

**Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978**

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

Chemicals used	Pennsylvania							
	Pennsylvania	Adams	Allegheny	Armstrong	Beaver	Bedford	Berks	
Commercial fertilizer ----- farms, 1982..	39 890	939	232	495	440	827	1 401	
	1978..	40 797	934	315	606	883	1 525	
	acres on which used, 1982..	3 049 803	98 225	6 631	28 369	17 166	62 461	151 361
	1978..	2 925 425	93 270	7 939	30 822	14 501	67 032	146 502
Cropland fertilized, except pastureland ----- farms, 1982..	39 078	922	224	486	433	817	1 394	
	1978..	40 525	915	309	606	375	586	1 521
	acres on which used, 1982..	2 932 344	94 479	5 517	26 858	16 848	58 073	146 833
	1978..	2 805 033	88 174	7 330	29 009	14 091	63 416	142 571
Pastureland and rangeland fertilized ----- farms, 1982..	6 042	125	52	87	46	142	172	
	1978..	6 318	173	58	106	32	179	207
	acres on which used, 1982..	117 459	3 746	1 114	1 511	318	4 388	4 528
	1978..	120 392	5 086	609	1 813	410	3 616	3 931
Lime ----- farms, 1982..	20 343	394	133	313	245	436	673	
	1978..	19 535	377	159	337	249	393	642
	acres on which used, 1982..	732 921	19 498	1 958	8 606	4 617	17 408	30 274
	1978..	614 277	17 412	4 378	9 618	4 249	10 540	26 319
tons, 1982..	1 201 645	31 797	4 074	19 026	7 996	28 137	53 364	
1978..	1 016 796	24 068	5 511	17 558	8 827	18 579	44 776	
Sprays, dusts, granules, fumigants, etc., to control—								
	Insects on hay and other crops ----- farms, 1982..	15 695	360	93	92	114	311	750
	1978..	16 355	312	135	176	119	462	706
	acres on which used, 1982..	962 753	33 457	1 833	7 336	3 399	25 063	57 508
1978..	822 560	27 514	2 380	6 809	3 204	21 425	38 386	
Nematodes in crops ----- farms, 1982..	1 831	51	8	1	15	39	133	
	1978..	1 999	80	17	28	20	48	110
	acres on which used, 1982..	123 311	1 815	72	(D)	111	1 958	10 590
	1978..	111 557	4 635	262	1 426	204	1 340	6 836
Diseases in crops and orchards ----- farms, 1982..	4 258	162	61	34	53	49	161	
	1978..	4 395	245	88	27	77	27	172
	acres on which used, 1982..	135 556	20 724	446	719	327	2 524	3 278
	1978..	166 251	26 040	1 369	1 539	1 718	925	5 471
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	26 966	631	149	317	220	597	1 059	
	1978..	27 963	529	182	420	234	559	993
	acres on which used, 1982..	1 741 114	67 062	3 900	19 918	8 163	28 574	75 015
	1978..	1 465 716	39 194	4 765	15 687	7 094	24 880	70 121
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1 739	89	2	1	11	26	37	
	1978..	1 353	72	34	6	24	11	49
	acres on which used, 1982..	75 703	5 258	(D)	(D)	(D)	1 397	641
	1978..	52 743	3 644	349	132	906	160	1 044

  

