

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	28,448	710	143	400	299	539	1,004
1997	36,570	773	204	445	354	702	1,429
acres treated, 2002	2,665,724	102,327	4,488	37,698	10,482	60,864	116,931
1997	2,879,448	103,927	5,626	38,697	14,453	60,585	154,537
Cropland fertilized, except cropland pastured farms, 2002	26,812	699	132	398	299	538	985
1997	35,564	769	182	438	333	678	1,425
acres treated, 2002	2,501,909	98,355	4,057	35,753	10,232	56,930	111,455
1997	2,773,004	101,721	4,977	36,411	13,981	57,394	152,075
Pastureland and rangeland fertilized farms, 2002	8,310	140	39	113	22	177	258
1997	5,784	99	40	96	38	129	151
acres treated, 2002	163,815	3,972	431	1,945	250	3,934	5,476
1997	106,444	2,206	649	2,286	472	3,191	2,462
Manure farms, 2002	23,228	463	119	292	276	490	831
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,333,504	37,435	1,854	10,842	9,971	36,593	58,183
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ² farms, 2002	11,882	305	93	85	56	259	686
1997	14,714	251	54	88	76	245	816
acres treated, 2002	791,004	28,614	1,358	6,332	756	22,252	58,262
1997	914,293	29,033	426	3,651	2,711	21,333	61,235
Weeds, grass, or brush farms, 2002	19,547	560	125	260	163	302	796
1997	23,079	552	83	228	172	386	1,094
acres treated, 2002	1,530,696	60,440	2,160	17,340	3,893	26,178	83,461
1997	1,777,409	60,004	1,316	16,786	8,368	26,504	111,438
Nematodes farms, 2002	907	47	3	5	8	40	52
1997	1,379	17	6	1	-	16	58
acres treated, 2002	55,013	4,777	18	125	16	1,832	6,984
1997	90,818	751	11	(D)	-	1,426	8,037
Diseases in crops and orchards farms, 2002	3,267	169	47	-	30	47	94
1997	4,748	142	34	14	65	40	222
acres treated, 2002	99,619	19,050	465	-	173	963	2,749
1997	149,917	21,939	235	286	750	2,020	5,796
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1,073	98	12	11	22	14	50
1997	1,252	112	-	8	7	32	33
acres on which used, 2002	37,076	9,578	108	230	70	827	1,755
1997	50,338	9,407	-	(D)	142	903	1,824
Item	Blair	Bradford	Bucks	Butler	Cambria	Cameron	Carbon
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	257	411	566	640	361	22	104
1997	354	787	523	829	548	21	148
acres treated, 2002	36,843	55,870	41,078	42,938	48,078	440	7,357
1997	34,538	64,634	64,116	44,949	36,003	597	9,238
Cropland fertilized, except cropland pastured farms, 2002	241	371	472	581	334	16	102
1997	344	786	513	799	548	19	148
acres treated, 2002	34,534	53,659	37,496	40,795	46,362	314	7,033
1997	33,814	63,211	63,154	43,882	35,221	546	9,088
Pastureland and rangeland fertilized farms, 2002	86	102	220	191	124	9	27
1997	31	81	31	64	60	5	6
acres treated, 2002	2,309	2,211	3,582	2,143	1,716	126	324
1997	724	1,423	962	1,067	782	51	150
Manure farms, 2002	257	581	285	457	231	15	62
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	29,851	50,143	9,933	15,683	9,522	255	970
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ² farms, 2002	189	108	193	144	110	7	56
1997	219	146	241	250	172	4	66
acres treated, 2002	20,321	8,168	9,412	9,574	13,176	42	2,536
1997	24,725	6,741	15,811	8,173	11,693	(D)	3,314
Weeds, grass, or brush farms, 2002	192	292	332	418	312	7	81
1997	203	550	337	575	314	11	107
acres treated, 2002	19,462	26,425	22,709	29,089	22,060	(D)	4,959
1997	21,146	34,297	40,289	24,672	17,442	213	5,320
Nematodes farms, 2002	19	19	2	11	2	-	10
1997	33	15	36	30	33	-	5
acres treated, 2002	1,429	1,598	(D)	(D)	(D)	-	652
1997	1,595	1,018	1,534	3,194	1,057	-	51
Diseases in crops and orchards farms, 2002	34	55	50	49	22	4	32
1997	68	30	82	80	80	2	38
acres treated, 2002	756	801	1,593	1,014	2,935	36	568
1997	3,653	752	1,360	1,282	3,643	(D)	802
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1	-	59	13	15	-	7
1997	3	4	9	16	30	-	8
acres on which used, 2002	(D)	-	265	172	2,130	-	25
1997	(D)	759	52	368	985	-	86

See footnote(s) at end of table.

