

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	Pennsylvania	Adams	Allegheny	Armstrong	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	24,936	635	125	309
	2012	26,149	582	111	328
acres treated, 2017	2,578,179	84,435	4,747	34,719	
	2012	2,612,426	88,710	3,627	33,468
Cropland fertilized, except cropland pasture	farms, 2017	22,610	578	105	280
	2012	24,298	537	93	300
acres treated, 2017	2,462,815	81,427	4,179	33,367	
	2012	2,496,340	85,715	2,987	31,901
Pastureland and rangeland fertilized	farms, 2017	6,336	130	31	83
	2012	6,524	158	40	89
acres treated, 2017	115,364	3,008	568	1,352	
	2012	116,086	2,995	640	1,567
Manure	farms, 2017	19,756	388	86	240
	2012	19,373	365	86	252
acres treated, 2017	1,248,105	29,418	2,114	8,169	
	2012	1,248,975	29,353	2,392	9,984
Organic fertilizer (see text)	farms, 2017	1,736	26	28	28
	2012	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	65,029	765	694	2,004	
	2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects	farms, 2017	9,772	275	49	60
2012	12,158	266	58	81	
acres, 2017	932,802	37,555	2,826	8,885	
2012	1,000,265	35,170	970	9,824	
Weeds, grass, or brush	farms, 2017	19,048	537	91	220
2012	23,669	572	79	264	
acres, 2017	2,353,564	83,908	4,733	34,401	
2012	2,354,445	78,437	3,168	26,860	
Nematodes	farms, 2017	726	25	2	1
2012	1,552	49	11	17	
acres, 2017	81,233	1,526	(D)	(D)	
2012	88,584	5,604	171	71	
Diseases in crops and orchards	farms, 2017	4,133	153	27	21
2012	4,234	161	25	32	
acres, 2017	233,847	16,807	2,459	1,051	
2012	198,642	19,145	384	1,265	
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	941	82	10	4
2012	1,538	104	16	13	
acres on which used, 2017	39,913	10,195	168	146	
2012	49,008	10,902	229	395	
Item	Beaver	Bedford	Berks	Blair	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	217	628	974	285
	2012	192	587	1,097	286
acres treated, 2017	10,523	69,151	126,392	33,267	
	2012	13,806	63,642	134,015	41,200
Cropland fertilized, except cropland pasture	farms, 2017	195	583	908	271
	2012	166	553	1,039	279
acres treated, 2017	9,382	64,553	123,326	32,542	
	2012	13,097	59,623	130,727	40,329
Pastureland and rangeland fertilized	farms, 2017	44	166	183	52
	2012	52	160	226	49
acres treated, 2017	1,141	4,598	3,066	725	
	2012	709	4,019	3,288	871
Manure	farms, 2017	187	531	759	230
	2012	164	490	787	192
acres treated, 2017	6,123	32,585	67,700	21,710	
	2012	7,905	31,852	62,664	22,869
Organic fertilizer (see text)	farms, 2017	14	30	75	19
	2012	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	95	632	3,215	435	
	2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects	farms, 2017	57	217	516	193
2012	71	290	682	200	
acres, 2017	1,490	28,485	48,850	21,701	
2012	2,660	23,154	48,769	27,356	
Weeds, grass, or brush	farms, 2017	152	435	879	243
2012	169	481	1,099	262	
acres, 2017	8,636	58,439	123,660	30,346	
2012	9,822	43,234	125,217	36,761	
Nematodes	farms, 2017	4	18	49	28
2012	10	30	95	22	
acres, 2017	24	854	6,190	4,176	
2012	91	1,293	5,260	1,709	
Diseases in crops and orchards	farms, 2017	29	62	199	65
2012	34	64	207	48	
acres, 2017	384	7,263	9,560	4,787	
2012	290	1,757	6,385	2,807	
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	7	12	23	8
2012	3	31	48	17	
acres on which used, 2017	85	827	786	501	
2012	(D)	1,959	1,116	796	

