

**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002**

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

Item	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	29,500	683	169	399	253	590	1,083
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	2,689,081	88,560	3,808	34,907	11,901	66,953	117,374
..... 2002	2,665,724	102,327	4,488	37,698	10,482	60,864	116,931
Cropland fertilized, except cropland pastured ..... farms, 2007	27,198	632	140	364	229	549	1,015
..... 2002	26,812	699	132	398	299	538	985
..... acres treated, 2007	2,547,105	82,660	3,122	32,232	11,199	61,826	114,112
..... 2002	2,501,909	98,355	4,057	35,753	10,232	56,930	111,455
Pastureland and rangeland fertilized ..... farms, 2007	7,338	144	43	112	48	167	211
..... 2002	8,310	140	39	113	22	177	258
..... acres treated, 2007	141,976	5,900	686	2,675	702	5,127	3,262
..... 2002	163,815	3,972	431	1,945	250	3,934	5,476
Manure <sup>1</sup> ..... farms, 2007	20,449	382	77	262	207	488	706
..... 2002	23,228	463	119	292	276	490	831
..... acres treated, 2007	1,230,558	32,422	1,315	9,770	6,926	39,668	58,691
..... 2002	1,333,504	37,435	1,854	10,842	9,971	36,593	58,183
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	12,125	282	71	76	73	281	646
..... 2002	11,882	305	93	85	56	259	686
..... acres treated, 2007	947,953	34,762	1,081	4,960	1,910	25,423	50,959
..... 2002	791,004	28,614	1,358	6,332	756	22,252	58,262
Weeds, grass, or brush ..... farms, 2007	20,940	554	90	227	156	448	940
..... 2002	19,547	560	125	260	163	302	796
..... acres treated, 2007	1,965,712	68,853	1,503	16,901	7,664	41,038	95,817
..... 2002	1,530,696	60,440	2,160	17,340	3,893	26,178	83,461
Nematodes ..... farms, 2007	790	15	6	2	2	15	51
..... 2002	907	47	3	5	8	40	52
..... acres treated, 2007	52,654	791	30	(D)	(D)	1,180	3,289
..... 2002	55,013	4,777	18	125	16	1,832	6,984
Diseases in crops and orchards ..... farms, 2007	3,470	155	42	24	31	48	173
..... 2002	3,267	169	47	-	30	47	94
..... acres treated, 2007	116,591	16,342	457	202	372	1,499	4,087
..... 2002	99,619	19,050	465	-	173	963	2,749
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	1,102	112	14	11	7	23	44
..... 2002	1,073	98	12	11	22	14	50
..... acres treated, 2007	34,937	9,457	100	268	69	1,135	1,076
..... 2002	37,076	9,578	108	230	70	827	1,755
Item	Blair	Bradford	Bucks	Butler	Cambria	Cameron	Carbon
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	292	490	467	567	309	23	99
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	42,007	46,727	42,513	38,028	26,199	883	7,245
..... 2002	36,843	55,870	41,078	42,938	48,078	440	7,357
Cropland fertilized, except cropland pastured ..... farms, 2007	282	456	380	503	299	19	97
..... 2002	241	371	472	581	334	16	102
..... acres treated, 2007	40,953	43,550	40,958	35,738	25,482	711	7,103
..... 2002	34,534	53,659	37,496	40,795	46,362	314	7,033
Pastureland and rangeland fertilized ..... farms, 2007	56	86	130	135	57	11	17
..... 2002	86	102	220	191	124	9	27
..... acres treated, 2007	1,054	3,177	1,555	2,290	717	172	142
..... 2002	2,309	2,211	3,582	2,143	1,716	126	324
Manure <sup>1</sup> ..... farms, 2007	213	449	233	389	229	18	44
..... 2002	257	581	285	457	231	15	62
..... acres treated, 2007	27,208	38,991	7,628	11,080	7,228	321	1,074
..... 2002	29,851	50,143	9,933	15,683	9,522	255	970
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	192	77	196	155	96	3	52
..... 2002	189	108	193	144	110	7	56
..... acres treated, 2007	23,192	6,481	10,439	10,204	5,790	(D)	2,965
..... 2002	20,321	8,168	9,412	9,574	13,176	42	2,536
Weeds, grass, or brush ..... farms, 2007	228	309	309	398	226	12	84
..... 2002	192	292	332	418	312	7	81
..... acres treated, 2007	25,363	23,902	31,959	27,407	16,873	298	6,118
..... 2002	19,462	26,425	22,709	29,089	22,060	(D)	4,959
Nematodes ..... farms, 2007	10	9	17	13	5	-	6
..... 2002	19	19	2	11	2	-	10
..... acres treated, 2007	720	134	695	603	(D)	-	479
..... 2002	1,429	1,598	(D)	(D)	(D)	-	652
Diseases in crops and orchards ..... farms, 2007	38	18	86	70	30	1	26
..... 2002	34	55	50	49	22	4	32
..... acres treated, 2007	701	141	1,948	1,103	2,500	(D)	1,451
..... 2002	756	801	1,593	1,014	2,935	36	568
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	8	18	27	19	15	-	3
..... 2002	1	-	59	13	15	-	7
..... acres treated, 2007	429	791	1,157	104	1,651	-	9
..... 2002	(D)	-	265	172	2,130	-	25