--continued

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Centre	Chester	Clarion	Clearfield	Clinton	Columbia	Crawford
Commercial fertilizer, lime, and soil conditioners ¹							
..... farms, 2002	592	880	356	244	235	408	651
..... 1997	709	1,120	321	259	245	556	860
..... acres treated, 2002	57,641	77,470	27,816	8,987	18,959	53,505	73,834
..... 1997	61,657	88,420	23,574	13,556	21,071	56,722	59,612
Cropland fertilized, except cropland pastured							
..... farms, 2002	557	730	331	242	231	386	633
..... 1997	699	1,016	314	257	234	556	840
..... acres treated, 2002	53,492	69,096	25,447	8,403	18,188	52,640	69,713
..... 1997	57,288	83,910	21,946	12,491	19,713	55,259	57,045
Pastureland and rangeland fertilized							
..... farms, 2002	206	385	135	64	73	71	215
..... 1997	172	233	75	55	70	78	154
..... acres treated, 2002	4,149	8,374	2,369	584	771	865	4,121
..... 1997	4,369	4,510	1,628	1,065	1,358	1,463	2,567
Manure							
..... farms, 2002	495	515	306	143	191	260	653
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2002	24,393	33,101	10,479	6,485	10,748	14,745	36,868
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ²							
..... farms, 2002	237	489	42	51	81	174	135
..... 1997	358	666	41	83	114	178	218
..... acres treated, 2002	14,153	27,956	3,963	887	7,942	16,826	9,864
..... 1997	28,900	40,664	3,911	4,395	11,681	18,942	8,047
Weeds, grass, or brush							
..... farms, 2002	382	527	170	145	161	289	492
..... 1997	434	625	160	151	167	388	540
..... acres treated, 2002	33,736	45,824	12,963	3,830	10,736	36,420	40,171
..... 1997	41,577	53,751	12,054	8,489	13,485	38,453	33,285
Nematodes							
..... farms, 2002	23	61	1	-	8	4	46
..... 1997	23	65	31	-	10	6	20
..... acres treated, 2002	203	1,871	(D)	(D)	(D)	(D)	852
..... 1997	1,447	4,575	1,729	(D)	1,630	482	794
Diseases in crops and orchards							
..... farms, 2002	40	233	8	21	24	113	39
..... 1997	66	233	8	21	24	113	39
..... acres treated, 2002	1,249	2,571	909	445	(D)	5,668	67
..... 1997	2,279	3,095	(D)	714	2,670	5,591	643
Chemicals used to control growth, thin fruit, or defoliate							
..... farms, 2002	3	34	8	16	1	3	14
..... 1997	16	42	1	8	22	24	26
..... acres on which used, 2002	(D)	918	112	212	(D)	122	1,295
..... 1997	383	566	(D)	320	2,510	706	623
Item	Cumberland	Dauphin	Delaware	Elk	Erie	Fayette	Forest
Commercial fertilizer, lime, and soil conditioners ¹							
..... farms, 2002	607	378	19	126	621	390	37
..... 1997	827	534	39	146	923	437	32
..... acres treated, 2002	69,198	40,110	(D)	5,384	61,506	26,050	1,477
..... 1997	83,644	48,649	1,263	2,735	66,519	26,198	1,439
Cropland fertilized, except cropland pastured							
..... farms, 2002	569	378	15	111	608	357	37
..... 1997	827	533	37	133	896	437	32
..... acres treated, 2002	65,112	38,978	(D)	4,874	58,658	23,599	1,249
..... 1997	81,569	47,502	(D)	2,469	64,794	25,173	1,343
Pastureland and rangeland fertilized							
..... farms, 2002	206	82	5	54	72	93	18
..... 1997	119	108	2	49	93	79	8
..... acres treated, 2002	4,086	1,132	53	510	2,848	2,451	228
..... 1997	2,075	1,147	(D)	266	1,725	1,025	96
Manure							
..... farms, 2002	523	336	14	96	234	295	33
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2002	42,104	16,036	136	2,714	14,694	14,259	530
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ²							
..... farms, 2002	279	208	17	14	303	112	6
..... 1997	344	186	26	23	348	156	7
..... acres treated, 2002	23,177	12,889	173	326	20,014	6,816	10
..... 1997	27,811	12,616	560	162	23,299	8,484	476
Weeds, grass, or brush							
..... farms, 2002	396	238	26	35	487	220	17
..... 1997	569	377	22	60	550	192	18
..... acres treated, 2002	41,470	28,571	259	752	47,741	10,341	267
..... 1997	55,168	35,922	1,087	1,485	45,933	9,723	928
Nematodes							
..... farms, 2002	3	14	1	3	31	1	-
..... 1997	10	15	3	3	12	2	1
..... acres treated, 2002	(D)	480	(D)	21	3,333	(D)	-
..... 1997	1,675	191	(D)	42	360	(D)	(D)
Diseases in crops and orchards							
..... farms, 2002	53	42	5	3	217	23	2
..... 1997	63	42	11	15	330	43	-
..... acres treated, 2002	2,119	1,111	48	3	13,492	148	(D)
..... 1997	931	3,012	(D)	63	17,920	353	-
Chemicals used to control growth, thin fruit, or defoliate							
..... farms, 2002	1	3	4	3	8	1	-
..... 1997	36	16	7	7	78	7	-
..... acres on which used, 2002	(D)	(D)	74	45	877	(D)	-
..... 1997	1,307	299	(D)	(D)	1,632	177	-

