

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	New Jersey	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland
Commercial fertilizer ----- farms, 1982..	5 377	303	73	496	112	80	492
..... 1978..	5 766	333	79	532	128	83	512
acres on which used, 1982..	463 388	13 352	825	59 179	9 400	4 871	46 337
..... 1978..	475 873	12 323	830	59 962	6 809	4 755	47 979
Cropland fertilized, except pastureland ----- farms, 1982..	5 128	303	68	476	108	78	492
..... 1978..	5 634	323	78	532	128	81	512
acres on which used, 1982..	448 721	(D)	783	57 927	9 322	4 751	45 966
..... 1978..	456 119	12 262	(D)	58 461	(D)	4 683	47 534
Pastureland and rangeland fertilized ----- farms, 1982..	705	1	6	40	10	6	52
..... 1978..	786	13	1	50	14	7	24
acres on which used, 1982..	14 667	(D)	42	1 252	78	120	371
..... 1978..	19 754	61	(D)	1 501	(D)	72	445
Lime ----- farms, 1982..	2 538	109	38	237	59	48	251
..... 1978..	2 749	149	26	198	60	33	297
acres on which used, 1982..	123 143	4 047	403	15 821	2 496	1 468	14 013
..... 1978..	139 384	4 498	134	12 845	2 749	1 446	16 346
tons, 1982..	149 278	3 709	839	18 613	2 934	1 532	16 992
..... 1978..	171 404	4 638	130	15 793	3 056	1 454	19 679
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	2 882	254	64	302	85	42	347
..... 1978..	2 772	210	62	340	79	46	325
acres on which used, 1982..	184 059	11 505	616	17 717	4 721	2 506	27 500
..... 1978..	168 437	8 317	561	22 748	2 895	1 766	24 566
Nematodes in crops ----- farms, 1982..	321	39	-	37	6	3	34
..... 1978..	363	30	-	43	17	8	49
acres on which used, 1982..	19 781	958	-	2 760	145	310	2 208
..... 1978..	13 894	1 007	(D)	1 585	372	456	943
Diseases in crops and orchards ----- farms, 1982..	1 209	137	25	106	32	14	148
..... 1978..	1 463	159	45	204	63	24	189
acres on which used, 1982..	68 449	6 680	271	6 305	2 207	960	11 508
..... 1978..	60 202	6 788	516	8 501	2 832	665	9 583
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	3 069	132	29	325	58	43	279
..... 1978..	3 359	91	18	334	59	37	325
acres on which used, 1982..	313 749	7 351	216	47 045	5 575	3 873	31 162
..... 1978..	305 600	6 651	161	39 703	3 257	3 377	33 453
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	264	35	15	27	-	3	24
..... 1978..	237	17	7	26	-	3	30
acres on which used, 1982..	15 875	534	75	3 090	-	(D)	2 835
..... 1978..	10 773	358	27	1 996	(D)	32	1 485

