

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	New Jersey	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	5,133	318	40	567	153	118	400
1997	5,326	327	68	539	143	96	457
acres treated, 2002	373,719	16,064	256	57,738	4,652	2,865	41,796
1997	390,371	14,812	765	50,849	4,409	2,216	42,443
farms, 2002	4,512	293	36	559	143	107	388
1997	5,093	311	68	534	134	96	449
acres treated, 2002	357,700	15,844	220	56,685	4,560	2,810	41,444
1997	378,247	14,736	765	49,864	4,313	2,093	41,939
Pastureland and rangeland fertilized							
farms, 2002	1,184	25	5	73	16	14	45
1997	527	17	-	23	12	7	28
acres treated, 2002	16,019	220	36	1,053	92	55	352
1997	12,124	76	-	985	96	123	504
Manure							
farms, 2002	1,717	67	5	165	36	45	106
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	42,626	667	97	2,506	272	236	6,469
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ²							
farms, 2002	1,961	142	29	283	57	48	217
1997	2,036	176	34	266	53	41	226
acres treated, 2002	127,982	12,515	191	16,867	2,363	1,055	21,349
1997	132,369	10,328	599	15,146	2,730	683	22,255
Weeds, grass, or brush							
farms, 2002	2,414	126	17	270	49	39	240
1997	2,517	147	25	304	39	42	240
acres treated, 2002	263,337	10,624	118	53,971	2,121	1,480	33,824
1997	276,276	10,781	122	40,448	2,446	1,501	32,716
Nematodes							
farms, 2002	168	17	1	17	7	1	11
1997	235	21	3	46	6	3	18
acres treated, 2002	12,767	1,707	(D)	2,121	481	(D)	747
1997	11,151	980	5	1,706	218	30	855
Diseases in crops and orchards							
farms, 2002	931	83	14	104	23	25	75
1997	1,248	131	23	199	29	19	140
acres treated, 2002	58,916	8,341	120	7,226	2,175	775	9,759
1997	68,259	9,085	489	8,754	2,017	339	12,564
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	191	18	3	37	6	1	6
1997	192	13	4	18	6	1	16
acres on which used, 2002	8,177	926	26	1,901	485	(D)	778
1997	8,592	256	(D)	2,551	(D)	(D)	1,311

Item	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	7	316	-	726	174	167	381
1997	11	437	-	657	159	174	447
acres treated, 2002	58	29,635	-	44,664	10,405	12,211	19,008
1997	118	35,233	-	42,492	15,591	16,614	31,002
farms, 2002	5	310	-	544	156	154	332
1997	11	406	-	599	147	169	427
acres treated, 2002	(D)	28,083	-	40,255	10,014	12,043	17,676
1997	118	34,076	-	40,565	15,275	(D)	29,947
Pastureland and rangeland fertilized							
farms, 2002	2	58	-	297	31	16	105
1997	-	45	-	100	23	5	46
acres treated, 2002	(D)	1,552	-	4,409	391	168	1,332
1997	-	1,157	-	1,927	316	(D)	1,055
Manure							
farms, 2002	4	79	-	344	47	56	104
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	18	2,031	-	6,197	315	827	1,587
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ²							
farms, 2002	4	147	-	139	95	51	130
1997	11	188	-	153	67	72	164
acres treated, 2002	32	13,687	-	3,494	1,669	2,734	5,459
1997	56	14,016	-	5,567	4,125	3,687	10,556
Weeds, grass, or brush							
farms, 2002	6	146	-	378	86	72	121
1997	4	232	-	320	81	82	156
acres treated, 2002	24	19,588	-	27,019	7,167	5,308	11,274
1997	30	20,839	-	27,113	13,780	13,325	19,861
Nematodes							
farms, 2002	-	23	-	8	17	19	3
1997	-	29	-	16	20	12	16
acres treated, 2002	-	1,411	-	1,025	151	579	163
1997	-	1,340	-	405	569	757	737
Diseases in crops and orchards							
farms, 2002	1	62	-	65	42	24	81
1997	7	112	-	103	21	53	113
acres treated, 2002	(D)	10,269	-	836	427	1,106	3,182
1997	22	10,418	-	2,191	898	3,186	3,751
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	-	17	-	7	21	1	24
1997	1	25	-	28	3	15	13
acres on which used, 2002	-	2,392	-	190	77	(D)	172
1997	(D)	1,588	-	479	42	68	394

See footnote(s) at end of table.

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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	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	122	116	24	498	195	417	12	382
1997	176	120	28	422	207	385	14	459
acres treated, 2002	4,849	3,298	147	59,530	11,366	13,106	90	41,981
1997	6,915	3,685	(D)	54,915	16,696	14,287	(D)	37,092
Cropland fertilized, except cropland pastured farms, 2002	121	98	24	428	162	311	12	329
1997	165	112	28	419	192	385	14	427
acres treated, 2002	4,840	2,947	(D)	57,309	10,433	11,361	90	40,892
1997	6,482	3,093	(D)	53,925	14,914	13,708	(D)	35,602
Pastureland and rangeland fertilized farms, 2002	3	34	4	139	46	144	-	127
1997	14	16	1	37	48	19	-	86
acres treated, 2002	9	351	(D)	2,221	933	1,745	-	1,089
1997	433	592	(D)	990	1,782	579	-	1,490
Manure farms, 2002	64	34	18	124	55	173	4	187
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	658	261	63	7,295	1,688	4,808	17	6,614
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	67	41	16	146	79	146	6	118
1997	69	21	11	141	83	79	6	175
acres treated, 2002	1,410	1,074	72	22,784	1,185	2,745	34	17,263
1997	2,510	556	56	21,052	1,058	2,081	19	15,299
Weeds, grass, or brush farms, 2002	90	48	7	266	78	168	5	202
1997	97	12	4	245	104	154	5	224
acres treated, 2002	5,176	2,571	64	40,692	7,505	3,666	54	31,091
1997	5,447	1,735	(D)	44,222	9,386	6,644	(D)	25,833
Nematodes farms, 2002	7	10	1	16	2	2	-	6
1997	3	2	2	22	3	9	-	4
acres treated, 2002	27	376	(D)	1,794	(D)	(D)	-	1,400
1997	(D)	(D)	(D)	2,218	(D)	488	-	(D)
Diseases in crops and orchards farms, 2002	42	28	12	46	21	92	3	88
1997	32	11	6	71	61	65	6	46
acres treated, 2002	1,019	404	33	9,620	514	1,070	(D)	1,993
1997	1,161	168	11	8,783	333	1,063	25	3,001
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	5	7	3	6	8	15	-	6
1997	3	3	2	13	-	19	1	8
acres on which used, 2002	33	41	(D)	775	16	15	-	342
1997	(D)	(D)	(D)	1,138	-	48	(D)	113

¹ Data for 1997 exclude lime.

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