Chemicals used	Pennsylvania							
	Blair	Bradford	Bucks	Butler	Cambria	Cameron	Carbon	
Commercial fertilizer ----- farms, 1982..	393	885	727	925	443	16	154	
	1978..	377	1 015	721	914	453	139	
	acres on which used, 1982..	40 265	70 568	64 479	47 430	25 862	322	9 697
	1978..	35 518	74 962	64 557	45 624	26 745	(D)	6 994
Cropland fertilized, except pastureland ----- farms, 1982..	376	879	713	898	431	15	150	
	1978..	365	1 015	717	908	453	13	139
	acres on which used, 1982..	38 793	66 158	63 180	45 864	25 424	289	9 520
	1978..	34 672	70 843	62 968	42 138	26 257	(D)	6 953
Pastureland and rangeland fertilized ----- farms, 1982..	63	140	101	116	40	5	16	
	1978..	58	155	103	120	58	3	7
	acres on which used, 1982..	1 472	4 410	1 299	1 566	438	33	177
	1978..	846	4 119	1 589	3 486	488	33	41
Lime ----- farms, 1982..	213	564	343	514	179	8	79	
	1978..	170	468	310	485	220	7	66
	acres on which used, 1982..	8 926	19 815	16 334	13 260	5 986	116	3 515
	1978..	6 889	13 785	10 198	12 526	6 305	49	1 565
tons, 1982..	13 050	30 392	26 894	22 090	12 009	139	5 828	
1978..	13 172	23 713	17 404	22 390	11 987	139	2 686	
Sprays, dusts, granules, fumigants, etc., to control—								
	Insects on hay and other crops ----- farms, 1982..	230	141	324	217	159	2	43
	1978..	216	265	204	295	103	4	28
	acres on which used, 1982..	22 989	9 788	18 525	10 493	8 596	(D)	1 753
1978..	14 773	8 871	16 412	11 005	5 917	(D)	1 820	
Nematodes in crops ----- farms, 1982..	17	22	37	18	11	-	9	
	1978..	11	35	47	27	24	-	7
	acres on which used, 1982..	676	917	2 558	1 640	947	-	156
	1978..	1 103	1 667	2 454	643	548	-	73
Diseases in crops and orchards ----- farms, 1982..	13	19	130	77	38	-	22	
	1978..	66	27	136	58	89	2	15
	acres on which used, 1982..	1 029	681	3 757	1 794	1 665	-	523
	1978..	3 233	635	5 383	580	3 691	(D)	162
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	287	563	444	591	290	4	79	
	1978..	256	771	524	610	320	10	97
	acres on which used, 1982..	22 694	29 695	42 315	27 942	18 011	(D)	6 142
	1978..	14 294	34 226	41 441	22 145	20 734	156	3 083
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	5	14	42	39	33	-	12	
	1978..	13	-	31	2	38	1	-
	acres on which used, 1982..	596	1 150	1 706	1 966	2 665	-	24
	1978..	1 022	-	1 656	(D)	2 453	(D)	-

**Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.**

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

Chemicals used	Pennsylvania Counties						
	Centre	Chester	Clarion	Clearfield	Clinton	Columbia	Crawford
Commercial fertilizer ----- farms, 1982..	636	1 146	453	270	195	713	1 097
1978..	709	1 191	432	285	239	731	1 151
acres on which used, 1982..	62 448	108 201	26 872	10 265	21 291	59 286	73 021
1978..	62 698	114 131	21 916	10 091	18 168	53 078	62 351
Cropland fertilized, except pastureland ----- farms, 1982..	629	1 059	426	262	195	705	1 083
1978..	703	1 180	423	295	239	731	1 135
acres on which used, 1982..	59 667	101 689	24 809	10 023	20 612	58 274	69 919
1978..	60 400	106 396	20 286	9 357	17 246	52 005	60 181
Pastureland and rangeland fertilized ----- farms, 1982..	130	265	114	23	36	63	109
1978..	81	243	95	34	39	98	152
acres on which used, 1982..	2 781	6 512	2 063	242	679	1 012	3 102
1978..	2 298	7 735	1 630	734	922	1 073	2 170
Lime ----- farms, 1982..	357	596	151	168	93	301	587
1978..	282	699	167	105	105	342	582
acres on which used, 1982..	14 069	26 298	5 153	4 338	4 861	12 342	20 113
1978..	8 617	27 037	4 345	1 944	3 316	11 568	15 574
tons, 1982..	21 926	36 941	9 768	7 323	8 758	17 400	35 472
1978..	12 997	38 359	8 547	5 124	5 589	15 731	29 443
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	328	678	63	82	106	189	143
1978..	361	656	101	96	122	192	228
acres on which used, 1982..	22 465	44 493	3 337	2 082	10 347	10 692	8 531
1978..	24 416	35 927	2 797	3 070	5 674	10 769	11 705
Nematodes in crops ----- farms, 1982..	39	126	8	2	2	23	17
1978..	40	126	24	-	-	10	7
acres on which used, 1982..	1 761	6 947	838	(D)	(D)	934	455
1978..	1 683	6 116	200	-	-	796	1 000
Diseases in crops and orchards ----- farms, 1982..	54	139	2	2	22	86	32
1978..	55	175	17	30	22	126	82
acres on which used, 1982..	2 415	3 575	(D)	(D)	365	1 520	296
1978..	4 857	6 144	296	414	1 102	4 491	3 245
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	425	776	246	189	172	487	766
1978..	471	748	288	162	161	586	830
acres on which used, 1982..	32 069	62 673	18 180	7 324	13 538	38 961	45 975
1978..	29 963	53 850	10 846	5 305	10 996	28 053	34 500
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	34	24	42	2	11	13	23
1978..	12	12	11	1	26	34	23
acres on which used, 1982..	2 591	2 444	1 019	(D)	292	777	536
1978..	1 503	695	284	(D)	1 451	619	583