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

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

Item	Bradford	Bucks	Butler	Cambria	Cameron
Commercial fertilizer, lime, and soil conditioners farms, 2017	516	380	451	267	21
..... 2012	522	334	492	247	12
..... acres treated, 2017	52,111	37,446	47,808	26,686	868
..... 2012	49,793	31,278	40,283	23,775	1,056
Cropland fertilized, except cropland pasture farms, 2017	454	304	416	251	14
..... 2012	494	280	460	238	9
..... acres treated, 2017	48,637	35,854	45,588	25,927	597
..... 2012	48,212	29,395	38,249	23,239	966
Pastureland and rangeland fertilized farms, 2017	132	132	127	53	11
..... 2012	86	93	139	33	4
..... acres treated, 2017	3,474	1,592	2,220	759	271
..... 2012	1,581	1,883	2,034	536	90
Manure farms, 2017	551	213	372	188	21
..... 2012	455	188	363	172	17
..... acres treated, 2017	45,710	9,295	14,294	6,879	353
..... 2012	44,920	8,645	10,484	6,862	434
Organic fertilizer (see text) farms, 2017	27	58	24	15	1
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,638	863	920	829	(D)
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects farms, 2017	84	143	85	58	-
..... 2012	142	140	137	85	1
..... acres, 2017	6,768	8,577	9,341	8,824	-
..... 2012	10,881	11,872	8,090	8,002	(D)
Weeds, grass, or brush farms, 2017	336	231	328	217	9
..... 2012	458	315	403	220	12
..... acres, 2017	39,064	36,375	46,146	24,133	274
..... 2012	37,133	31,870	38,624	21,564	477
Nematodes farms, 2017	2	4	10	5	-
..... 2012	17	33	11	6	-
..... acres, 2017	(D)	(D)	1,270	2,007	-
..... 2012	1,562	1,374	80	270	-
Diseases in crops and orchards farms, 2017	33	68	39	33	-
..... 2012	36	65	46	38	-
..... acres, 2017	2,037	2,131	942	2,194	-
..... 2012	1,139	7,000	689	1,680	-
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	7	13	14	13	-
..... 2012	10	17	21	17	-
..... acres on which used, 2017	(D)	424	224	596	-
..... 2012	114	270	218	861	-

Item	Carbon	Centre	Chester	Clarion	Clearfield
Commercial fertilizer, lime, and soil conditioners farms, 2017	84	487	781	272	223
..... 2012	100	546	713	274	238
..... acres treated, 2017	6,885	52,404	63,965	22,487	11,644
..... 2012	7,774	52,813	73,827	31,043	11,596
Cropland fertilized, except cropland pasture farms, 2017	79	444	639	233	200
..... 2012	97	519	601	245	220
..... acres treated, 2017	6,789	49,523	58,534	20,422	10,624
..... 2012	7,654	49,858	68,884	28,913	10,730
Pastureland and rangeland fertilized farms, 2017	12	140	290	99	48
..... 2012	12	154	268	87	61
..... acres treated, 2017	96	2,881	5,431	2,065	1,020
..... 2012	120	2,955	4,943	2,130	866
Manure farms, 2017	35	410	539	226	161
..... 2012	38	422	445	197	147
..... acres treated, 2017	810	21,741	31,920	8,391	6,888
..... 2012	742	21,500	25,986	8,621	5,905
Organic fertilizer (see text) farms, 2017	3	52	99	19	17
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	329	1,754	2,019	383	300
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects farms, 2017	41	191	419	36	33
..... 2012	53	254	439	50	62
..... acres, 2017	4,048	17,228	30,624	3,713	803
..... 2012	3,533	18,720	36,638	2,736	2,918
Weeds, grass, or brush farms, 2017	80	401	547	163	152
..... 2012	102	488	648	228	182
..... acres, 2017	7,308	42,461	59,215	16,813	7,231
..... 2012	6,535	43,318	61,912	24,546	8,336
Nematodes farms, 2017	3	26	32	6	2
..... 2012	2	42	56	6	3
..... acres, 2017	71	2,236	3,019	60	(D)
..... 2012	(D)	2,176	1,792	53	(D)
Diseases in crops and orchards farms, 2017	26	66	186	16	15
..... 2012	29	74	169	18	20
..... acres, 2017	2,582	2,449	6,280	(D)	398
..... 2012	1,547	2,372	4,313	584	180
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	3	13	31	3	1
..... 2012	1	22	76	8	4
..... acres on which used, 2017	32	254	572	(D)	(D)
..... 2012	(D)	127	796	420	134