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Centre	Chester	Clarion	Clearfield	Clinton	Columbia	Crawford
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	593	857	351	251	264	426	684
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	51,650	81,539	27,050	11,440	20,134	55,855	79,485
.....acres treated, 2002	57,641	77,470	27,816	8,987	18,959	53,505	73,834
Cropland fertilized, except cropland pastured .....farms, 2007	529	730	329	236	232	397	646
.....farms, 2002	557	730	331	242	231	386	633
.....acres treated, 2007	48,052	74,390	24,948	10,432	18,411	54,395	76,475
.....acres treated, 2002	53,492	69,096	25,447	8,403	18,188	52,640	69,713
Pastureland and rangeland fertilized .....farms, 2007	199	316	92	57	107	90	146
.....farms, 2002	206	385	135	64	73	71	215
.....acres treated, 2007	3,598	7,149	2,102	1,008	1,723	1,460	3,010
.....acres treated, 2002	4,149	8,374	2,369	584	771	865	4,121
Manure <sup>1</sup> .....farms, 2007	454	458	270	149	193	240	573
.....farms, 2002	495	515	306	143	191	260	653
.....acres treated, 2007	24,435	27,684	8,961	6,074	9,550	12,802	31,259
.....acres treated, 2002	24,393	33,101	10,479	6,485	10,748	14,745	36,868
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	242	476	45	52	114	168	133
.....farms, 2002	237	489	42	51	81	174	135
.....acres treated, 2007	19,167	34,698	6,162	2,434	7,969	18,931	11,032
.....acres treated, 2002	14,153	27,956	3,963	887	7,942	16,826	9,864
Weeds, grass, or brush .....farms, 2007	423	559	199	144	177	346	450
.....farms, 2002	382	527	170	145	161	289	492
.....acres treated, 2007	36,057	56,776	13,149	5,322	13,546	43,874	56,194
.....acres treated, 2002	33,736	45,824	12,963	8,830	10,736	36,420	40,171
Nematodes .....farms, 2007	16	42	-	7	7	16	5
.....farms, 2002	23	61	1	-	8	4	46
.....acres treated, 2007	766	1,757	-	232	665	1,548	178
.....acres treated, 2002	203	1,871	(D)	-	(D)	(D)	852
Diseases in crops and orchards .....farms, 2007	80	129	13	15	21	57	30
.....farms, 2002	40	177	17	42	7	92	35
.....acres treated, 2007	2,179	2,394	55	175	876	5,357	907
.....acres treated, 2002	1,249	2,571	909	445	(D)	5,668	67
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	22	23	2	6	14	10	13
.....farms, 2002	3	34	8	16	1	3	14
.....acres treated, 2007	257	211	(D)	84	216	269	225
.....acres treated, 2002	(D)	918	112	212	(D)	122	1,295
Item	Cumberland	Dauphin	Delaware	Elk	Erie	Fayette	Forest
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	725	413	25	183	703	436	42
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	78,297	45,570	544	5,372	54,820	25,744	1,613
.....acres treated, 2002	69,198	40,110	(D)	5,384	61,506	26,050	1,477
Cropland fertilized, except cropland pastured .....farms, 2007	688	370	23	165	675	388	36
.....farms, 2002	569	378	15	111	608	357	37
.....acres treated, 2007	74,284	44,149	467	4,792	53,174	22,831	1,396
.....acres treated, 2002	65,112	38,978	(D)	4,874	58,658	23,599	1,249
Pastureland and rangeland fertilized .....farms, 2007	167	114	7	49	82	120	18
.....farms, 2002	206	82	5	54	72	93	18
.....acres treated, 2007	4,013	1,421	77	580	1,646	2,913	217
.....acres treated, 2002	4,086	1,132	53	510	2,848	2,451	228
Manure <sup>1</sup> .....farms, 2007	553	292	3	106	340	274	35
.....farms, 2002	523	336	14	96	234	295	33
.....acres treated, 2007	44,206	16,107	28	2,481	13,999	9,023	695
.....acres treated, 2002	42,104	16,036	136	2,714	14,694	14,259	530
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	348	192	9	36	339	101	15
.....farms, 2002	279	208	17	14	303	112	6
.....acres treated, 2007	28,094	14,279	154	233	24,232	9,012	95
.....acres treated, 2002	23,177	12,889	173	326	20,014	6,816	10
Weeds, grass, or brush .....farms, 2007	591	328	15	67	507	208	27
.....farms, 2002	396	238	26	35	487	220	17
.....acres treated, 2007	61,951	36,913	(D)	1,223	45,451	16,010	795
.....acres treated, 2002	41,470	28,571	259	752	47,741	10,341	267
Nematodes .....farms, 2007	25	18	-	3	39	19	-
.....farms, 2002	3	14	1	3	31	1	-
.....acres treated, 2007	2,204	801	-	13	1,438	1,115	-
.....acres treated, 2002	(D)	480	(D)	21	3,333	(D)	-
Diseases in crops and orchards .....farms, 2007	85	45	3	13	213	26	5
.....farms, 2002	53	42	5	3	217	23	2
.....acres treated, 2007	2,883	1,864	(D)	(D)	12,514	767	6
.....acres treated, 2002	2,119	1,111	48	3	13,492	148	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	18	19	2	8	32	6	2
.....farms, 2002	1	3	4	3	8	1	-
.....acres treated, 2007	700	442	(D)	41	1,265	29	(D)
.....acres treated, 2002	(D)	(D)	74	45	877	(D)	-

