D)	-	1,267	479	(D)	236

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

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

Item	Indiana	Jefferson	Juniata	Lackawanna	Lancaster	Lawrence	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	396	206	232	76	2,951	321
	2017	371	240	292	97	3,274	283
acres treated, 2022	48,855	22,548	31,463	5,377	205,996	37,096	
	2017	51,903	22,240	28,356	6,157	224,192	32,454
Cropland fertilized, except cropland pasture	farms, 2022	354	190	222	73	2,714	299
	2017	337	223	263	94	2,985	268
acres treated, 2022	46,688	21,619	31,015	5,216	200,090	36,097	
	2017	50,495	21,325	26,896	5,687	215,222	31,423
Pastureland and rangeland fertilized	farms, 2022	107	52	33	7	685	54
	2017	85	59	79	16	897	57
acres treated, 2022	2,167	929	448	161	5,906	999	
	2017	1,408	915	1,460	470	8,970	1,031
Manure	farms, 2022	383	170	248	48	2,415	189
	2017	312	174	290	79	2,824	196
acres treated, 2022	16,635	6,441	23,158	2,880	138,805	7,838	
	2017	12,926	9,608	25,233	3,179	153,020	5,803
Organic fertilizer	farms, 2022	49	9	30	9	256	17
	2017	10	15	49	7	267	14
acres treated, 2022	741	155	1,732	651	7,606	321	
	2017	189	445	2,525	265	8,197	1,398
Acres treated to control- Insects	farms, 2022	131	34	83	30	1,844	98
	2017	140	32	75	35	2,158	66
acres, 2022	13,939	429	7,953	486	104,077	7,613	
	2017	22,376	1,604	3,762	744	129,127	4,768
Weeds, grass, or brush	farms, 2022	311	145	230	69	2,777	270
	2017	272	178	229	70	2,640	242
acres, 2022	50,572	20,641	37,590	4,812	213,939	40,164	
	2017	43,479	15,340	28,321	3,867	208,611	33,282
Nematodes	farms, 2022	20	7	9	6	365	12
	2017	13	1	7	2	118	5
acres, 2022	554	116	692	256	27,230	43	
	2017	539	(D)	102	(D)	12,663	(D)
Diseases in crops and orchards	farms, 2022	53	15	35	14	981	34
	2017	42	10	26	32	865	17
acres, 2022	1,001	88	2,401	257	47,636	1,051	
	2017	2,526	299	655	195	29,096	285
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	30	5	19	10	343	16
	2017	8	6	8	8	221	4
acres on which used, 2022	700	58	750	136	7,924	235	
	2017	116	139	64	29	3,993	134

  

Item	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	552	195	159	423	62	459
	2017	640	206	207	470	69	547
acres treated, 2022	62,568	39,582	15,410	35,293	2,106	54,034	
	2017	57,772	43,845	14,938	37,383	3,727	65,136
Cropland fertilized, except cropland pasture	farms, 2022	503	184	144	403	60	428
	2017	566	189	179	432	61	514
acres treated, 2022	61,266	39,207	15,102	33,858	1,883	52,947	
	2017	56,020	43,455	14,439	35,498	2,790	63,089
Pastureland and rangeland fertilized	farms, 2022	107	35	25	84	13	80
	2017	147	41	47	130	13	100
acres treated, 2022	1,302	375	308	1,435	223	1,087	
	2017	1,752	390	499	1,885	937	2,047
Manure	farms, 2022	449	105	83	280	82	308
	2017	536	107	101	321	75	449
acres treated, 2022	47,026	7,189	3,290	9,217	1,809	11,162	
	2017	43,959	7,010	3,100	12,664	4,109	19,351
Organic fertilizer	farms, 2022	30	17	5	22	4	16
	2017	61	18	8	17	14	32
acres treated, 2022	468	986	63	365	82	230	
	2017	1,504	403	143	215	1,812	1,407
Acres treated to control- Insects	farms, 2022	285	112	80	148	16	104
	2017	301	135	84	138	8	82
acres, 2022	28,612	15,539	2,449	7,560	299	12,019	
	2017	31,413	25,798	3,595	10,858	60	8,307
Weeds, grass, or brush	farms, 2022	564	211	147	364	46	413
	2017	569	189	162	332	30	388
acres, 2022	68,364	41,342	15,429	32,610	1,196	57,361	
	2017	62,352	42,981	13,974	30,586	1,166	56,533
Nematodes	farms, 2022	50	17	11	36	6	20
	2017	36	14	2	15	-	2
acres, 2022	3,665	2,115	847	2,244	210	2,165	
	2017	3,088	720	(D)	585	-	(D)
Diseases in crops and orchards	farms, 2022	122	58	59	76	10	62
	2017	100	75	57	48	3	45
acres, 2022	11,624	3,896	1,419	2,837	250	7,376	
	2017	6,434	7,375	1,005	1,375	(D)	740
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	37	24	34	31	10	25
	2017	5	22	16	26	1	6
acres on which used, 2022	2,454	887	1,117	1,042	300	423	
	2017	175	720	263	432	(D)	1,443

