

**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	South Carolina	Abbeville	Aiken	Allendale	Anderson	Bamberg	Barnwell
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	11,530	271	510	61	865	122	147
1997	16,135	361	589	98	1,059	204	260
acres treated, 2002	1,441,055	19,628	35,145	36,199	54,646	32,011	19,059
1997	1,693,665	15,605	38,697	36,885	52,161	40,120	31,023
Cropland fertilized, except cropland pastured . . . . . farms, 2002	7,645	151	343	52	385	103	113
1997	11,238	167	439	86	506	185	196
acres treated, 2002	1,149,298	6,041	27,118	31,640	22,263	27,951	15,447
1997	1,418,245	4,754	32,212	33,596	23,475	37,267	28,198
Pastureland and rangeland fertilized . . . . . farms, 2002	6,189	192	265	18	653	39	57
1997	7,109	256	259	20	678	55	100
acres treated, 2002	291,757	13,587	8,027	4,559	32,383	4,060	3,612
1997	275,420	10,851	6,485	3,289	28,686	2,853	2,825
Manure . . . . . farms, 2002	2,690	41	173	5	271	30	24
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	181,573	2,412	8,121	2,903	9,082	1,094	2,805
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	3,582	20	114	27	101	50	66
1997	4,224	51	113	33	83	89	97
acres treated, 2002	613,177	771	14,596	18,291	1,684	20,535	8,773
1997	732,331	342	11,511	19,576	2,836	19,450	15,931
Weeds, grass, or brush . . . . . farms, 2002	5,546	97	242	36	338	90	86
1997	6,421	97	243	38	316	121	158
acres treated, 2002	834,976	3,677	19,228	26,627	18,716	22,557	10,099
1997	1,093,348	3,068	23,839	29,951	15,220	28,862	23,370
Nematodes . . . . . farms, 2002	929	-	50	7	6	25	12
1997	1,615	-	18	6	1	26	41
acres treated, 2002	177,530	-	6,976	616	6	7,077	515
1997	294,269	-	1,517	(D)	(D)	11,020	3,952
Diseases in crops and orchards . . . . . farms, 2002	938	-	4	5	23	20	21
1997	1,591	11	30	16	35	68	64
acres treated, 2002	83,162	-	2,051	(D)	(D)	1,783	460
1997	213,507	25	5,735	1,205	665	4,204	4,412
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	586	-	13	7	1	17	5
1997	987	-	32	16	20	20	17
acres on which used, 2002	168,692	-	5,488	1,471	(D)	4,808	140
1997	257,557	-	2,910	6,322	947	9,156	4,888

  

Item	Beaufort	Berkeley	Calhoun	Charleston	Cherokee	Chester	Chesterfield	Clarendon
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	63	194	121	191	195	159	185	170
1997	60	241	212	208	218	292	362	265
acres treated, 2002	3,492	9,055	40,079	5,514	13,942	14,521	19,914	58,845
1997	3,366	14,130	49,501	7,453	9,953	16,742	32,378	94,981
Cropland fertilized, except cropland pastured . . . . . farms, 2002	47	179	107	175	103	51	132	134
1997	54	216	212	153	87	129	217	243
acres treated, 2002	3,136	8,091	39,013	3,620	3,414	4,328	13,118	56,208
1997	2,842	13,106	47,910	6,263	4,552	7,484	20,014	93,211
Pastureland and rangeland fertilized . . . . . farms, 2002	18	63	37	35	139	138	124	87
1997	10	45	36	72	143	214	225	42
acres treated, 2002	356	964	1,066	1,894	10,528	10,193	6,796	2,637
1997	524	1,024	1,591	1,190	5,401	9,258	12,364	1,770
Manure . . . . . farms, 2002	6	43	24	13	23	67	45	71
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	144	466	1,311	498	1,414	6,456	4,668	6,415
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	29	91	53	57	27	29	82	98
1997	29	58	93	64	46	8	50	151
acres treated, 2002	1,775	5,430	25,745	1,952	1,652	343	7,433	35,889
1997	1,096	4,316	34,152	3,288	1,644	1,032	8,180	57,805
Weeds, grass, or brush . . . . . farms, 2002	28	91	73	74	42	45	116	119
1997	27	123	145	60	35	38	138	158
acres treated, 2002	2,118	1,939	23,285	2,488	2,280	4,171	9,350	45,020
1997	1,965	8,644	35,201	3,863	1,456	5,424	16,952	75,045
Nematodes . . . . . farms, 2002	3	16	32	13	-	-	1	29
1997	8	23	35	25	-	-	1	92
acres treated, 2002	(D)	315	14,235	457	-	-	(D)	8,589
1997	312	1,252	14,024	1,892	-	(D)	3,797	31,313
Diseases in crops and orchards . . . . . farms, 2002	6	7	8	29	2	-	15	24
1997	8	6	26	35	12	10	37	44
acres treated, 2002	71	(D)	2,815	1,033	(D)	-	998	5,953
1997	318	443	4,964	2,372	(D)	223	4,443	18,165
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	7	16	-	2	-	10	9
1997	-	11	54	2	1	5	11	36
acres on which used, 2002	-	140	10,004	-	(D)	-	630	1,417
1997	-	682	21,799	(D)	(D)	(D)	455	12,403

