

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	South Carolina	Abbeville	Aiken	Allendale	Anderson	Bamberg	Barnwell
Commercial fertilizer ----- farms, 1982..	18 370	309	549	108	826	226	240
1978..	21 703	347	586	192	940	314	326
acres on which used, 1982..	2 133 542	22 667	44 797	68 151	74 648	58 395	52 263
1978..	2 531 316	32 451	72 935	72 126	87 191	76 288	65 610
Cropland fertilized, except pastureland ----- farms, 1982..	15 470	161	513	103	562	226	225
1978..	20 370	270	548	184	841	314	315
acres on which used, 1982..	1 899 339	9 869	38 634	64 503	47 862	56 445	51 324
1978..	2 234 174	12 660	64 290	69 235	53 362	72 208	62 682
Pastureland and rangeland fertilized ----- farms, 1982..	5 381	201	142	12	432	38	31
1978..	6 119	228	199	39	536	62	64
acres on which used, 1982..	234 203	12 798	6 163	3 648	26 786	1 950	939
1978..	297 145	19 791	8 645	2 891	33 829	4 080	2 928
Lime ----- farms, 1982..	5 603	134	202	21	215	60	76
1978..	8 822	171	237	109	403	155	107
acres on which used, 1982..	346 245	4 013	7 847	7 731	8 524	7 728	7 044
1978..	730 949	6 741	23 759	23 244	18 663	19 873	13 241
tons, 1982..	342 267	3 298	7 090	7 805	8 368	7 300	4 653
1978..	688 881	7 187	22 647	21 591	18 278	19 237	12 483
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	7 475	22	114	98	117	127	110
1978..	9 301	53	218	107	214	136	173
acres on which used, 1982..	1 035 621	115	8 843	52 383	7 300	28 497	24 577
1978..	1 045 611	1 126	32 508	49 832	10 068	30 335	41 099
Nematodes in crops ----- farms, 1982..	3 684	1	45	57	-	79	75
1978..	4 515	8	63	58	9	63	61
acres on which used, 1982..	485 142	(D)	9 634	28 704	-	15 911	18 030
1978..	445 768	160	8 440	22 189	389	9 506	15 494
Diseases in crops and orchards ----- farms, 1982..	1 955	-	78	21	55	6	58
1978..	1 866	-	33	19	67	33	59
acres on which used, 1982..	154 099	-	2 259	6 761	607	(D)	5 675
1978..	175 882	-	3 680	7 353	3 040	3 363	9 159
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	8 170	74	225	86	176	175	141
1978..	11 404	151	222	110	501	213	150
acres on which used, 1982..	1 463 675	9 686	27 097	44 078	21 363	37 673	32 306
1978..	1 591 722	9 309	31 045	47 627	44 452	51 805	36 424
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	927	-	19	8	15	-	24
1978..	1 213	9	41	1	3	1	4
acres on which used, 1982..	122 278	-	1 992	1 103	2 134	-	3 030
1978..	111 403	296	2 055	(D)	19	(D)	2 076

Chemicals used	Beaufort	Berkeley	Calhoun	Charleston	Cherokee	Chester	Chesterfield	Clarendon
Commercial fertilizer ----- farms, 1982..	108	342	231	160	296	249	358	429
1978..	128	443	329	201	354	529	456	529
acres on which used, 1982..	14 218	16 401	54 132	17 671	25 073	21 680	43 595	85 969
1978..	19 377	23 378	73 183	22 724	17 917	25 898	76 723	107 203
Cropland fertilized, except pastureland ----- farms, 1982..	104	334	216	152	197	151	313	420
1978..	112	430	309	195	278	251	439	523
acres on which used, 1982..	12 742	16 024	53 123	17 372	15 167	13 322	40 608	85 318
1978..	16 266	22 188	68 456	22 270	12 844	17 458	71 069	106 219
Pastureland and rangeland fertilized ----- farms, 1982..	18	39	45	9	145	142	75	18
1978..	44	60	78	31	150	168	105	41
acres on which used, 1982..	1 476	377	1 009	299	9 906	8 358	2 987	651
1978..	3 111	1 190	4 727	454	5 073	8 440	5 654	984
Lime ----- farms, 1982..	35	68	63	49	113	87	101	76
1978..	33	70	188	88	187	183	213	207
acres on which used, 1982..	1 981	3 062	7 858	5 578	8 381	3 285	5 408	12 083
1978..	5 639	2 943	22 081	10 010	8 488	8 926	17 260	35 974
tons, 1982..	1 675	2 791	8 152	6 519	10 039	3 783	4 710	11 058
1978..	3 610	2 924	20 406	9 598	9 928	9 903	17 490	38 657
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	63	148	159	64	37	14	139	317