See footnote(s) at end of table.

--continued

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Franklin	Fulton	Greene	Huntingdon	Indiana	Jefferson	Juniata	Lackawanna
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	911	289	151	471	469	322	360	131
1997	1,044	408	249	527	571	377	540	130
acres treated, 2002	128,254	31,506	6,192	41,358	38,890	22,762	27,342	8,728
1997	133,029	30,623	7,884	43,178	41,062	23,421	32,358	7,175
Cropland fertilized, except cropland pastured farms, 2002	863	274	143	425	454	322	331	128
1997	1,023	408	236	517	551	350	531	125
acres treated, 2002	119,787	27,510	5,499	37,327	36,405	21,532	25,106	8,151
1997	127,122	27,894	7,465	41,464	38,258	21,040	31,516	6,795
Pastureland and rangeland fertilized farms, 2002	308	118	28	176	122	105	159	29
1997	238	131	26	109	122	107	60	21
acres treated, 2002	8,467	3,996	693	4,031	2,485	1,230	2,236	577
1997	5,907	2,729	419	1,714	2,804	2,381	842	380
Manure farms, 2002	904	231	90	377	459	236	341	77
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	86,733	15,153	2,599	25,936	19,987	13,872	19,892	4,191
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	544	58	37	125	183	61	160	34
1997	515	53	33	173	270	62	153	59
acres treated, 2002	57,717	4,314	1,480	12,503	8,093	7,421	5,954	568
1997	51,058	4,089	752	13,145	10,858	2,147	6,698	1,482
Weeds, grass, or brush farms, 2002	721	131	60	326	331	147	290	59
1997	730	205	68	345	408	160	401	37
acres treated, 2002	90,347	5,778	1,688	19,799	14,745	10,874	16,760	2,088
1997	78,913	10,196	1,350	20,707	26,270	8,625	23,582	1,341
Nematodes farms, 2002	16	1	8	30	9	-	10	6
1997	52	2	12	25	41	8	5	4
acres treated, 2002	1,237	(D)	480	1,578	830	-	625	30
1997	3,394	(D)	105	1,560	2,034	1,640	1,030	16
Diseases in crops and orchards farms, 2002	114	9	17	41	29	-	14	39
1997	147	2	12	11	115	-	32	63
acres treated, 2002	5,132	68	85	213	1,358	-	515	466
1997	7,768	(D)	(D)	444	2,846	-	1,145	1,088
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	43	21	-	14	10	-	26	7
1997	59	7	3	14	33	2	4	4
acres on which used, 2002	3,380	378	-	84	104	-	234	183
1997	4,444	352	(D)	27	872	(D)	118	7
Item	Lancaster	Lawrence	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	3,257	342	479	282	235	799	91	727
1997	4,368	553	669	395	307	769	128	944
acres treated, 2002	207,787	37,140	61,407	54,785	21,032	74,079	4,829	46,886
1997	221,296	44,489	61,240	78,509	17,330	49,379	3,604	62,488
Cropland fertilized, except cropland pastured farms, 2002	3,068	328	470	282	225	741	86	726
1997	4,230	548	640	377	307	769	128	908
acres treated, 2002	192,180	35,647	59,103	54,174	20,502	70,255	3,730	43,634
1997	212,376	42,026	58,795	78,074	17,204	47,545	3,484	59,790
Pastureland and rangeland fertilized farms, 2002	1,093	67	150	19	29	37	37	153
1997	681	96	193	46	8	78	5	131
acres treated, 2002	15,607	1,493	2,304	611	530	3,824	1,099	3,252
1997	8,920	2,463	2,445	435	126	1,834	120	2,698
Manure farms, 2002	3,227	247	509	85	112	599	117	583
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	169,628	16,088	44,756	4,500	4,294	31,863	5,095	19,398
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	2,552	79	301	189	166	214	22	180
1997	2,993	198	399	226	182	271	13	178
acres treated, 2002	121,329	4,373	24,706	14,285	8,414	15,837	161	6,060
1997	127,162	14,671	27,644	26,480	7,318	15,800	77	9,949
Weeds, grass, or brush farms, 2002	2,506	222	517	256	159	559	35	518
1997	2,940	378	588	301	238	440	51	561
acres treated, 2002	143,994	20,493	40,779	31,862	13,074	50,524	1,005	24,682
1997	163,665	25,583	48,800	56,699	13,259	27,229	1,451	33,423
Nematodes farms, 2002	132	-	19	7	21	32	-	1
1997	235	11	43	17	11	36	-	21
acres treated, 2002	8,822	-	1,267	182	689	732	-	(D)
1997	10,434	4,472	3,806	3,180	57	3,506	-	1,300
Diseases in crops and orchards farms, 2002	527	10	25	61	88	72	3	22
1997	894	58	63	135	88	87	3	16
acres treated, 2002	9,297	389	229	1,041	2,436	2,114	9	120
1997	8,349	1,037	1,322	6,560	3,890	3,126	(D)	320
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	160	-	14	19	11	41	3	-
1997	174	7	7	42	11	13	5	24
acres on which used, 2002	4,557	-	544	159	129	747	9	-
1997	4,112	62	866	876	400	788	50	645