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	Colleton	Darlington	Dillon	Dorchester	Edgefield	Fairfield	Florence	Georgetown
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	223	147	119	155	162	95	411	137
1997	337	337	169	237	206	122	612	157
acres treated, 2002	8,834	80,649	68,599	19,187	11,625	7,201	91,729	8,658
1997	29,616	96,631	62,440	28,802	17,227	4,409	86,981	8,574
Cropland fertilized, except cropland pastured . . . . . farms, 2002	188	146	116	129	63	67	360	125
1997	310	299	165	196	141	71	577	132
acres treated, 2002	7,754	78,376	67,538	17,596	7,724	4,527	87,452	8,305
1997	27,230	93,820	61,122	25,920	13,406	2,370	84,899	8,186
Pastureland and rangeland fertilized . . . . . farms, 2002	79	29	21	46	113	46	117	31
1997	96	85	26	95	93	64	109	42
acres treated, 2002	1,080	2,273	1,061	1,591	3,901	2,674	4,277	353
1997	2,386	2,811	1,318	2,882	3,821	2,039	2,082	388
Manure . . . . . farms, 2002	28	54	30	20	29	48	25	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	251	6,856	4,333	3,609	660	5,290	1,740	215
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	80	122	83	53	78	26	240	60
1997	112	170	137	54	44	16	331	90
acres treated, 2002	3,677	46,330	43,152	11,762	6,389	552	33,900	4,149
1997	13,096	65,581	27,288	15,823	7,929	415	53,690	4,524
Weeds, grass, or brush . . . . . farms, 2002	145	136	88	79	78	45	283	92
1997	195	215	107	114	56	28	444	107
acres treated, 2002	7,022	60,608	59,478	14,267	7,834	2,105	47,395	5,244
1997	21,732	77,206	52,752	18,945	10,307	974	69,668	6,651
Nematodes . . . . . farms, 2002	10	42	29	19	5	6	141	23
1997	43	90	52	13	3	1	163	52
acres treated, 2002	942	12,600	8,911	6,527	380	45	7,509	405
1997	9,267	15,161	10,650	5,644	(D)	(D)	20,802	1,705
Diseases in crops and orchards . . . . . farms, 2002	24	14	21	9	27	-	88	19
1997	33	49	37	7	37	-	75	26
acres treated, 2002	1,212	3,300	6,001	1,249	4,481	-	3,781	310
1997	6,007	13,650	10,202	1,688	5,859	27	18,146	1,418
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	2	35	24	14	5	4	64	23
1997	14	65	26	14	9	1	67	32
acres on which used, 2002	(D)	21,224	18,789	6,623	(D)	40	7,386	1,532
1997	2,236	21,416	10,221	6,175	1,255	(D)	14,615	1,066

  