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Franklin	Fulton	Greene	Huntingdon	Indiana	Jefferson	Juniata	Lackawanna
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	895	283	232	417	553	310	369	136
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	129,122	26,502	9,685	37,326	48,690	17,635	30,822	5,336
..... acres treated, 2002	128,254	31,506	6,192	41,358	38,890	22,762	27,342	8,728
Cropland fertilized, except cropland pastured ..... farms, 2007	839	265	201	385	504	288	337	126
..... farms, 2002	863	274	143	425	454	322	331	128
..... acres treated, 2007	122,040	22,735	7,564	34,222	46,585	16,222	29,327	4,955
..... acres treated, 2002	119,787	27,510	5,499	37,327	36,405	21,532	25,106	8,151
Pastureland and rangeland fertilized ..... farms, 2007	305	115	63	119	117	65	85	23
..... farms, 2002	308	118	28	176	122	105	159	29
..... acres treated, 2007	7,082	3,767	2,121	3,104	2,105	1,413	1,495	381
..... acres treated, 2002	8,467	3,996	693	4,031	2,485	1,230	2,236	577
Manure <sup>1</sup> ..... farms, 2007	767	222	142	316	363	200	300	77
..... farms, 2002	904	231	90	377	459	236	341	74
..... acres treated, 2007	89,983	14,072	2,737	20,274	13,054	6,999	23,091	4,139
..... acres treated, 2002	86,733	15,153	2,599	25,936	19,987	13,872	19,892	4,191
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	508	64	31	120	130	53	103	50
..... farms, 2002	544	58	37	125	183	61	160	34
..... acres treated, 2007	56,108	5,505	927	14,208	15,772	1,685	7,343	1,456
..... acres treated, 2002	57,717	4,314	1,480	12,503	8,093	7,421	5,954	568
Weeds, grass, or brush ..... farms, 2007	755	185	75	259	316	178	287	83
..... farms, 2002	721	131	60	326	331	147	290	59
..... acres treated, 2007	101,405	11,696	2,065	19,214	30,971	9,749	26,383	1,976
..... acres treated, 2002	90,347	5,778	1,688	19,799	14,745	10,874	16,760	2,088
Nematodes ..... farms, 2007	29	5	4	17	3	4	8	3
..... farms, 2002	16	1	8	30	9	-	10	6
..... acres treated, 2007	1,868	293	188	2,225	(D)	62	955	43
..... acres treated, 2002	1,237	(D)	480	1,578	830	-	625	30
Diseases in crops and orchards ..... farms, 2007	88	8	16	35	33	14	26	24
..... farms, 2002	114	9	17	41	29	-	14	39
..... acres treated, 2007	5,873	83	204	1,754	327	256	416	261
..... acres treated, 2002	5,132	68	85	213	1,358	-	515	466
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	24	7	3	11	13	7	4	7
..... farms, 2002	43	21	-	14	-	-	26	7
..... acres treated, 2007	2,153	222	(D)	208	156	54	56	16
..... acres treated, 2002	3,380	378	-	84	104	-	234	183