See footnote(s) at end of table.

--continued

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	Perry	Philadelphia
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	512	152	352	161	271	397	424	1
1997	617	152	408	250	361	509	465	9
acres treated, 2002	35,905	12,383	15,320	15,571	49,557	63,953	37,900	(D)
1997	38,348	8,794	31,838	24,473	56,794	62,978	39,147	229
Cropland fertilized, except cropland pastured farms, 2002	499	121	323	161	245	393	401	1
1997	606	152	370	250	355	486	454	7
acres treated, 2002	31,705	11,199	14,619	14,995	49,113	62,344	35,414	(D)
1997	36,503	8,644	31,139	23,923	55,982	61,884	38,083	(D)
Pastureland and rangeland fertilized farms, 2002	192	60	72	40	35	100	133	-
1997	114	15	59	48	29	83	51	2
acres treated, 2002	4,200	1,184	701	576	444	1,609	2,486	-
1997	1,845	150	699	550	812	1,094	1,064	(D)
Manure farms, 2002	445	85	193	140	162	228	352	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	22,601	3,047	3,957	4,984	7,002	18,499	24,763	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	232	51	133	41	129	226	111	-
1997	375	65	103	94	157	259	106	4
acres treated, 2002	15,027	2,872	4,522	2,134	16,484	20,462	7,421	(D)
1997	16,156	3,193	5,959	11,482	20,541	25,066	6,415	(D)
Weeds, grass, or brush farms, 2002	378	84	214	110	163	317	293	2
1997	429	81	248	110	290	374	305	4
acres treated, 2002	19,749	5,011	13,358	9,496	25,613	41,004	23,195	(D)
1997	17,537	5,098	23,125	9,785	47,682	50,597	24,625	72
Nematodes farms, 2002	3	2	18	1	18	24	12	-
1997	70	4	6	1	6	55	14	-
acres treated, 2002	540	(D)	88	(D)	1,756	1,148	675	-
1997	2,699	181	264	110	1,984	2,110	692	-
Diseases in crops and orchards farms, 2002	39	8	42	12	57	67	27	2
1997	40	27	49	18	91	78	13	4
acres treated, 2002	388	227	443	346	1,551	2,192	667	(D)
1997	1,265	912	740	956	2,949	2,317	263	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	18	-	19	15	15	10	-	-
1997	14	6	4	1	7	48	22	-
acres on which used, 2002	351	-	71	540	570	87	-	-
1997	396	442	(D)	(D)	1,715	2,841	344	-
Item	Pike	Potter	Schuylkill	Snyder	Somerset	Sullivan	Susquehanna	Tioga
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	12	113	316	446	680	86	307	416
1997	31	145	568	615	746	94	371	476
acres treated, 2002	1,837	13,911	43,238	41,448	74,560	5,722	28,399	25,609
1997	1,306	15,875	52,860	43,575	70,070	5,505	20,219	26,397
Cropland fertilized, except cropland pastured farms, 2002	12	104	316	406	645	84	282	397
1997	29	136	562	593	712	89	357	464
acres treated, 2002	1,746	13,531	42,665	38,747	66,036	5,102	25,514	22,684
1997	(D)	14,979	51,883	42,480	63,721	5,282	18,731	25,796
Pastureland and rangeland fertilized farms, 2002	5	13	34	141	286	33	109	112
1997	4	26	37	77	235	13	49	27
acres treated, 2002	91	380	573	2,701	8,524	620	2,885	2,925
1997	(D)	896	977	1,095	6,349	223	1,488	601
Manure farms, 2002	13	91	252	332	576	67	394	461
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	406	9,155	14,410	24,798	37,576	3,831	31,589	24,456
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	6	27	193	199	173	9	54	47
1997	10	38	261	283	264	21	59	96
acres treated, 2002	41	2,684	21,608	7,756	12,156	58	2,763	3,004
1997	216	3,070	20,517	7,911	14,528	1,179	1,599	4,115
Weeds, grass, or brush farms, 2002	9	72	287	324	502	47	211	212
1997	10	78	442	360	482	50	190	235
acres treated, 2002	1,330	7,085	29,721	18,050	34,114	865	8,262	10,614
1997	158	8,355	36,659	26,299	29,299	3,562	5,973	12,474
Nematodes farms, 2002	1	2	1	2	36	4	17	4
1997	-	2	82	17	41	-	11	5
acres treated, 2002	(D)	(D)	(D)	(D)	1,604	8	1,486	-
1997	-	(D)	2,881	364	2,239	-	264	418
Diseases in crops and orchards farms, 2002	1	8	118	70	42	7	-	12
1997	8	6	125	74	75	8	28	18
acres treated, 2002	(D)	801	3,496	1,604	499	128	-	450
1997	(D)	541	6,940	524	1,324	84	348	97
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	2	30	22	22	4	10	6
1997	1	-	55	3	9	-	1	4
acres on which used, 2002	-	(D)	967	632	529	8	30	210
1997	(D)	-	2,552	(D)	27	-	(D)	(D)