Item	Greenville	Greenwood	Hampton	Horry	Jasper	Kershaw	Lancaster	Laurens
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	388	192	121	589	70	177	253	434
1997	640	261	175	914	90	221	379	509
acres treated, 2002	39,894	11,856	30,045	78,475	7,404	12,450	11,479	29,503
1997	25,067	10,475	45,982	98,651	5,755	10,543	12,904	27,775
Cropland fertilized, except cropland pastured . . . . . farms, 2002	184	69	113	446	50	134	109	215
1997	325	121	130	827	76	128	153	283
acres treated, 2002	11,252	3,955	28,894	74,380	6,184	10,806	3,484	8,251
1997	10,735	2,985	44,561	93,603	4,901	8,495	4,818	9,742
Pastureland and rangeland fertilized . . . . . farms, 2002	330	152	30	251	33	90	205	309
1997	409	162	58	173	18	107	276	328
acres treated, 2002	28,642	7,901	1,151	4,095	1,220	1,644	7,995	21,252
1997	14,332	7,490	1,421	5,048	854	2,048	8,086	18,033
Manure . . . . . farms, 2002	87	35	5	123	15	98	94	119
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,797	1,829	102	2,263	977	4,826	5,557	4,716
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	69	41	49	279	25	57	48	16
1997	107	16	103	491	17	37	22	30
acres treated, 2002	8,641	2,686	15,359	34,886	2,380	1,874	827	696
1997	3,303	561	31,633	34,492	3,014	3,417	173	1,352
Weeds, grass, or brush . . . . . farms, 2002	148	78	76	342	43	58	137	108
1997	190	83	110	569	31	80	33	63
acres treated, 2002	8,777	3,436	21,807	46,927	4,993	8,436	3,076	4,770
1997	8,178	3,454	31,683	70,953	3,707	4,663	1,259	3,201
Nematodes . . . . . farms, 2002	2	-	20	1	1	13	-	-
1997	13	7	50	310	5	14	6	1
acres treated, 2002	(D)	-	6,717	11,317	(D)	3,290	-	-
1997	91	539	17,850	23,484	665	1,129	114	(D)
Diseases in crops and orchards . . . . . farms, 2002	21	33	4	58	5	16	15	13
1997	52	2	24	183	5	14	22	14
acres treated, 2002	5,210	177	790	6,900	(D)	24	30	13
1997	2,097	(D)	4,644	12,614	(D)	1,268	149	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	17	7	9	37	3	8	15	-
1997	-	-	34	48	1	5	8	2
acres on which used, 2002	5,075	7	2,663	1,854	7	880	30	-
1997	-	-	14,843	3,669	(D)	(D)	24	(D)

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	Lee	Lexington	McCormick	Marion	Marlboro	Newberry	Oconee	Orangeburg
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	103	535	40	106	100	275	464	494
1997	143	629	67	183	130	405	380	691
acres treated, 2002	62,363	25,577	1,961	32,810	60,968	23,269	19,387	100,601
1997	69,254	30,140	2,813	40,887	69,606	33,226	16,510	129,125
Cropland fertilized, except cropland pastured								
farms, 2002	91	373	20	82	92	152	251	441
1997	128	462	33	155	120	279	257	610
acres treated, 2002	61,471	19,913	447	30,576	56,869	12,238	8,456	94,471
1997	68,386	25,637	933	39,334	68,418	18,100	6,591	125,230
Pastureland and rangeland fertilized								
farms, 2002	28	266	25	53	32	220	310	167
1997	23	224	39	41	37	253	193	154
acres treated, 2002	892	5,664	1,514	2,234	4,099	11,031	10,931	6,130
1997	868	4,503	1,880	1,553	1,188	15,126	9,919	3,895
Manure								
farms, 2002	55	166	8	10	5	74	186	57
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	12,241	11,341	577	776	1,174	8,206	9,818	8,770
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup>								
farms, 2002	66	205	5	61	63	44	167	163
1997	87	122	2	88	69	27	75	311
acres treated, 2002	36,445	15,827	5	16,500	38,898	1,629	2,516	57,487
1997	38,487	7,988	(D)	18,026	46,214	1,702	814	69,331
Weeds, grass, or brush								
farms, 2002	92	267	10	76	68	93	227	238
1997	99	270	12	109	76	100	102	414
acres treated, 2002	51,478	11,288	497	27,564	45,760	6,990	6,440	66,646
1997	61,692	19,413	267	30,501	57,690	10,095	3,566	101,878
Nematodes								
farms, 2002	23	26	-	34	21	-	11	62
1997	40	8	-	69	34	-	16	126
acres treated, 2002	9,601	661	-	6,152	15,900	-	55	21,422
1997	14,238	2,088	-	12,951	27,053	-	49	26,274
Diseases in crops and orchards								
farms, 2002	12	42	5	22	13	1	92	54
1997	24	18	1	44	10	4	41	120
acres treated, 2002	1,375	3,378	7	2,185	1,970	(D)	737	7,214
1997	10,387	3,279	(D)	12,172	9,879	(D)	617	13,546
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	29	-	-	9	31	-	53	35
1997	72	5	1	35	43	1	10	102
acres on which used, 2002	12,680	-	-	5,885	23,430	-	441	15,760
1997	25,835	1,407	(D)	5,448	28,279	(D)	161	27,074