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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	Crawford	Cumberland	Dauphin
Commercial fertilizer, lime, and soil conditionersfarms, 2017	133	386	480	705	324
2012	218	423	552	730	383
acres treated, 2017	14,137	44,430	68,941	93,687	39,993
2012	16,487	51,993	76,098	80,501	41,945
Cropland fertilized, except cropland pasturefarms, 2017	112	361	447	663	281
2012	201	397	532	691	351
acres treated, 2017	13,374	43,418	66,931	90,105	38,683
2012	15,349	50,989	74,183	77,819	40,491
Pastureland and rangeland fertilizedfarms, 2017	49	85	93	181	99
2012	71	85	97	163	118
acres treated, 2017	763	1,012	2,010	3,582	1,310
2012	1,138	1,004	1,915	2,682	1,454
Manurefarms, 2017	122	218	425	568	255
2012	194	243	459	556	258
acres treated, 2017	4,926	9,590	25,376	48,088	15,842
2012	9,627	9,839	28,385	44,365	15,401
Organic fertilizer (see text)farms, 2017	11	13	25	38	22
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	277	572	1,290	1,024	1,499
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	51	129	71	365	133
2012	108	181	156	367	165
acres, 2017	4,188	20,390	8,893	40,931	17,476
2012	6,351	28,762	22,445	30,155	13,581
Weeds, grass, or brushfarms, 2017	105	300	354	574	265
2012	178	433	485	707	366
acres, 2017	15,291	44,527	67,363	88,463	36,853
2012	14,539	53,042	67,794	75,577	41,926
Nematodesfarms, 2017	3	21	15	13	4
2012	19	26	31	31	20
acres, 2017	11	2,790	6,333	1,307	2,314
2012	140	1,734	608	2,195	1,777
Diseases in crops and orchardsfarms, 2017	20	74	26	129	47
2012	40	99	44	118	65
acres, 2017	2,439	6,151	4,789	7,120	3,212
2012	2,121	11,677	2,288	4,327	3,178
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	3	10	4	10	7
2012	18	21	19	23	14
acres on which used, 2017	(D)	(D)	60	1,195	1,354
2012	137	544	548	1,079	1,174
Item	Delaware	Elk	Erie	Fayette	Forest
Commercial fertilizer, lime, and soil conditionersfarms, 2017	13	96	536	275	15
2012	23	105	580	258	22
acres treated, 2017	135	3,282	52,808	19,448	594
2012	313	3,350	56,060	16,680	1,095
Cropland fertilized, except cropland pasturefarms, 2017	13	94	497	226	15
2012	18	98	560	233	21
acres treated, 2017	135	2,870	51,423	16,814	488
2012	(D)	2,939	55,207	15,039	924
Pastureland and rangeland fertilizedfarms, 2017	-	23	97	95	7
2012	5	28	63	81	8
acres treated, 2017	-	412	1,385	2,634	106
2012	(D)	411	853	1,641	171
Manurefarms, 2017	7	83	310	213	14
2012	7	71	308	192	15
acres treated, 2017	57	1,858	11,994	7,183	205
2012	96	1,515	12,422	5,111	450
Organic fertilizer (see text)farms, 2017	2	6	16	19	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	135	347	464	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	6	20	224	56	4
2012	11	20	305	45	7
acres, 2017	(D)	241	23,288	3,845	(D)
2012	120	814	23,601	4,112	307
Weeds, grass, or brushfarms, 2017	14	72	429	149	11
2012	15	72	563	159	18
acres, 2017	222	1,693	49,305	15,629	299
2012	(D)	1,823	55,903	11,534	745
Nematodesfarms, 2017	-	1	36	9	-
2012	1	6	43	12	-
acres, 2017	-	(D)	2,114	728	-
2012	(D)	21	3,307	541	-
Diseases in crops and orchardsfarms, 2017	5	15	181	21	-
2012	6	11	187	13	4
acres, 2017	73	259	14,694	1,130	-
2012	144	91	13,992	133	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	-	6	39	6	-
2012	3	6	65	6	-
acres on which used, 2017	-	8	2,669	(D)	-
2012	20	18	4,828	(D)	-

