

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

[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, 1987--	5 743	287	91	544	118	74	451
1982--	5 377	303	73	496	112	80	492
acres on which used, 1987--	403 728	15 216	604	40 024	4 820	3 702	42 909
1982--	463 388	13 352	825	59 179	9 400	4 871	46 337
Cropland fertilized, except pastureland ----- farms, 1987--	5 370	287	81	511	113	74	450
1982--	5 128	303	68	476	108	78	492
acres on which used, 1987--	387 472	15 216	531	39 182	4 724	(D)	42 166
1982--	448 721	(D)	783	57 927	9 322	4 751	45 966
Pastureland and rangeland fertilized ----- farms, 1987--	771	-	13	52	9	5	10
1982--	705	1	6	40	10	6	52
acres on which used, 1987--	16 256	-	73	842	96	(D)	743
1982--	14 667	(D)	42	1 252	78	120	371
Lime ----- farms, 1987--	2 167	130	22	206	47	30	230
1982--	2 538	109	38	237	59	48	251
acres on which used, 1987--	87 008	4 926	161	9 277	1 542	646	12 675
1982--	123 143	4 047	403	15 821	2 496	1 468	14 013
tons, 1987--	104 761	5 099	274	9 980	1 539	666	17 073
1982--	149 278	3 709	839	18 613	2 934	1 532	16 992
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987--	3 096	244	55	386	86	46	319
1982--	2 882	254	64	302	85	42	347
acres on which used, 1987--	150 241	10 264	396	16 234	3 806	1 706	22 335
1982--	184 059	11 505	616	17 717	4 721	2 506	27 500
Nematodes in crops ----- farms, 1987--	351	11	1	30	7	7	33
1982--	321	39	-	37	6	3	34
acres on which used, 1987--	15 613	657	(D)	1 149	161	332	1 946
1982--	19 781	958	-	2 760	145	310	2 208
Diseases in crops and orchards ----- farms, 1987--	1 544	134	29	181	51	21	201
1982--	1 209	137	25	106	32	14	148
acres on which used, 1987--	65 983	6 738	293	7 772	2 257	351	14 736
1982--	68 449	6 680	271	6 305	2 207	960	11 508
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	3 170	138	39	306	37	40	333
1982--	3 069	132	29	325	58	43	279
acres on which used, 1987--	268 203	10 175	224	32 728	2 003	2 235	30 669
1982--	313 749	7 351	216	47 045	5 575	3 873	31 162
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	221	15	11	27	4	5	22
1982--	264	35	15	27	-	3	24
acres on which used, 1987--	(D)	1 067	68	1 893	61	(D)	3 240
1982--	15 875	534	75	3 090	-	(D)	2 835

Chemicals used	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth
Commercial fertilizer ----- farms, 1987--	20	479	-	686	233	216	563
1982--	23	538	-	604	203	179	479
acres on which used, 1987--	286	37 043	-	37 563	18 797	17 473	37 765
1982--	426	37 878	-	49 445	30 095	20 781	42 465
Cropland fertilized, except pastureland ----- farms, 1987--	20	430	-	639	211	215	487
1982--	23	512	-	560	189	178	444
acres on which used, 1987--	(D)	35 759	-	35 982	18 122	17 244	36 277
1982--	426	37 245	-	47 141	29 593	(D)	40 606
Pastureland and rangeland fertilized ----- farms, 1987--	1	92	-	115	25	10	99
1982--	-	56	-	123	20	4	86
acres on which used, 1987--	(D)	1 284	-	1 581	675	229	1 488
1982--	-	633	-	2 304	502	(D)	1 859
Lime ----- farms, 1987--	10	192	-	189	88	55	227
1982--	10	257	-	302	72	85	239
acres on which used, 1987--	68	9 587	-	4 938	2 765	1 529	7 474
1982--	43	10 499	-	11 996	6 632	6 397	11 390
tons, 1987--	38	9 616	-	6 856	3 534	1 290	7 947
1982--	56	11 454	-	16 388	8 407	6 935	13 396
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987--	17	313	-	256	101	104	270
1982--	16	373	-	210	64	107	266
acres on which used, 1987--	124	21 889	-	4 268	5 156	4 704	12 301
1982--	270	23 370	-	8 079	7 730	8 788	15 755
Nematodes in crops ----- farms, 1987--	-	46	-	45	6	9	25
1982--	-	47	-	40	9	5	26
acres on which used, 1987--	-	1 539	-	1 240	1 437	(D)	558
1982--	-	1 791	-	1 971	300	(D)	1 768
Diseases in crops and orchards ----- farms, 1987--	10	177	-	116	48	48	119
1982--	6	177	-	81	40	38	124
acres on which used, 1987--	31	11 816	-	887	796	1 613	4 404
1982--	40	14 185	-	1 775	1 121	3 589	4 494
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	9	275	-	417	109	119	290
1982--	14	297	-	315	108	110	287
acres on which used, 1987--	108	21 883	-	19 038	17 346	16 660	25 896
1982--	353	27 479	-	29 890	18 618	17 362	30 535
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	-	28	-	10	7	7	14
1982--	1	25	-	11	3	11	25
acres on which used, 1987--	-	1 736	-	119	117	1 108	787
1982--	(D)	1 077	-	115	(D)	1 272	1 140