Item	Lancaster	Lawrence	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	3,533	358	618	316	290	603	98	647
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	230,295	38,646	56,708	60,855	22,674	48,576	3,690	70,651
..... acres treated, 2002	207,787	37,140	61,407	54,785	21,032	74,079	4,829	46,886
Cropland fertilized, except cropland pastured ..... farms, 2007	3,358	337	545	291	278	568	80	618
..... farms, 2002	3,068	328	470	282	225	741	86	726
..... acres treated, 2007	217,905	37,167	53,848	60,061	22,053	46,379	2,856	67,810
..... acres treated, 2002	192,180	35,647	59,103	54,174	20,502	70,255	3,730	43,634
Pastureland and rangeland fertilized ..... farms, 2007	1,011	60	188	46	44	134	29	133
..... farms, 2002	1,093	67	150	19	29	253	37	153
..... acres treated, 2007	12,390	1,479	2,860	794	621	2,197	834	2,841
..... acres treated, 2002	15,607	1,493	2,304	611	530	3,824	1,099	3,252
Manure <sup>1</sup> ..... farms, 2007	2,710	229	106	126	126	384	98	441
..... farms, 2002	3,227	247	509	85	112	599	117	583
..... acres treated, 2007	158,672	10,386	46,451	5,605	3,835	14,004	3,503	24,750
..... acres treated, 2002	169,628	16,088	44,756	4,500	4,294	31,863	5,095	19,398
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	2,410	134	357	162	123	206	17	143
..... farms, 2002	2,552	79	301	189	166	214	22	180
..... acres treated, 2007	121,652	13,243	28,964	34,293	7,553	13,453	266	11,057
..... acres treated, 2002	121,329	4,373	24,706	14,285	8,414	15,837	161	6,060
Weeds, grass, or brush ..... farms, 2007	2,784	277	542	221	202	454	58	460
..... farms, 2002	2,506	222	517	256	159	559	35	518
..... acres treated, 2007	199,696	30,309	55,609	52,099	16,258	35,525	2,239	54,428
..... acres treated, 2002	143,994	20,493	40,779	31,862	13,074	50,524	1,005	24,682
Nematodes ..... farms, 2007	105	8	30	9	10	14	-	5
..... farms, 2002	132	-	19	7	21	32	-	1
..... acres treated, 2007	6,514	289	2,328	2,136	446	359	(D)	123
..... acres treated, 2002	8,822	-	1,267	182	689	732	-	(D)
Diseases in crops and orchards ..... farms, 2007	548	23	49	59	51	52	8	39
..... farms, 2002	527	10	25	61	61	72	3	22
..... acres treated, 2007	9,301	249	2,673	3,370	1,470	1,366	54	330
..... acres treated, 2002	9,297	389	229	1,041	2,436	2,114	9	120
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	166	17	19	22	9	23	2	11
..... farms, 2002	160	-	14	19	11	41	3	-
..... acres treated, 2007	2,629	218	277	1,083	118	475	(D)	331
..... acres treated, 2002	4,557	-	544	159	129	747	9	-