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

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

Item	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	266	80	221	142	193	361
	2017	333	69	213	177	213	390
acres treated, 2022	25,869	5,159	10,475	13,006	36,101	61,687	
	2017	32,731	4,018	11,042	19,100	34,451	68,842
Cropland fertilized, except cropland pasture	farms, 2022	246	76	197	134	174	340
	2017	292	61	185	167	200	375
acres treated, 2022	24,813	5,109	9,660	12,792	35,813	60,276	
	2017	29,964	3,959	10,542	18,112	34,189	66,139
Pastureland and rangeland fertilized	farms, 2022	61	5	56	21	30	78
	2017	134	11	44	51	23	100
acres treated, 2022	1,056	50	815	214	288	1,411	
	2017	2,767	59	500	988	262	2,703
Manure	farms, 2022	219	32	85	93	82	278
	2017	323	42	141	141	98	295
acres treated, 2022	14,619	289	1,192	5,463	2,850	24,563	
	2017	20,979	972	2,754	7,620	3,421	22,859
Organic fertilizer	farms, 2022	21	11	31	21	11	15
	2017	29	7	15	12	15	16
acres treated, 2022	1,191	159	504	1,484	38	610	
	2017	999	13	576	300	377	1,674
Acres treated to control- Insects	farms, 2022	116	54	97	52	105	171
	2017	166	34	87	58	135	176
acres, 2022	10,260	2,231	2,484	3,848	12,592	19,914	
	2017	14,814	1,638	3,120	3,862	24,658	30,290
Weeds, grass, or brush	farms, 2022	219	73	188	130	182	350
	2017	262	43	150	136	180	316
acres, 2022	25,104	4,477	12,746	15,212	36,401	67,916	
	2017	24,027	4,811	10,001	16,640	38,829	63,699
Nematodes	farms, 2022	26	9	15	15	20	35
	2017	9	5	17	3	14	9
acres, 2022	1,544	922	210	984	3,720	1,939	
	2017	2,054	(D)	525	(D)	1,325	1,066
Diseases in crops and orchards	farms, 2022	64	23	62	33	81	100
	2017	43	17	60	10	63	82
acres, 2022	5,503	317	779	2,074	9,900	6,780	
	2017	2,849	292	1,309	341	8,030	7,428
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	26	19	6	12	23	25
	2017	9	2	12	10	17	25
acres on which used, 2022	603	446	22	957	854	1,464	
	2017	97	(D)	522	162	118	902
Item	Perry	Philadelphia	Pike	Potter	Schuylkill	Snyder	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	389	11	9	114	403	394
	2017	363	6	15	143	374	454
acres treated, 2022	50,310	28	162	11,451	56,787	33,224	
	2017	48,694	29	480	16,272	45,855	42,391
Cropland fertilized, except cropland pasture	farms, 2022	352	11	9	103	376	353
	2017	341	4	14	134	364	410
acres treated, 2022	49,374	28	(D)	11,074	56,149	32,031	
	2017	47,360	(D)	(D)	15,867	45,194	41,025
Pastureland and rangeland fertilized	farms, 2022	74	-	2	20	60	76
	2017	85	2	3	28	55	117
acres treated, 2022	936	-	(D)	377	638	1,193	
	2017	1,334	(D)	(D)	405	661	1,366
Manure	farms, 2022	281	-	6	94	203	413
	2017	300	10	6	130	213	414
acres treated, 2022	30,282	-	184	7,014	12,942	24,232	
	2017	35,553	43	207	11,619	12,710	29,788
Organic fertilizer	farms, 2022	18	3	-	10	21	26
	2017	33	4	3	12	20	16
acres treated, 2022	1,557	3	-	614	1,659	765	
	2017	2,603	4	6	203	213	1,252
Acres treated to control- Insects	farms, 2022	99	9	6	34	207	178
	2017	136	2	1	27	183	202
acres, 2022	7,785	26	(D)	2,541	18,364	10,980	
	2017	8,944	(D)	(D)	2,347	19,975	14,101
Weeds, grass, or brush	farms, 2022	345	12	8	94	384	376
	2017	291	-	8	91	348	376
acres, 2022	52,618	37	23	9,787	52,764	37,004	
	2017	46,010	-	38	12,708	48,639	45,480
Nematodes	farms, 2022	20	-	1	4	36	50
	2017	13	-	-	2	13	13
acres, 2022	579	-	(D)	427	5,871	1,815	
	2017	260	-	-	(D)	1,139	606
Diseases in crops and orchards	farms, 2022	62	-	4	11	119	110
	2017	59	2	1	20	87	111
acres, 2022	2,212	-	(D)	2,568	7,928	3,790	
	2017	2,207	(D)	(D)	1,101	5,035	3,331
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	23	-	3	7	29	45
	2017	11	-	-	10	10	22
acres on which used, 2022	674	-	(D)	1,282	1,229	1,335	
	2017	569	-	-	(D)	386	1,008