  

Chemicals used	Pennsylvania Counties						
	Cumberland	Dauphin	Delaware	Elk	Erie	Fayette	Forest
Commercial fertilizer ----- farms, 1982..	878	605	47	107	1 102	599	29
1978..	911	642	52	117	1 056	531	35
acres on which used, 1982..	82 823	62 167	2 077	3 009	65 461	30 067	1 252
1978..	79 938	56 116	3 528	4 146	59 389	20 077	1 404
Cropland fertilized, except pastureland ----- farms, 1982..	872	598	44	102	1 083	557	28
1978..	911	642	50	115	1 056	524	34
acres on which used, 1982..	79 108	60 819	1 984	2 711	64 558	27 280	1 170
1978..	75 842	54 919	3 236	3 910	57 953	18 348	1 242
Pastureland and rangeland fertilized ----- farms, 1982..	136	80	7	15	69	131	7
1978..	142	86	13	16	82	81	11
acres on which used, 1982..	3 715	1 348	93	298	903	2 787	82
1978..	4 086	1 197	292	236	1 436	1 729	162
Lime ----- farms, 1982..	469	274	18	41	480	274	13
1978..	367	254	24	61	421	257	16
acres on which used, 1982..	17 495	11 210	666	622	17 519	10 495	259
1978..	9 635	9 220	780	1 213	12 221	6 434	303
tons, 1982..	30 158	18 168	672	1 131	26 490	17 031	469
1978..	14 800	14 221	1 261	2 400	20 587	12 934	533
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	349	226	35	23	540	124	2
1978..	579	285	16	38	424	193	6
acres on which used, 1982..	25 564	17 735	695	581	25 677	5 604	(D)
1978..	27 993	13 684	965	714	17 882	6 153	139
Nematodes in crops ----- farms, 1982..	57	42	1	2	24	11	-
1978..	69	29	12	5	12	18	1
acres on which used, 1982..	6 016	3 006	(D)	(D)	2 008	1 075	-
1978..	4 398	1 306	608	15	470	365	(D)
Diseases in crops and orchards ----- farms, 1982..	92	26	16	9	402	15	2
1978..	51	26	24	9	348	31	1
acres on which used, 1982..	3 700	1 886	347	37	14 824	90	(D)
1978..	1 382	717	381	82	17 674	329	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	677	390	29	49	871	277	15
1978..	627	403	29	66	772	279	24
acres on which used, 1982..	47 721	37 451	1 129	1 429	47 012	14 613	707
1978..	39 080	29 994	1 438	1 762	38 503	7 073	501
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	75	21	4	-	78	9	2
1978..	19	16	1	2	35	4	1
acres on which used, 1982..	4 393	713	(D)	-	4 305	149	(D)
1978..	1 321	1 519	(D)	(D)	2 425	60	(D)

**Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.**

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

Chemicals used	County								
	Franklin	Fulton	Greene	Huntingdon	Indiana	Jefferson	Juniata	Lackawanna	
Commercial fertilizer ----- farms, 1982--	1 271	390	291	519	698	326	499	212	
	1978--	1 260	370	298	496	358	481	207	
	acres on which used, 1982--	138 462	26 028	9 891	45 330	45 616	20 738	32 063	11 060
	1978--	133 748	29 453	6 281	37 103	39 712	19 568	33 691	8 720
Cropland fertilized, except pastureland ----- farms, 1982--	1 254	384	243	512	677	313	498	211	
	1978--	1 254	370	283	496	681	358	477	206
	acres on which used, 1982--	133 318	24 321	8 089	43 319	42 508	19 069	30 987	10 499
	1978--	127 670	27 618	5 491	34 470	37 324	18 494	32 567	8 415
Pastureland and rangeland fertilized ----- farms, 1982--	192	95	89	111	135	109	75	9	
	1978--	294	75	42	122	123	75	79	
	acres on which used, 1982--	5 144	1 707	1 802	2 011	3 108	1 669	1 076	561
	1978--	6 078	1 835	790	2 633	2 388	1 074	1 124	305
Lime ----- farms, 1982--	661	221	158	253	481	179	269	117	
	1978--	630	212	121	229	324	178	252	112
	acres on which used, 1982--	36 422	6 494	3 104	9 911	15 858	7 705	8 512	5 157
	1978--	30 241	8 352	1 673	6 408	9 631	6 253	5 869	2 840
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1982--	52 721	7 815	7 815	16 977	29 952	14 500	16 638	9 863
	1978--	43 901	15 344	3 546	11 906	17 932	10 380	10 490	3 815
	Insects on hay and other crops ----- farms, 1982--	705	118	46	232	215	47	136	85
		1978--	823	133	85	230	194	108	229
acres on which used, 1982--		62 564	7 459	789	17 433	9 991	1 647	7 570	3 798
1978--		54 804	7 697	1 697	14 519	8 062	3 797	8 611	2 688
Nematodes in crops ----- farms, 1982--	89	-	16	24	24	3	28	8	
	1978--	115	13	5	9	11	34	8	
	acres on which used, 1982--	8 059	-	484	1 559	1 040	(D)	1 617	40
	1978--	7 548	942	225	1 577	618	425	2 063	966
Diseases in crops and orchards ----- farms, 1982--	92	12	9	20	57	2	29	59	
	1978--	112	-	10	36	70	35	50	
	acres on which used, 1982--	8 665	138	18	224	1 750	(D)	656	1 902
	1978--	8 149	-	115	708	2 022	411	1 715	743
Weeds, grass, or brush in crops and pasture ----- farms, 1982--	892	276	108	320	467	227	338	115	
	1978--	883	256	175	280	543	215	333	140
	acres on which used, 1982--	73 850	12 330	3 000	19 581	26 009	12 239	17 379	6 557
	1978--	64 761	10 536	2 520	11 531	22 645	7 981	15 020	5 606
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982--	94	6	24	10	31	18	51	27	
	1978--	62	11	6	7	18	6	-	
	acres on which used, 1982--	4 515	330	324	2 281	753	752	2 295	282
	1978--	3 669	510	18	135	1 243	900	363	-

  