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

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

Item	Franklin	Fulton	Greene	Huntingdon	Indiana	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	955	261	170	354	371
	2012	966	292	134	376	435
acres treated, 2017	147,065	26,804	8,137	38,522	51,903	
	2012	146,468	28,503	5,150	48,323	46,098
Cropland fertilized, except cropland pasture	farms, 2017	896	243	155	308	337
	2012	918	272	105	342	388
acres treated, 2017	140,752	25,293	6,992	36,767	50,495	
	2012	140,010	26,259	4,211	44,433	43,799
Pastureland and rangeland fertilized	farms, 2017	256	79	41	114	85
	2012	267	88	47	125	128
acres treated, 2017	6,313	1,511	1,145	1,755	1,408	
	2012	6,458	2,244	939	3,890	2,299
Manure	farms, 2017	845	227	92	286	312
	2012	808	258	86	290	343
acres treated, 2017	107,624	13,696	2,813	18,634	12,926	
	2012	104,602	16,240	1,656	29,035	14,139
Organic fertilizer (see text)	farms, 2017	41	20	10	30	10
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,874	586	325	542	189	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects					
farms, 2017	528	51	7	86	140	
	2012	592	73	22	123	150
acres, 2017	53,521	10,707	214	8,453	22,376	
	2012	62,442	8,837	329	24,757	13,750
Weeds, grass, or brush	farms, 2017	869	156	48	234	272
	2012	938	260	69	326	362
acres, 2017	135,181	18,558	1,751	28,709	43,479	
	2012	133,997	21,176	2,265	39,689	41,442
Nematodes	farms, 2017	21	3	-	7	13
	2012	62	8	3	16	17
acres, 2017	1,690	159	-	987	539	
	2012	4,392	470	(D)	1,062	1,564
Diseases in crops and orchards	farms, 2017	143	18	8	25	42
	2012	153	12	7	41	49
acres, 2017	7,853	789	29	1,087	2,526	
	2012	7,335	297	(D)	2,008	1,439
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	36	7	1	3	8
	2012	28	3	2	14	16
acres on which used, 2017	1,267	479	(D)	236	116	
	2012	2,325	(D)	(D)	334	317
Item	Jefferson	Juniata	Lackawanna	Lancaster	Lawrence	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	240	292	97	3,274	283
	2012	280	321	86	3,451	294
acres treated, 2017	22,240	28,356	6,157	224,192	32,454	
	2012	20,354	27,429	4,814	237,166	28,899
Cropland fertilized, except cropland pasture	farms, 2017	223	263	94	2,985	268
	2012	259	305	77	3,298	279
acres treated, 2017	21,325	26,896	5,687	215,222	31,423	
	2012	19,201	25,965	4,408	226,745	27,979
Pastureland and rangeland fertilized	farms, 2017	59	79	16	897	57
	2012	61	71	21	957	41
acres treated, 2017	915	1,460	470	8,970	1,031	
	2012	1,153	1,464	406	10,421	920
Manure	farms, 2017	174	290	79	2,824	196
	2012	196	290	71	2,776	214
acres treated, 2017	9,608	25,233	3,179	153,020	5,803	
	2012	8,560	23,768	3,281	165,379	9,326
Organic fertilizer (see text)	farms, 2017	15	49	7	267	14
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	445	2,525	265	8,197	1,398	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects					
farms, 2017	32	75	35	2,158	66	
	2012	68	117	34	2,496	93
acres, 2017	1,604	3,762	744	129,127	4,768	
	2012	3,138	7,080	2,108	135,551	7,514
Weeds, grass, or brush	farms, 2017	178	229	70	2,640	242
	2012	232	296	78	3,316	259
acres, 2017	15,340	28,321	3,867	208,611	33,282	
	2012	18,106	27,859	3,753	230,913	26,512
Nematodes	farms, 2017	1	7	2	118	5
	2012	4	11	8	299	7
acres, 2017	(D)	102	(D)	12,663	(D)	
	2012	806	357	48	12,677	87
Diseases in crops and orchards	farms, 2017	10	26	32	865	17
	2012	33	40	28	730	32
acres, 2017	299	655	195	29,096	285	
	2012	1,350	1,029	315	14,932	782
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	6	8	8	221	4
	2012	13	12	2	422	13
acres on which used, 2017	139	64	29	3,993	134	
	2012	357	187	(D)	5,610	312