See footnote(s) at end of table.

--continued

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Union	Venango	Warren	Washington	Wayne	Westmoreland	Wyoming	York
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	329	173	159	643	277	744	138	1,023
1997	474	328	270	629	310	891	194	1,553
acres treated, 2002	28,052	10,016	9,612	19,771	12,372	47,652	12,210	160,122
1997	41,197	14,463	11,265	19,253	17,267	45,702	12,965	174,904
Cropland fertilized, except cropland pastured farms, 2002	317	173	159	609	263	593	138	951
1997	432	328	253	593	292	882	193	1,528
acres treated, 2002	27,379	9,608	9,032	17,795	11,463	38,290	11,441	154,278
1997	40,247	13,941	10,538	17,913	14,584	43,782	12,030	171,686
Pastureland and rangeland fertilized farms, 2002	50	21	33	126	53	319	26	284
1997	94	47	53	54	81	134	26	248
acres treated, 2002	673	408	580	1,976	909	9,362	769	5,844
1997	950	522	727	1,340	2,683	1,920	935	3,218
Manure farms, 2002	282	146	156	539	233	509	110	815
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	16,207	4,948	9,499	17,851	13,579	16,911	5,877	35,046
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	135	38	3	74	42	142	34	439
1997	217	77	50	158	64	255	84	460
acres treated, 2002	4,418	2,584	517	1,351	458	5,626	1,247	36,797
1997	9,762	1,899	1,343	3,741	1,465	14,428	1,773	39,675
Weeds, grass, or brush farms, 2002	305	98	64	225	62	372	92	842
1997	358	190	100	286	159	442	151	989
acres treated, 2002	20,883	5,448	2,905	6,566	939	18,320	5,385	102,923
1997	29,248	6,139	4,048	7,950	4,292	25,741	6,901	131,562
Nematodes farms, 2002	8	-	1	1	-	29	-	22
1997	4	-	1	30	-	5	-	44
acres treated, 2002	200	-	(D)	(D)	-	506	-	535
1997	585	-	(D)	188	-	365	181	5,774
Diseases in crops and orchards farms, 2002	9	16	1	23	20	35	14	198
1997	33	7	5	27	18	94	26	252
acres treated, 2002	65	167	(D)	107	117	100	195	2,971
1997	545	14	(D)	536	64	645	685	6,155
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1	25	-	24	1	8	-	71
1997	13	-	1	1	-	28	-	79
acres on which used, 2002	(D)	235	-	165	(D)	64	-	1,633
1997	137	-	(D)	(D)	-	351	-	1,943

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.