1978..	79	116	234	103	86	62	188	314
acres on which used, 1982..	8 669	4 833	47 446	11 575	4 294	996	10 576	69 621
1978..	10 412	7 524	47 212	10 504	3 277	3 565	18 315	54 847
Nematodes in crops ----- farms, 1982..	20	66	87	43	13	2	40	169
1978..	35	79	114	42	5	-	57	293
acres on which used, 1982..	3 405	3 276	29 242	5 162	1 427	(D)	1 599	48 462
1978..	5 074	4 208	20 450	7 547	349	-	6 886	43 888
Diseases in crops and orchards ----- farms, 1982..	31	15	15	61	25	-	46	69
1978..	41	16	25	38	27	5	18	107
acres on which used, 1982..	3 669	177	10 200	3 766	2 394	-	4 372	12 337
1978..	5 622	1 210	4 640	4 395	3 167	15	7 237	16 706
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	40	160	110	71	76	61	190	231
1978..	64	198	177	71	220	181	277	336
acres on which used, 1982..	9 762	8 144	38 854	12 733	9 181	10 392	36 347	72 618
1978..	10 900	15 088	39 382	13 523	14 747	18 487	59 351	82 895
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	2	13	17	16	7	16	3	40
1978..	17	14	47	13	-	24	4	45
acres on which used, 1982..	(D)	169	5 087	1 348	630	1 805	(D)	2 108
1978..	591	1 033	5 721	546	-	699	71	2 285

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	Counties							
	Colleton	Darlington	Dillon	Dorchester	Edgefield	Fairfield	Florence	Georgetown
Commercial fertilizer ----- farms, 1982..	480	502	403	373	186	156	1 058	223
1978..	551	627	532	426	190	144	1 453	267
acres on which used, 1982..	46 525	93 003	66 288	29 470	29 068	6 565	105 054	14 243
1978..	57 986	100 918	76 431	26 883	32 803	9 055	125 013	12 673
Cropland fertilized, except pastureland ----- farms, 1982..	447	496	403	368	158	69	1 058	223
1978..	534	621	532	416	173	103	1 438	262
acres on which used, 1982..	43 931	91 800	65 283	28 180	25 624	2 235	104 339	14 065
1978..	54 123	97 676	74 948	25 675	26 018	3 470	123 705	12 386
Pastureland and rangeland fertilized ----- farms, 1982..	75	30	15	39	42	101	31	10
1978..	108	88	24	43	72	111	57	17
acres on which used, 1982..	3 194	1 203	1 005	1 290	3 444	4 330	715	178
1978..	3 863	3 242	1 483	1 208	6 785	5 585	1 308	287
Lime ----- farms, 1982..	154	193	123	72	75	98	268	56
1978..	283	313	178	153	106	69	462	56
acres on which used, 1982..	6 806	19 819	11 574	2 523	7 455	2 287	15 965	3 739
1978..	15 243	35 282	20 944	7 196	10 037	1 771	34 356	3 198
tons, 1982..	5 807	20 107	12 329	2 502	10 972	1 222	14 559	2 183
1978..	13 702	34 519	19 436	6 636	11 420	1 595	31 185	2 344
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1982..	159	323	326	174	59	6	744	153
1978..	336	314	384	192	63	24	809	150
acres on which used, 1982..	23 196	49 697	48 750	17 723	11 749	(D)	62 543	10 493
1978..	27 230	53 038	50 183	15 363	10 949	574	59 849	6 347
Nematodes in crops ----- farms, 1982..	66	185	211	74	23	-	502	45
1978..	101	251	224	73	12	-	633	72
acres on which used, 1982..	9 824	15 897	15 302	6 639	2 348	-	25 174	2 269
1978..	7 589	21 718	17 758	9 711	2 373	-	27 395	4 591
Diseases in crops and orchards ----- farms, 1982..	6	91	88	18	37	-	165	33
1978..	46	44	31	17	44	5	93	17
acres on which used, 1982..	1 054	3 497	4 978	2 013	10 504	-	8 350	1 471
1978..	1 629	7 168	6 321	331	9 736	61	5 234	1 378
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	257	320	304	234	48	14	681	121
1978..	324	415	301	170	49	66	854	107
acres on which used, 1982..	33 247	78 828	60 634	22 692	12 961	686	75 712	11 833
1978..	39 181	79 872	59 249	13 424	9 269	4 040	89 508	8 298
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	2	83	69	1	1	-	62	6
1978..	6	51	110	6	6	-	116	11
acres on which used, 1982..	(D)	8 908	6 061	(D)	(D)	-	5 376	41
1978..	1 389	2 651	9 413	24	1 978	-	2 481	404