Chemicals used	County								
	Lancaster	Lawrence	Lebanon	Lehigh	Luzerne	Lycoming	McKean	Mercer	
Commercial fertilizer ----- farms, 1982--	4 198	601	741	450	390	718	109	1 058	
	1978--	4 085	596	731	468	730	139	1 089	
	acres on which used, 1982--	273 843	40 062	72 446	58 614	26 699	53 724	4 147	58 712
	1978--	261 841	39 924	72 510	61 763	17 941	55 569	3 463	57 619
Cropland fertilized, except pastureland ----- farms, 1982--	4 165	596	718	450	390	712	99	1 057	
	1978--	4 076	590	726	468	402	720	139	1 084
	acres on which used, 1982--	263 772	39 244	70 439	58 413	26 136	52 114	3 248	57 289
	1978--	251 560	38 977	70 458	61 442	17 636	53 448	3 378	55 516
Pastureland and rangeland fertilized ----- farms, 1982--	750	62	146	17	43	98	47	96	
	1978--	745	71	125	34	32	147	5	
	acres on which used, 1982--	10 071	818	2 007	201	563	1 610	899	1 423
	1978--	10 281	947	2 052	321	305	2 121	85	2 103
Lime ----- farms, 1982--	2 144	293	350	183	262	391	81	666	
	1978--	2 103	323	271	213	182	328	70	
	acres on which used, 1982--	63 430	7 630	14 744	9 081	9 321	11 215	1 127	20 832
	1978--	62 898	8 823	10 077	12 618	5 246	10 789	1 602	13 695
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1982--	90 209	13 756	21 457	15 468	14 237	18 336	2 335	36 607
	1978--	91 470	14 905	15 813	20 642	6 995	18 692	4 464	27 690
	Insects on hay and other crops ----- farms, 1982--	3 009	185	432	295	171	258	1	191
		1978--	2 297	187	399	263	161	241	35
acres on which used, 1982--		124 087	11 117	26 499	20 923	8 786	19 094	(D)	7 619
1978--		87 650	9 807	22 221	27 922	7 516	14 721	537	7 357
Nematodes in crops ----- farms, 1982--	276	13	68	19	5	45	-	18	
	1978--	294	28	54	30	4	-	1	
	acres on which used, 1982--	17 791	287	4 405	3 579	743	2 846	-	543
	1978--	13 324	713	3 939	4 064	703	1 724	-	(D)
Diseases in crops and orchards ----- farms, 1982--	726	19	113	105	65	71	-	19	
	1978--	413	52	26	83	59	86	20	
	acres on which used, 1982--	9 518	533	1 764	4 502	2 290	2 078	-	322
	1978--	7 657	1 952	768	4 082	1 429	3 638	1 013	1 351
Weeds, grass, or brush in crops and pasture ----- farms, 1982--	3 022	445	542	303	276	517	20	847	
	1978--	2 788	441	518	261	294	98	837	
	acres on which used, 1982--	168 937	22 975	40 412	38 331	15 311	30 610	767	40 074
	1978--	141 520	24 360	35 212	32 438	11 632	30 317	2 590	36 923
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982--	246	21	9	11	29	32	-	2	
	1978--	224	16	4	20	16	-	10	
	acres on which used, 1982--	5 145	641	200	2 058	895	673	-	(D)
	1978--	4 112	451	19	2 394	474	1 823	-	30

**Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.**

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

Chemicals used	Mifflin	Monroe	Montgomery	Montour	Northampton	Northumberland	Perry	Philadelphia
Commercial fertilizer ----- farms, 1982..	546	149	461	226	419	649	559	2
1978..	477	123	465	295	459	634	589	1
acres on which used, 1982..	40 159	11 919	37 245	22 639	70 748	68 908	47 940	(D)
1978..	33 605	8 868	40 418	34 340	67 293	62 304	44 361	(D)
Cropland fertilized, except pastureland ----- farms, 1982..	546	139	417	226	419	610	559	2
1978..	471	123	465	295	459	629	589	1
acres on which used, 1982..	37 662	11 655	35 763	22 467	70 170	65 820	46 682	(D)
1978..	32 124	8 626	39 322	33 924	66 748	60 928	42 695	(D)
Pastureland and rangeland fertilized ----- farms, 1982..	135	24	110	20	34	151	68	1
1978..	111	16	83	35	19	80	97	1
acres on which used, 1982..	2 497	264	1 482	172	578	3 088	1 278	(D)
1978..	1 481	242	1 096	416	545	1 376	1 666	-
Lime ----- farms, 1982..	248	95	179	126	182	332	261	1
1978..	227	8	191	167	167	342	284	-
acres on which used, 1982..	5 959	4 186	7 220	4 140	11 237	17 345	11 397	(D)
1978..	3 786	2 060	7 093	4 877	12 545	14 453	7 856	-
tons, 1982..	9 121	8 178	12 115	7 155	22 111	27 327	17 538	(D)
1978..	6 569	4 090	10 663	7 869	22 078	23 525	12 172	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	294	32	181	75	173	289	219	2
1978..	277	8	212	84	246	243	230	2
acres on which used, 1982..	15 562	1 917	12 857	4 484	27 949	29 085	15 455	(D)
1978..	12 974	472	12 414	5 267	23 512	17 988	10 247	(D)
Nematodes in crops ----- farms, 1982..	17	12	12	6	26	53	10	1
1978..	47	4	41	14	17	53	20	-
acres on which used, 1982..	1 030	818	1 462	578	3 646	2 777	1 490	(D)
1978..	2 039	12	1 948	989	3 786	5 080	1 562	-
Diseases in crops and orchards ----- farms, 1982..	46	3	57	22	66	68	53	1
1978..	20	11	96	5	71	86	18	-
acres on which used, 1982..	382	115	2 348	862	1 977	2 134	2 896	(D)
1978..	673	124	3 112	5	5 973	2 512	170	-
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	352	81	301	156	296	513	381	3
1978..	297	76	315	232	390	468	444	-
acres on which used, 1982..	16 098	6 906	26 234	11 216	39 817	46 841	23 800	(D)
1978..	11 179	4 909	19 007	19 399	37 525	35 090	20 776	-
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	16	1	2	3	50	19	20	-
1978..	20	-	13	3	45	42	24	-
acres on which used, 1982..	592	(D)	(D)	985	3 622	3 015	663	-
1978..	485	-	171	221	1 799	1 538	653	-

  

Chemicals used	Pike	Potter	Schuylkill	Snyder	Somerset	Sullivan	Susquehanna	Tioga
Commercial fertilizer ----- farms, 1982..	21	226	602	625	825	104	521	549
1978..	16	230	642	558	869	135	597	582
acres on which used, 1982..	(D)	17 607	61 799	43 714	69 502	5 950	29 399	40 429
1978..	1 291	14 880	48 247	38 713	63 159	7 372	28 792	39 650
Cropland fertilized, except pastureland ----- farms, 1982..	20	225	600	614	805	101	519	541
1978..	16	230	642	558	869	133	591	577
acres on which used, 1982..	(D)	17 071	59 887	42 806	64 728	5 833	27 608	38 726
1978..	1 145	13 787	47 185	36 783	59 681	6 990	26 525	38 130
Pastureland and rangeland fertilized ----- farms, 1982..	2	19	60	85	161	12	91	59
1978..	5	45	87	133	174	14	75	57
acres on which used, 1982..	(D)	536	1 912	908	4 774	117	1 791	1 703
1978..	146	1 093	1 062	1 930	3 478	382	2 267	1 520
Lime ----- farms, 1982..	7	110	343	227	395	45	302	318
1978..	12	113	340	290	525	56	293	338
acres on which used, 1982..	(D)	7 294	21 101	7 594	14 658	1 606	8 659	12 740
1978..	438	5 627	13 533	7 092	17 555	1 244	7 904	8 318
tons, 1982..	(D)	9 602	30 074	13 046	28 111	2 764	16 046	20 363
1978..	676	7 527	21 435	12 296	34 200	2 541	12 393	15 815
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	6	57	341	244	203	19	79	74
1978..	5	57	272	260	242	25	100	118
acres on which used, 1982..	(D)	3 576	23 203	10 595	10 559	492	2 429	5 077
1978..	374	3 436	15 449	8 464	11 699	806	2 647	5 625
Nematodes in crops ----- farms, 1982..	1	9	34	15	49	1	12	9
1978..	-	5	75	-	34	2	3	6
acres on which used, 1982..	(D)	551	2 223	279	2 784	(D)	967	1 085
1978..	-	40	4 101	-	1 481	(D)	167	135
Diseases in crops and orchards ----- farms, 1982..	3	30	129	65	66	3	14	34
1978..	3	19	152	78	65	11	5	20
acres on which used, 1982..	(D)	1 962	3 329	1 381	2 314	12	85	569
1978..	4	748	3 768	1 760	1 076	71	297	1 402
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	13	162	428	381	577	65	312	337
1978..	12	148	464	320	661	87	448	445
acres on which used, 1982..	513	10 499	27 708	19 997	38 881	3 738	11 450	22 025
1978..	681	6 972	25 771	13 175	32 814	3 541	13 397	21 570
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	17	60	5	18	-	10	7
1978..	-	15	49	20	23	-	2	1
acres on which used, 1982..	-	1 186	1 060	186	1 336	-	359	585
1978..	-	1 692	1 050	488	1 055	496	(D)	(D)

**Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.**

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

Chemicals used	Union	Venango	Warren	Washington	Wayne	Westmoreland	Wyoming	York
Commercial fertilizer ----- farms, 1982..	394	376	282	752	398	947	278	1 754
1978..	429	347	272	842	415	935	287	1 833
acres on which used, 1982..	35 491	10 942	9 025	29 358	19 109	33 548	17 699	177 005
1978..	42 079	14 243	11 265	24 845	20 769	38 325	13 392	166 626
Cropland fertilized, except pastureland ----- farms, 1982..	394	345	274	729	395	921	271	1 746
1978..	419	337	272	830	415	935	287	1 810
acres on which used, 1982..	34 995	10 245	8 571	27 788	17 782	31 733	16 901	173 115
1978..	39 940	13 433	10 093	24 145	18 258	35 142	12 839	162 231
Pastureland and rangeland fertilized ----- farms, 1982..	39	60	21	73	61	149	30	213
1978..	59	68	57	78	74	163	29	219
acres on which used, 1982..	496	697	454	1 588	1 327	1 815	798	3 890
1978..	2 139	810	1 172	700	2 511	3 183	553	4 395
Lime ----- farms, 1982..	207	149	143	424	233	475	179	737
1978..	221	145	184	404	130	435	154	784
acres on which used, 1982..	8 181	1 888	2 412	8 678	4 830	7 413	6 318	31 613
1978..	9 210	3 129	4 193	5 198	2 899	9 059	3 856	29 297
tons, 1982..	12 816	3 888	3 916	18 458	7 816	13 875	10 444	50 247
1978..	12 629	5 846	7 290	9 788	4 346	17 146	4 192	50 389
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1982..	152	44	28	198	67	218	77	773
1978..	231	92	36	284	70	381	72	768
acres on which used, 1982..	11 612	1 840	711	7 534	884	8 038	2 791	57 510
1978..	14 629	2 185	1 575	7 623	2 975	10 565	1 656	49 981
Nematodes in crops ----- farms, 1982..	18	6	8	23	2	30	-	126
1978..	21	15	6	5	10	25	1	152
acres on which used, 1982..	1 332	78	315	1 572	(D)	929	-	9 664
1978..	2 015	160	145	304	80	410	(D)	9 998
Diseases in crops and orchards ----- farms, 1982..	30	24	9	57	36	27	35	264
1978..	37	27	25	66	11	47	15	317
acres on which used, 1982..	477	132	27	1 162	146	202	1 053	10 718
1978..	929	679	928	1 382	200	172	104	12 546
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	264	236	116	417	226	582	223	1 229
1978..	238	204	240	595	264	623	241	1 232
acres on which used, 1982..	20 317	7 300	4 268	14 084	6 309	18 644	9 097	108 708
1978..	16 243	5 694	4 598	13 335	7 873	17 253	6 899	82 739
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	14	15	-	16	14	53	8	131
1978..	8	1	1	38	19	24	1	68
acres on which used, 1982..	753	310	-	650	411	393	236	5 010
1978..	174	(D)	(D)	1 038	381	684	(D)	2 541