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

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

Item	Lebanon	Lehigh	Luzerne	Lycoming	McKean
Commercial fertilizer, lime, and soil conditionersfarms, 2017	640	206	207	470	69
2012	705	259	223	486	87
acres treated, 2017	57,772	43,845	14,938	37,383	3,727
2012	72,247	46,030	20,647	40,793	3,762
Cropland fertilized, except cropland pasturefarms, 2017	566	189	179	432	61
2012	641	229	205	467	74
acres treated, 2017	56,020	43,455	14,439	35,498	2,790
2012	69,408	45,461	20,228	39,138	2,808
Pastureland and rangeland fertilizedfarms, 2017	147	41	47	130	13
2012	210	63	29	107	29
acres treated, 2017	1,752	390	499	1,885	937
2012	2,839	569	419	1,655	954
Manurefarms, 2017	536	107	101	321	75
2012	556	99	107	309	62
acres treated, 2017	43,959	7,010	3,100	12,664	4,109
2012	47,942	5,485	2,814	13,697	3,773
Organic fertilizer (see text)farms, 2017	61	18	8	17	14
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,504	403	143	215	1,812
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	301	135	84	138	8
2012	404	126	106	180	22
acres, 2017	31,413	25,798	3,595	10,858	60
2012	38,501	22,463	4,784	12,017	317
Weeds, grass, or brushfarms, 2017	569	189	162	332	30
2012	680	247	211	446	55
acres, 2017	62,352	42,981	13,974	30,586	1,166
2012	74,019	44,854	19,939	35,905	1,295
Nematodesfarms, 2017	36	14	2	15	-
2012	52	14	17	23	2
acres, 2017	3,088	720	(D)	585	-
2012	3,310	361	429	1,054	(D)
Diseases in crops and orchardsfarms, 2017	100	75	57	48	3
2012	86	66	60	67	8
acres, 2017	6,434	7,375	1,005	1,375	(D)
2012	3,282	6,396	3,337	3,300	28
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	5	22	16	26	1
2012	21	14	17	23	2
acres on which used, 2017	175	720	263	432	(D)
2012	790	218	380	323	(D)
Item	Mercer	Mifflin	Monroe	Montgomery	Montour
Commercial fertilizer, lime, and soil conditionersfarms, 2017	547	333	69	213	177
2012	568	403	90	201	200
acres treated, 2017	65,136	32,731	4,018	11,042	19,100
2012	65,847	35,403	8,109	9,311	16,631
Cropland fertilized, except cropland pasturefarms, 2017	514	292	61	185	167
2012	531	389	85	158	189
acres treated, 2017	63,089	29,964	3,959	10,542	18,112
2012	63,738	33,404	7,983	8,490	15,729
Pastureland and rangeland fertilizedfarms, 2017	100	134	11	44	51
2012	121	117	11	63	62
acres treated, 2017	2,047	2,767	59	500	988
2012	2,109	1,999	126	821	902
Manurefarms, 2017	449	323	42	141	141
2012	379	306	47	124	143
acres treated, 2017	19,351	20,979	972	2,754	7,620
2012	18,967	21,051	1,062	3,419	6,998
Organic fertilizer (see text)farms, 2017	32	29	7	15	12
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,407	999	13	576	300
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	82	166	34	87	58
2012	144	223	52	111	72
acres, 2017	8,307	14,814	1,638	3,120	3,862
2012	10,303	18,075	4,026	3,475	3,156
Weeds, grass, or brushfarms, 2017	388	262	43	150	136
2012	483	345	78	172	182
acres, 2017	56,533	24,027	4,811	10,001	16,640
2012	59,785	28,181	6,936	9,034	15,089
Nematodesfarms, 2017	2	9	5	17	3
2012	23	33	7	13	5
acres, 2017	(D)	2,054	(D)	525	(D)
2012	259	1,846	(D)	210	168
Diseases in crops and orchardsfarms, 2017	45	43	17	60	10
2012	37	52	18	32	11
acres, 2017	740	2,849	292	1,309	341
2012	903	2,900	448	214	657
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	6	9	2	12	10
2012	16	17	6	11	16
acres on which used, 2017	1,443	97	(D)	522	162
2012	336	392	27	264	194