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—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, 1987--	225	121	27	511	239	401	18	439
1982--	184	84	21	479	244	308	21	454
acres on which used, 1987--	7 289	4 902	161	54 738	22 812	17 258	106	40 260
1982--	5 532	2 592	204	55 297	22 070	15 796	133	46 710
Cropland fertilized, except pastureland ----- farms, 1987--	193	113	27	509	217	361	17	415
1982--	148	79	20	470	217	296	21	446
acres on which used, 1987--	6 569	4 756	161	51 546	21 430	15 375	(D)	38 386
1982--	4 962	2 485	(D)	53 326	20 579	14 523	133	44 881
Pastureland and rangeland fertilized ----- farms, 1987--	41	17	-	82	37	99	1	63
1982--	45	14	2	74	41	53	-	72
acres on which used, 1987--	720	146	-	3 192	1 382	1 883	(D)	1 874
1982--	570	107	(D)	1 971	1 491	1 273	-	1 829
Lime ----- farms, 1987--	43	36	11	239	99	163	8	142
1982--	93	45	13	267	85	107	9	212
acres on which used, 1987--	1 032	400	89	15 592	3 558	4 101	74	6 574
1982--	1 558	579	101	15 675	6 184	3 109	51	10 681
tons, 1987--	1 475	471	129	16 779	4 793	6 811	84	10 307
1982--	1 554	642	119	17 102	7 499	6 093	40	14 974
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	124	42	22	270	76	137	13	215
1982--	75	41	19	238	101	83	18	177
acres on which used, 1987--	1 488	547	157	19 582	5 440	4 145	68	15 631
1982--	1 000	708	188	24 965	7 006	3 496	100	18 039
Nematodes in crops ----- farms, 1987--	4	17	1	34	3	29	2	41
1982--	6	2	-	25	9	8	-	25
acres on which used, 1987--	(D)	476	(D)	2 028	533	772	(D)	1 991
1982--	(D)	(D)	-	2 098	1 196	320	-	2 786
Diseases in crops and orchards ----- farms, 1987--	56	24	5	120	16	107	6	75
1982--	33	19	5	90	57	35	7	35
acres on which used, 1987--	569	355	21	10 138	198	1 748	32	1 228
1982--	305	476	39	9 065	4 277	471	13	688
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	79	47	13	341	124	198	9	247
1982--	107	32	13	337	133	177	10	263
acres on which used, 1987--	3 093	3 689	116	39 661	11 573	8 937	51	22 118
1982--	3 402	1 776	110	40 995	12 949	8 177	72	26 809
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	11	10	3	19	12	13	-	3
1982--	3	2	2	23	19	12	3	20
acres on which used, 1987--	12	115	(D)	1 993	102	90	-	(D)
1982--	(D)	(D)	(D)	2 722	843	610	(D)	337