Chemicals used	Counties							
	Greenville	Greenwood	Hampton	Horry	Jasper	Kershaw	Lancaster	Laurens
Commercial fertilizer ----- farms, 1982..	498	178	239	1 388	115	183	328	489
1978..	536	234	335	1 669	159	250	314	497
acres on which used, 1982..	30 443	12 400	77 370	81 803	14 228	25 733	18 169	44 309
1978..	33 941	15 347	80 960	93 007	18 621	23 373	23 607	42 456
Cropland fertilized, except pastureland ----- farms, 1982..	319	85	222	1 372	105	141	221	308
1978..	488	181	326	1 656	154	249	249	431
acres on which used, 1982..	22 518	4 157	76 645	79 040	12 024	20 938	13 150	27 400
1978..	23 646	8 773	79 844	90 877	17 284	18 683	12 489	27 950
Pastureland and rangeland fertilized ----- farms, 1982..	292	125	34	107	12	81	167	298
1978..	256	152	29	149	25	98	190	236
acres on which used, 1982..	7 925	8 243	725	2 763	2 204	4 795	5 019	16 909
1978..	10 295	6 574	1 116	2 130	1 337	4 690	11 118	14 506
Lime ----- farms, 1982..	202	88	68	301	23	53	67	201
1978..	272	109	163	499	54	106	94	224
acres on which used, 1982..	8 829	3 451	6 893	13 026	2 623	5 316	2 015	7 757
1978..	12 267	3 375	23 779	25 871	5 104	6 354	3 201	7 442
tons, 1982..	9 028	3 529	8 552	12 187	3 260	4 427	1 384	7 540
1978..	11 993	3 214	21 637	22 069	5 337	5 688	3 303	7 503
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1982..	88	17	181	915	72	48	20	37
1978..	170	15	213	1 013	89	101	73	40
acres on which used, 1982..	4 238	560	54 619	42 621	8 527	6 917	1 245	4 910
1978..	5 556	186	41 989	42 895	9 494	6 916	3 005	4 119
Nematodes in crops ----- farms, 1982..	2	-	96	668	25	16	-	-
1978..	33	6	78	768	8	1	-	2
acres on which used, 1982..	(D)	-	33 928	26 116	2 564	2 408	-	-
1978..	2 779	33	17 887	29 854	2 975	(D)	-	(D)
Diseases in crops and orchards ----- farms, 1982..	20	14	21	213	1	2	1	1
1978..	79	19	47	137	17	19	10	7
acres on which used, 1982..	242	63	2 637	6 710	(D)	(D)	(D)	(D)
1978..	1 342	38	12 656	4 257	1 427	1 055	914	113
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	150	32	166	718	47	89	74	96
1978..	261	122	163	941	91	121	159	287
acres on which used, 1982..	17 508	3 863	61 806	50 937	6 831	22 678	10 480	11 570
1978..	19 722	6 768	52 300	60 462	14 066	10 731	13 379	21 760
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	12	9	3	138	-	-	1	4
1978..	1	-	6	147	-	-	4	6
acres on which used, 1982..	12	134	700	2 646	-	-	(D)	1 048
1978..	(D)	-	385	2 334	-	48	-	75

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	1982							
	Lee	Lexington	McCormick	Marion	Marlboro	Newberry	Oconee	Orangeburg
Commercial fertilizer ----- farms, 1982..	262	560	61	338	172	433	459	915
1978..	330	714	66	411	242	502	412	1 154
acres on which used, 1982..	97 404	36 399	2 820	46 524	69 982	34 251	15 714	171 462
1978..	115 255	46 138	3 632	47 833	88 068	42 169	23 501	177 901
Cropland fertilized, except pastureland ----- farms, 1982..	262	475	34	322	172	346	287	875
1978..	318	684	48	411	242	433	333	1 142
acres on which used, 1982..	96 490	32 847	1 633	45 036	67 267	25 581	7 312	164 649
1978..	113 805	40 152	1 425	46 824	84 950	30 497	13 140	170 716
Pastureland and rangeland fertilized ----- farms, 1982..	23	175	36	36	24	225	291	188
1978..	37	270	42	31	41	279	232	205
acres on which used, 1982..	914	3 552	1 187	1 488	2 715	8 670	8 402	6 813
1978..	1 450	5 986	2 207	1 009	3 118	11 672	10 361	7 185
Lime ----- farms, 1982..	114	152	20	100	49	161	170	361
1978..	164	312	43	136	112	182	216	544
acres on which used, 1982..	15 573	5 323	405	7 987	4 815	6 220	4 480	33 695
1978..	51 188	15 241	1 162	13 670	26 383	9 126	6 351	55 883
tons, 1982..	12 214	4 386	329	11 271	4 780	5 681	4 449	32 622