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

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

Item	Northampton	Northumberland	Perry	Philadelphia	Pike	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	213	390	363	6	15
	2012	238	395	418	8	14
acres treated, 2017	34,451	68,842	48,694	29	480	
	2012	40,088	65,868	50,534	14	1,375
Cropland fertilized, except cropland pasture	farms, 2017	200	375	341	4	14
	2012	216	378	393	8	14
acres treated, 2017	34,189	66,139	47,360	(D)	(D)	
	2012	39,743	63,646	46,583	14	(D)
Pastureland and rangeland fertilized	farms, 2017	23	100	85	2	3
	2012	39	105	117	-	1
acres treated, 2017	262	2,703	1,334	(D)	(D)	
	2012	345	2,222	3,951	-	(D)
Manure	farms, 2017	98	295	300	10	6
	2012	122	287	325	1	4
acres treated, 2017	3,421	22,859	35,553	43	207	
	2012	3,036	21,594	37,232	(D)	(D)
Organic fertilizer (see text)	farms, 2017	15	16	33	4	3
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	377	1,674	2,603	4	6	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects					
farms, 2017	135	176	136	2	1	
	2012	133	244	178	8	3
acres, 2017	24,658	30,290	8,944	(D)	(D)	
	2012	26,792	34,001	13,223	(D)	(D)
Weeds, grass, or brush	farms, 2017	180	316	291	-	8
	2012	213	400	381	4	6
acres, 2017	38,829	63,699	46,010	-	38	
	2012	46,222	67,394	45,365	7	(D)
Nematodes	farms, 2017	14	9	13	-	-
	2012	25	37	11	-	2
acres, 2017	1,325	1,066	260	-	-	
	2012	3,081	3,145	1,638	-	(D)
Diseases in crops and orchards	farms, 2017	63	82	59	2	1
	2012	73	88	48	1	-
acres, 2017	8,030	7,428	2,207	(D)	(D)	
	2012	11,809	6,348	2,105	(D)	-
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	17	25	11	-	-
	2012	18	47	10	-	1
acres on which used, 2017	118	902	569	-	-	
	2012	619	2,039	127	-	(D)

Item	Potter	Schuylkill	Snyder	Somerset	Sullivan	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	143	374	454	576	59
	2012	128	388	445	560	79
acres treated, 2017	16,272	45,855	42,391	78,323	9,004	
	2012	16,677	47,530	33,609	64,223	6,877
Cropland fertilized, except cropland pasture	farms, 2017	134	364	410	537	57
	2012	122	371	416	534	74
acres treated, 2017	15,867	45,194	41,025	73,835	8,124	
	2012	16,350	46,524	32,235	59,866	6,562
Pastureland and rangeland fertilized	farms, 2017	28	55	117	156	18
	2012	16	70	99	156	17
acres treated, 2017	405	661	1,366	4,488	880	
	2012	327	1,006	1,374	4,357	315
Manure	farms, 2017	130	213	414	478	55
	2012	109	256	410	484	38
acres treated, 2017	11,619	12,710	29,788	38,699	5,660	
	2012	12,239	19,385	24,451	38,861	3,697
Organic fertilizer (see text)	farms, 2017	12	20	16	74	6
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	203	213	1,252	4,909	208	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects					
farms, 2017	27	183	202	140	5	
	2012	26	252	237	151	24
acres, 2017	2,347	19,975	14,101	17,760	(D)	
	2012	4,938	26,101	11,324	14,971	1,202
Weeds, grass, or brush	farms, 2017	91	348	376	417	52
	2012	90	413	433	477	66
acres, 2017	12,708	48,639	45,480	60,418	6,491	
	2012	13,189	50,581	32,652	45,135	5,176
Nematodes	farms, 2017	2	13	13	3	-
	2012	11	39	37	15	3
acres, 2017	(D)	1,139	606	(D)	(D)	
	2012	1,147	2,988	575	1,737	55
Diseases in crops and orchards	farms, 2017	20	87	111	82	5
	2012	19	134	118	39	7
acres, 2017	1,101	5,035	3,331	3,821	10	
	2012	3,309	7,307	2,869	828	50
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	10	10	22	9	1
	2012	8	29	21	13	4
acres on which used, 2017	(D)	386	1,008	629	(D)	
	2012	(D)	1,734	566	114	8