  

Item	Pickens	Richland	Saluda	Spartanburg	Sumter	Union	Williamsburg	York
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	285	182	244	653	197	120	325	480
1997	439	312	381	892	365	189	553	581
acres treated, 2002	10,109	11,356	29,422	26,905	66,301	5,801	60,032	24,555
1997	16,093	16,039	31,143	40,896	71,546	6,752	75,839	28,969
Cropland fertilized, except cropland pastured								
farms, 2002	92	141	170	400	157	54	315	225
1997	228	240	232	485	285	78	505	317
acres treated, 2002	1,786	10,008	14,879	17,265	63,997	2,388	59,135	7,533
1997	6,742	13,269	15,363	19,339	70,401	1,183	73,829	13,813
Pastureland and rangeland fertilized								
farms, 2002	247	54	131	378	47	88	35	361
1997	284	105	220	551	99	133	107	350
acres treated, 2002	8,323	1,348	14,543	9,640	2,304	3,413	897	17,022
1997	9,351	2,770	15,780	21,557	1,145	5,569	2,010	15,156
Manure								
farms, 2002	75	29	117	65	57	3	54	61
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,656	1,512	7,683	2,945	13,185	360	2,440	3,079
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup>								
farms, 2002	56	44	56	67	137	9	195	74
1997	31	61	41	113	98	6	263	88
acres treated, 2002	3,055	1,480	4,137	7,444	27,536	225	36,214	1,650
1997	602	3,318	4,177	4,807	32,582	(D)	51,970	4,841
Weeds, grass, or brush								
farms, 2002	94	120	115	171	180	35	221	126
1997	109	127	80	195	178	21	321	91
acres treated, 2002	3,944	4,143	9,285	12,170	48,697	925	38,818	2,601
1997	2,635	11,073	6,198	12,931	53,779	437	54,649	8,351
Nematodes								
farms, 2002	12	7	3	6	12	9	58	-
1997	1	4	3	14	41	6	129	1
acres treated, 2002	86	(D)	655	1,680	6,499	225	15,944	-
1997	(D)	(D)	(D)	72	5,895	7	23,366	(D)
Diseases in crops and orchards								
farms, 2002	1	19	22	43	33	26	16	6
1997	16	27	17	110	45	6	90	32
acres treated, 2002	(D)	56	3,212	4,651	3,513	242	2,521	266
1997	464	(D)	2,050	4,660	7,669	12	18,598	1,180
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	11	1	3	14	14	-	31	1
1997	3	1	3	44	23	-	76	17
acres on which used, 2002	11	(D)	1,028	3,588	2,140	-	11,795	(D)
1997	7	(D)	1,112	2,235	8,799	-	17,029	1,530

<sup>1</sup> Data for 1997 exclude lime.

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