--continued

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

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

Item	Somerset	Sullivan	Susquehanna	Tioga	Union	Venango	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	484	60	219	277	300	126
	2017	576	59	291	358	358	171
acres treated, 2022	64,731	3,942	15,903	29,101	27,495	9,448	
	2017	78,323	9,004	15,232	31,058	29,372	14,471
Cropland fertilized, except cropland pasture .....	farms, 2022	457	58	178	248	287	115
	2017	537	57	229	321	317	142
acres treated, 2022	62,373	3,809	13,286	27,781	27,004	9,014	
	2017	73,835	8,124	12,562	28,853	28,240	13,823
Pastureland and rangeland fertilized .....	farms, 2022	90	10	76	52	39	26
	2017	156	18	97	66	97	44
acres treated, 2022	2,358	133	2,617	1,320	491	434	
	2017	4,488	880	2,670	1,205	1,132	648
Manure .....	farms, 2022	394	36	198	279	229	93
	2017	478	55	310	339	300	114
acres treated, 2022	25,503	811	11,615	23,754	18,127	2,888	
	2017	38,699	5,660	21,880	31,285	22,708	4,070
Organic fertilizer .....	farms, 2022	41	10	26	7	16	14
	2017	74	6	8	12	24	4
acres treated, 2022	4,871	102	1,669	260	524	302	
	2017	4,909	208	537	1,178	1,661	74
Acres treated to control- Insects .....	farms, 2022	143	12	48	72	125	20
	2017	140	5	33	49	167	14
acres, 2022	13,301	98	2,178	5,441	3,167	2,273	
	2017	17,760	(D)	1,238	5,077	9,617	2,565
Weeds, grass, or brush .....	farms, 2022	430	51	145	230	303	110
	2017	417	52	135	236	290	120
acres, 2022	56,140	4,209	8,068	25,681	33,796	9,448	
	2017	60,418	6,491	5,238	23,579	31,948	13,735
Nematodes .....	farms, 2022	24	3	10	8	19	6
	2017	3	-	2	6	13	-
acres, 2022	3,249	5	367	1,226	395	166	
	2017	(D)	-	(D)	2,305	605	-
Diseases in crops and orchards .....	farms, 2022	98	4	22	28	65	12
	2017	82	5	15	21	42	9
acres, 2022	6,093	8	390	1,520	976	951	
	2017	3,821	10	548	1,414	514	2,305
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	26	4	12	21	23	10
	2017	9	1	8	4	5	-
acres on which used, 2022	1,390	106	122	363	296	290	
	2017	629	(D)	36	11	(D)	-

  

Item	Warren	Washington	Wayne	Westmoreland	Wyoming	York	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2022	115	415	142	387	119	947
	2017	146	381	223	415	159	995
acres treated, 2022	9,600	18,147	5,328	40,440	10,772	128,943	
	2017	10,973	15,529	12,631	46,752	9,152	150,153
Cropland fertilized, except cropland pasture .....	farms, 2022	97	376	131	357	111	818
	2017	139	340	207	386	140	872
acres treated, 2022	8,981	15,858	4,453	38,903	10,487	125,768	
	2017	9,960	12,997	11,037	44,668	8,334	145,994
Pastureland and rangeland fertilized .....	farms, 2022	34	85	30	70	12	240
	2017	34	99	44	86	35	284
acres treated, 2022	619	2,289	875	1,537	285	3,175	
	2017	1,013	2,532	1,594	2,084	818	4,159
Manure .....	farms, 2022	102	398	147	307	93	607
	2017	136	360	187	357	122	619
acres treated, 2022	4,082	11,923	9,347	13,370	5,583	32,435	
	2017	6,957	10,025	11,564	12,877	5,645	46,262
Organic fertilizer .....	farms, 2022	1	24	15	25	4	36
	2017	3	29	17	20	6	51
acres treated, 2022	(D)	322	264	508	(D)	1,819	
	2017	(D)	581	642	1,392	78	1,112
Acres treated to control- Insects .....	farms, 2022	20	93	46	114	31	428
	2017	26	71	55	90	49	424
acres, 2022	404	2,250	813	8,474	2,298	51,394	
	2017	2,107	1,709	1,301	13,846	1,551	77,603
Weeds, grass, or brush .....	farms, 2022	83	303	103	345	85	854
	2017	81	222	110	320	99	863
acres, 2022	8,358	12,607	2,010	39,314	5,380	137,921	
	2017	6,551	8,272	5,016	47,207	5,688	161,060
Nematodes .....	farms, 2022	6	36	9	25	6	85
	2017	1	3	4	6	-	25
acres, 2022	198	603	150	348	109	8,491	
	2017	(D)	148	120	135	-	10,657
Diseases in crops and orchards .....	farms, 2022	7	47	18	59	37	242
	2017	10	27	43	30	32	192
acres, 2022	217	684	210	1,896	273	27,177	
	2017	171	402	978	6,255	431	23,249
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2022	7	29	7	39	15	102
	2017	3	6	12	13	4	41
acres on which used, 2022	160	736	46	460	68	5,227	
	2017	38	120	55	284	33	2,677