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	Perry	Philadelphia
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	531	130	327	239	255	499	438	7
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	35,179	8,513	13,069	15,449	46,447	74,417	48,362	7
.....acres treated, 2002	35,905	12,383	15,320	15,571	49,557	63,953	37,900	(D)
Cropland fertilized, except cropland pastured .....farms, 2007	475	116	279	225	231	482	409	7
.....farms, 2002	499	121	323	161	245	393	401	1
.....acres treated, 2007	32,744	8,181	12,296	14,824	45,842	73,106	46,168	7
.....acres treated, 2002	31,705	11,199	14,619	14,995	49,113	62,344	35,414	(D)
Pastureland and rangeland fertilized .....farms, 2007	166	23	79	54	45	106	103	-
.....farms, 2002	192	60	72	40	35	100	133	-
.....acres treated, 2007	2,435	332	773	625	605	1,311	2,194	-
.....acres treated, 2002	4,200	1,184	701	576	444	1,609	2,486	-
Manure <sup>1</sup> .....farms, 2007	391	58	161	159	118	298	343	5
.....farms, 2002	445	85	193	140	162	228	352	-
.....acres treated, 2007	23,142	939	3,899	5,451	4,493	24,483	27,054	24
.....acres treated, 2002	22,601	3,047	3,957	4,984	7,002	18,499	24,763	-
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	247	54	117	74	140	235	133	4
.....farms, 2002	232	51	133	41	129	226	111	-
.....acres treated, 2007	15,525	2,887	4,072	5,284	22,466	40,913	9,852	4
.....acres treated, 2002	15,027	2,872	4,522	2,134	16,484	20,462	7,421	-
Weeds, grass, or brush .....farms, 2007	344	67	191	153	194	411	318	1
.....farms, 2002	378	84	214	110	163	317	293	2
.....acres treated, 2007	25,060	5,420	9,403	11,964	37,668	68,840	40,968	(D)
.....acres treated, 2002	19,749	5,011	13,358	9,496	25,613	41,004	23,195	(D)
Nematodes .....farms, 2007	6	5	13	2	4	13	5	-
.....farms, 2002	3	2	18	1	18	24	12	-
.....acres treated, 2007	776	18	359	(D)	2,063	929	560	-
.....acres treated, 2002	540	(D)	88	(D)	1,756	1,148	675	-
Diseases in crops and orchards .....farms, 2007	39	26	43	24	63	57	21	4
.....farms, 2002	39	8	49	12	57	67	27	2
.....acres treated, 2007	1,078	357	362	1,258	1,233	3,015	659	4
.....acres treated, 2002	388	227	443	346	1,551	2,192	667	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	17	6	15	7	9	23	11	-
.....farms, 2002	18	-	19	15	15	10	-	-
.....acres treated, 2007	240	18	263	96	521	656	68	-
.....acres treated, 2002	351	-	71	540	570	87	-	-
Item	Pike	Potter	Schuylkill	Snyder	Somerset	Sullivan	Susquehanna	Tioga
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	18	137	442	525	581	69	316	377
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	1,725	15,737	52,047	37,287	57,958	5,066	19,012	28,774
.....acres treated, 2002	1,837	13,911	43,238	41,448	74,560	5,722	28,399	25,609
Cropland fertilized, except cropland pastured .....farms, 2007	13	131	420	479	543	64	282	359
.....farms, 2002	12	104	316	406	645	84	282	397
.....acres treated, 2007	1,590	15,101	50,999	35,424	52,538	4,662	16,942	26,174
.....acres treated, 2002	1,746	13,531	42,665	38,747	66,036	5,102	25,514	22,684
Pastureland and rangeland fertilized .....farms, 2007	6	21	65	129	185	15	74	65
.....farms, 2002	5	13	34	141	286	33	109	112
.....acres treated, 2007	135	636	1,048	1,863	5,420	404	2,070	2,600
.....acres treated, 2002	91	380	573	2,701	8,524	620	2,885	2,925
Manure <sup>1</sup> .....farms, 2007	6	93	235	423	498	50	262	276
.....farms, 2002	13	91	252	332	576	67	394	461
.....acres treated, 2007	95	9,395	13,495	24,878	37,660	4,331	20,327	24,761
.....acres treated, 2002	406	9,155	14,410	24,798	37,576	3,831	31,589	24,456
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	7	37	252	215	164	22	56	69
.....farms, 2002	6	27	193	199	173	9	54	47
.....acres treated, 2007	(D)	5,426	26,623	11,577	12,956	714	2,194	3,535
.....acres treated, 2002	41	2,884	21,608	7,756	12,156	58	2,763	3,004
Weeds, grass, or brush .....farms, 2007	7	81	409	365	390	47	189	262
.....farms, 2002	9	72	287	324	502	47	211	212
.....acres treated, 2007	1,434	9,191	42,904	27,733	30,018	2,944	6,522	13,899
.....acres treated, 2002	1,330	7,085	29,721	18,050	34,114	865	8,262	10,614
Nematodes .....farms, 2007	-	1	28	11	10	3	9	8
.....farms, 2002	1	1	1	2	36	4	17	-
.....acres treated, 2007	(D)	(D)	2,611	369	1,055	36	312	342
.....acres treated, 2002	(D)	(D)	(D)	(D)	1,604	8	1,486	-
Diseases in crops and orchards .....farms, 2007	5	14	105	89	26	6	19	11
.....farms, 2002	1	8	118	70	42	7	-	12
.....acres treated, 2007	59	2,028	6,873	1,413	326	62	341	209
.....acres treated, 2002	(D)	801	3,496	1,604	499	128	-	450
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	5	33	13	8	5	8	8
.....farms, 2002	-	2	30	22	22	4	10	6
.....acres treated, 2007	-	249	1,344	191	133	83	147	137
.....acres treated, 2002	-	(D)	967	632	529	8	30	210