Chemicals used	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth
Commercial fertilizer ----- farms, 1982..	23	538	-	604	203	179	479
..... 1978..	24	540	2	722	240	188	548
acres on which used, 1982..	426	37 878	-	49 445	30 095	20 781	42 465
..... 1978..	781	39 745	(D)	50 334	28 754	17 614	40 069
Cropland fertilized, except pastureland ----- farms, 1982..	23	512	-	560	189	178	444
..... 1978..	24	527	2	701	236	186	523
acres on which used, 1982..	426	37 245	-	47 141	29 593	(D)	40 606
..... 1978..	781	39 349	(D)	46 899	28 079	16 885	38 824
Pastureland and rangeland fertilized ----- farms, 1982..	-	56	-	123	20	4	86
..... 1978..	-	42	-	134	22	19	58
acres on which used, 1982..	-	633	-	2 304	502	(D)	1 859
..... 1978..	-	396	-	3 435	675	729	1 245
Lime ----- farms, 1982..	10	257	-	302	72	85	239
..... 1978..	12	290	2	279	150	69	252
acres on which used, 1982..	43	10 499	-	11 996	6 632	6 397	11 390
..... 1978..	(D)	15 435	(D)	10 619	7 586	5 110	13 458
tons, 1982..	56	11 454	-	16 388	8 407	6 935	13 396
..... 1978..	95	15 148	(D)	15 644	8 520	6 132	15 287
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	16	373	-	210	64	107	266
..... 1978..	18	302	1	163	69	87	315
acres on which used, 1982..	270	23 370	-	8 079	7 730	8 788	15 755
..... 1978..	325	19 752	(D)	9 743	4 582	6 289	18 804
Nematodes in crops ----- farms, 1982..	-	47	-	40	9	5	26
..... 1978..	-	50	-	7	8	12	35
acres on which used, 1982..	-	1 791	-	1 971	300	(D)	1 768
..... 1978..	-	1 369	-	820	466	1 259	1 451
Diseases in crops and orchards ----- farms, 1982..	6	177	-	81	40	38	124
..... 1978..	10	160	2	92	23	38	146
acres on which used, 1982..	40	14 185	-	1 775	1 121	3 569	4 494
..... 1978..	173	11 667	(D)	1 374	647	2 263	4 861
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	14	297	-	315	108	110	287
..... 1978..	10	334	-	453	159	73	267
acres on which used, 1982..	353	27 479	-	29 890	18 618	17 362	30 535
..... 1978..	452	29 834	-	32 822	22 939	12 143	27 957
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1	25	-	11	3	11	25
..... 1978..	1	28	-	18	5	21	24
acres on which used, 1982..	(D)	1 077	-	115	(D)	1 272	1 140
..... 1978..	(D)	1 818	-	217	53	1 209	928

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	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren
Commercial fertilizer ----- farms, 1982..	184	84	21	479	244	308	21	454
1978..	201	98	24	542	240	353	24	353
acres on which used, 1982..	5 532	2 592	204	55 297	22 070	15 796	133	46 710
1978..	10 676	3 596	(D)	68 422	24 279	19 586	194	38 962
Cropland fertilized, except pastureland ----- farms, 1982..	148	79	20	470	217	296	21	446
1978..	196	92	24	538	219	336	24	352
acres on which used, 1982..	4 962	2 485	(D)	53 326	20 579	14 523	133	44 881
1978..	10 014	3 374	196	65 298	22 051	16 870	194	36 768
Pastureland and rangeland fertilized ----- farms, 1982..	45	14	2	74	41	53	-	72
1978..	50	14	1	95	86	84	-	72
acres on which used, 1982..	570	107	(D)	1 971	1 491	1 273	-	1 829
1978..	662	222	(D)	3 124	2 228	2 716	-	2 194
Lime ----- farms, 1982..	93	45	13	267	85	107	9	212
1978..	80	55	6	322	132	167	7	163
acres on which used, 1982..	1 558	579	101	15 675	6 184	3 109	51	10 681
1978..	3 091	752	36	25 238	8 975	3 327	58	7 513
tons, 1982..	1 554	642	119	17 102	7 499	6 093	40	14 974
1978..	3 691	993	(D)	30 251	13 958	5 924	51	10 922
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	75	41	19	238	101	83	18	177
1978..	75	57	14	255	79	95	13	167
acres on which used, 1982..	1 000	708	188	24 965	7 006	3 496	100	18 039
1978..	1 423	1 203	106	22 948	3 254	4 232	(D)	14 840
Nematodes in crops ----- farms, 1982..	6	2	-	25	9	8	-	25
1978..	18	2	3	28	14	7	7	23
acres on which used, 1982..	(D)	(D)	-	2 098	1 196	320	-	2 786
1978..	757	(D)	23	1 725	594	25	49	914
Diseases in crops and orchards ----- farms, 1982..	33	19	5	90	57	35	7	35
1978..	51	20	7	94	52	36	12	36
acres on which used, 1982..	305	476	39	9 065	4 277	471	13	688
1978..	468	110	(D)	6 538	330	825	102	1 905
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	107	32	13	337	133	177	10	263
1978..	112	52	10	409	143	228	11	234
acres on which used, 1982..	3 402	1 776	110	40 995	12 949	8 177	72	26 809
1978..	5 613	2 226	66	45 027	12 469	8 449	79	18 922
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	3	2	2	23	19	12	3	20
1978..	6	-	-	31	11	-	-	8
acres on which used, 1982..	(D)	(D)	(D)	2 722	843	610	(D)	337
1978..	(D)	-	-	2 176	83	-	-	225