1978..	39 071	15 641	1 176	12 946	19 395	8 949	5 996	57 225
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	169	141	3	218	140	48	81	498
1978..	201	183	15	267	159	140	69	704
acres on which used, 1982..	64 780	7 788	(D)	20 174	52 117	2 178	1 479	108 627
1978..	57 160	10 683	529	24 811	49 967	8 652	1 447	92 362
Nematodes in crops ----- farms, 1982..	57	39	1	174	66	13	-	308
1978..	85	5	-	180	90	7	13	361
acres on which used, 1982..	22 810	541	(D)	11 207	18 877	471	-	81 848
1978..	15 780	660	-	11 731	20 227	1 025	292	55 878
Diseases in crops and orchards ----- farms, 1982..	26	66	1	89	26	6	38	88
1978..	18	49	7	25	20	25	103	51
acres on which used, 1982..	4 317	1 767	(D)	3 259	3 558	458	862	14 719
1978..	4 523	1 528	163	1 839	4 094	1 545	2 538	3 882
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	191	227	10	211	99	190	64	564
1978..	205	383	46	248	170	233	114	633
acres on which used, 1982..	83 613	21 645	1 148	44 593	60 988	17 515	3 597	136 006
1978..	90 000	28 356	1 408	38 273	59 797	19 075	8 371	104 644
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	85	15	-	26	65	2	4	30
1978..	94	1	4	35	93	-	22	73
acres on which used, 1982..	31 003	148	-	918	18 258	(D)	60	7 908
1978..	25 028	(D)	402	1 325	23 463	-	46	5 636

Chemicals used	1978							
	Pickens	Richland	Saluda	Spartanburg	Sumter	Union	Williamsburg	York
Commercial fertilizer ----- farms, 1982..	385	261	441	973	391	207	891	391
1978..	332	252	485	889	547	196	1 123	447
acres on which used, 1982..	11 421	28 677	45 949	54 963	79 294	8 348	103 215	32 788
1978..	10 679	33 148	60 895	61 027	116 078	10 882	108 623	39 409
Cropland fertilized, except pastureland ----- farms, 1982..	236	222	305	680	363	91	880	248
1978..	290	232	449	764	540	150	1 118	394
acres on which used, 1982..	5 117	26 264	32 062	36 235	77 847	2 156	101 186	24 615
1978..	4 982	31 256	38 176	43 657	111 523	4 001	106 490	23 823
Pastureland and rangeland fertilized ----- farms, 1982..	218	88	238	493	56	150	74	260
1978..	217	84	250	415	60	138	77	281
acres on which used, 1982..	6 304	2 413	13 887	18 728	1 447	6 192	2 029	8 173
1978..	5 697	1 892	22 719	17 370	4 555	6 881	2 133	15 586
Lime ----- farms, 1982..	162	56	161	258	172	44	163	118
1978..	117	78	234	354	276	72	318	172
acres on which used, 1982..	2 538	6 700	7 857	8 683	15 174	574	11 209	4 411
1978..	2 115	9 580	10 523	19 365	40 807	2 116	27 432	7 745
tons, 1982..	2 490	6 860	8 615	9 495	16 491	522	10 843	4 390
1978..	1 799	10 850	10 613	18 884	36 972	2 284	23 856	7 704
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	78	47	46	218	233	10	655	39
1978..	62	44	118	242	288	20	641	79
acres on which used, 1982..	784	8 302	7 650	13 366	47 322	447	66 035	6 843
1978..	1 755	7 409	6 665	10 339	51 475	324	57 339	6 377
Nematodes in crops ----- farms, 1982..	-	10	5	33	110	-	250	8
1978..	10	2	12	63	153	-	373	12
acres on which used, 1982..	-	491	632	524	17 427	-	21 401	(D)
1978..	10	(D)	666	2 978	21 815	-	23 113	1 063
Diseases in crops and orchards ----- farms, 1982..	36	3	18	137	64	5	134	27
1978..	22	14	18	244	40	6	46	58
acres on which used, 1982..	143	(D)	3 176	8 376	8 157	25	9 276	298
1978..	183	5 198	1 954	10 018	9 480	49	3 778	1 863
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	58	143	156	277	183	26	515	89
1978..	119	166	290	371	331	71	558	164
acres on which used, 1982..	3 001	27 183	21 626	22 934	69 681	2 030	72 595	22 820
1978..	3 437	28 686	27 468	24 921	88 903	2 161	70 708	18 450
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	2	2	14	64	5	28	14
1978..	10	9	15	12	75	-	69	8
acres on which used, 1982..	-	(D)	(D)	(D)	11 923	10	656	3 282
1978..	10	759	1 121	1 338	11 150	-	2 054	1 346