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

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

Item	Susquehanna	Tioga	Union	Venango	Warren
Commercial fertilizer, lime, and soil conditionersfarms, 2017	291	358	358	171	146
2012	277	330	338	197	194
acres treated, 2017	15,232	31,058	29,372	14,471	10,973
2012	14,408	27,226	31,900	17,005	10,711
Cropland fertilized, except cropland pasturefarms, 2017	229	321	317	142	139
2012	242	317	320	183	172
acres treated, 2017	12,562	28,853	28,240	13,823	9,960
2012	12,745	25,487	31,007	16,163	9,581
Pastureland and rangeland fertilizedfarms, 2017	97	66	97	44	34
2012	57	49	68	48	48
acres treated, 2017	2,670	2,205	1,132	648	1,013
2012	1,663	1,739	893	842	1,130
Manurefarms, 2017	310	339	300	114	136
2012	243	288	291	156	171
acres treated, 2017	21,880	31,285	22,708	4,070	6,957
2012	19,485	29,594	21,635	4,160	6,282
Organic fertilizer (see text)farms, 2017	8	12	24	4	3
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	537	1,178	1,661	74	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	33	49	167	14	26
2012	66	85	194	47	28
acres, 2017	1,238	5,077	9,617	2,565	2,107
2012	2,195	4,752	11,738	2,203	1,341
Weeds, grass, or brushfarms, 2017	135	236	290	120	81
2012	224	310	338	160	115
acres, 2017	5,238	23,579	31,948	13,735	6,551
2012	8,928	21,943	29,410	13,409	6,454
Nematodesfarms, 2017	2	6	13	-	1
2012	11	9	12	1	9
acres, 2017	(D)	2,305	605	-	(D)
2012	43	546	496	(D)	196
Diseases in crops and orchardsfarms, 2017	15	21	42	9	10
2012	21	33	48	14	15
acres, 2017	548	1,414	514	2,305	171
2012	562	643	1,634	99	111
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	8	4	5	-	3
2012	16	12	13	2	3
acres on which used, 2017	36	11	(D)	-	38
2012	329	107	735	(D)	(D)
Item	Washington	Wayne	Westmoreland	Wyoming	York
Commercial fertilizer, lime, and soil conditionersfarms, 2017	381	223	415	159	995
2012	412	208	486	173	1,049
acres treated, 2017	15,529	12,631	46,752	9,152	150,153
2012	15,907	7,797	37,010	13,583	151,872
Cropland fertilized, except cropland pasturefarms, 2017	340	207	386	140	872
2012	335	200	434	162	964
acres treated, 2017	12,997	11,037	44,668	8,334	145,994
2012	13,410	6,642	34,627	12,858	147,839
Pastureland and rangeland fertilizedfarms, 2017	99	44	86	35	284
2012	133	39	113	30	271
acres treated, 2017	2,532	1,594	2,084	818	4,159
2012	2,497	1,155	2,383	725	4,033
Manurefarms, 2017	360	187	357	122	619
2012	334	196	345	120	646
acres treated, 2017	10,025	11,564	12,877	5,645	46,262
2012	9,639	12,639	11,939	6,076	37,466
Organic fertilizer (see text)farms, 2017	29	17	20	6	51
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	581	642	1,392	78	1,112
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	71	55	90	49	424
2012	109	71	143	46	529
acres, 2017	1,709	1,301	13,846	1,551	77,603
2012	2,640	550	12,558	1,749	63,791
Weeds, grass, or brushfarms, 2017	222	110	320	99	863
2012	275	149	441	143	1,018
acres, 2017	8,272	5,016	47,207	5,688	161,060
2012	10,363	2,715	34,904	7,084	150,676
Nematodesfarms, 2017	3	4	6	-	25
2012	14	11	26	6	60
acres, 2017	148	120	135	-	10,657
2012	336	46	292	40	10,528
Diseases in crops and orchardsfarms, 2017	27	43	30	32	192
2012	38	40	48	20	215
acres, 2017	402	978	6,255	431	23,249
2012	500	191	788	169	18,731
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	6	12	13	4	41
2012	13	12	13	8	44
acres on which used, 2017	120	55	284	33	2,677
2012	211	73	173	227	702