See footnote(s) at end of table.

--continued

**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

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

Item	Union	Venango	Warren	Washington	Wayne	Westmoreland	Wyoming	York
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	313	223	263	518	219	573	201	1,264
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	28,204	16,288	12,173	19,083	10,632	45,278	10,177	184,766
2002	28,052	10,016	9,612	19,771	12,372	47,652	12,210	160,122
Cropland fertilized, except cropland pastured ..... farms, 2007	300	213	238	449	204	522	183	1,145
2002	317	173	159	609	263	593	138	951
acres treated, 2007	27,528	15,565	11,003	16,206	9,045	42,885	9,570	179,134
2002	27,379	9,608	9,032	17,795	11,463	38,290	11,441	154,278
Pastureland and rangeland fertilized ..... farms, 2007	60	40	75	130	53	134	36	356
2002	50	21	33	126	53	319	26	284
acres treated, 2007	676	723	1,170	2,877	1,587	2,393	607	5,632
2002	673	408	580	1,976	909	9,362	769	5,844
Manure <sup>1</sup> ..... farms, 2007	260	150	215	357	190	420	128	699
2002	282	146	156	539	233	509	110	815
acres treated, 2007	18,637	4,417	9,454	10,673	11,435	15,702	5,423	39,209
2002	16,207	4,948	9,499	17,851	13,579	16,911	5,877	35,046
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	175	37	45	119	80	184	69	509
2002	135	38	3	74	42	142	34	439
acres treated, 2007	9,890	6,287	1,552	4,023	1,071	11,114	2,978	58,710
2002	4,418	2,584	517	1,351	458	5,626	1,247	36,797
Weeds, grass, or brush ..... farms, 2007	242	140	122	258	115	377	122	977
2002	305	98	64	225	62	372	92	842
acres treated, 2007	21,702	11,616	5,239	8,961	1,860	33,892	5,319	142,432
2002	20,883	5,448	2,905	6,566	939	18,320	5,385	102,923
Nematodes ..... farms, 2007	4	-	2	8	-	16	4	35
2002	8	-	1	1	-	29	-	22
acres treated, 2007	(D)	-	(D)	867	-	532	1,080	2,478
2002	200	-	(D)	(D)	-	506	-	535
Diseases in crops and orchards ..... farms, 2007	17	14	11	36	39	52	33	166
2002	9	16	1	23	20	35	14	198
acres treated, 2007	499	117	155	311	136	629	286	6,211
2002	65	167	(D)	107	117	100	195	2,971
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	4	7	6	19	9	18	9	39
2002	1	25	-	24	1	8	-	71
acres treated, 2007	32	151	126	351	25	431	169	1,257
2002	(D)	235	-	165	(D)	64	-	1,633

<sup>1</sup> 2002 data are based on a sample of farms.

<sup>2</sup> 2002 farm count data are not comparable due to calculation change.