

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text)

Chemicals used	Mississippi	Adams	Alcorn	Amite	Attala	Benton	Bolivar
Commercial fertilizer ----- farms, 1982--	28 008	78	480	512	345	235	409
----- farms, 1978--	30 177	88	461	503	384	263	469
acres on which used, 1982--	4 168 222	17 820	33 954	32 505	31 610	35 446	172 473
----- farms, 1978--	4 419 247	19 545	45 741	43 939	29 614	43 157	192 237
Cropland fertilized, except pastureland ----- farms, 1982--	21 835	59	381	329	257	207	408
----- farms, 1978--	27 509	76	424	460	343	312	469
acres on which used, 1982--	3 586 150	16 029	30 575	17 899	25 155	32 113	171 017
----- farms, 1978--	3 729 680	18 172	39 718	28 066	22 862	37 715	187 191
Pastureland and rangeland fertilized ----- farms, 1982--	10 667	32	159	268	132	49	18
----- farms, 1978--	11 402	29	150	221	130	77	23
acres on which used, 1982--	582 072	1 791	3 379	14 606	6 455	3 333	1 456
----- farms, 1978--	689 567	1 373	6 023	15 873	6 752	5 442	5 046
----- farms, 1982--	7 799	27	167	176	83	51	23
----- farms, 1978--	12 469	56	220	217	164	112	50
acres on which used, 1982--	482 078	1 317	6 162	6 350	2 922	2 028	4 232
----- farms, 1978--	976 291	3 800	9 615	12 595	9 164	7 778	4 831
tons, 1982--	556 879	(D)	7 043	6 223	3 310	3 672	7 217
----- farms, 1978--	1 268 879	3 615	12 704	12 470	9 772	9 375	9 194
pests, dusts, granules, fumigants, etc., to							
Control----- farms, 1982--	6 854	36	63	68	82	80	224
----- farms, 1978--	10 269	41	73	197	111	173	341
acres on which used, 1982--	1 961 825	25 011	4 069	4 688	7 745	8 605	89 847
----- farms, 1978--	2 015 738	25 307	8 208	11 683	7 244	10 204	135 742
Nematodes in crops ----- farms, 1982--	576	1	13	3	-	1	11
----- farms, 1978--	855	5	14	2	-	21	30
acres on which used, 1982--	148 092	(D)	4 860	800	-	(D)	3 155
----- farms, 1978--	136 512	5	90	(D)	-	704	11 925
Diseases in crops and orchards ----- farms, 1982--	1 615	10	-	2	15	10	72
----- farms, 1978--	1 951	1	11	8	-	29	63
acres on which used, 1982--	371 913	5 303	-	(D)	354	152	32 256
----- farms, 1978--	255 436	(D)	148	1 610	-	3 428	15 673
Weeds, grass, or brush in crops and							
pasture ----- farms, 1982--	11 400	39	204	49	108	121	381
----- farms, 1978--	18 128	53	274	263	170	156	402
acres on which used, 1982--	3 891 535	35 905	24 610	6 141	19 973	16 604	308 778
----- farms, 1978--	4 170 007	33 105	30 290	16 774	18 265	27 689	283 504
Chemicals used for defoliation or for growth							
Control of crops or thinning of fruit ----- farms, 1982--	2 615	5	21	7	20	41	115
----- farms, 1978--	4 087	22	9	8	22	27	268
acres on which used, 1982--	896 327	5 355	4 699	(D)	5 416	2 827	40 942
----- farms, 1978--	1 035 624	6 023	194	1 610	2 680	2 169	82 678

  

Chemicals used	Calhoun	Carroll	Chickasaw	Choctaw	Claiborne	Clarke	Clay
Commercial fertilizer ----- farms, 1982--	373	285	403	209	136	283	282
----- farms, 1978--	445	279	453	218	177	331	239
acres on which used, 1982--	63 699	59 056	88 748	16 768	34 843	22 389	57 871
----- farms, 1978--	81 386	58 162	87 403	17 949	42 157	20 970	50 761
Cropland fertilized, except pastureland ----- farms, 1982--	351	237	334	188	107	202	253
----- farms, 1978--	438	251	431	206	148	283	226
acres on which used, 1982--	60 125	36 900	75 634	15 868	22 159	14 973	51 185
----- farms, 1978--	75 659	35 777	75 512	13 391	29 462	12 358	43 224
Pastureland and rangeland fertilized ----- farms, 1982--	68	106	113	48	62	148	83
----- farms, 1978--	106	103	103	68	95	177	62
acres on which used, 1982--	3 574	22 156	13 114	900	12 684	7 416	6 686
----- farms, 1978--	5 727	22 385	11 891	4 558	12 695	8 612	7 537
----- farms, 1982--	95	100	175	40	39	66	69
----- farms, 1978--	247	193	259	104	116	178	101
acres on which used, 1982--	8 266	11 640	15 671	1 036	1 302	2 582	4 759
----- farms, 1978--	25 215	24 368	25 018	5 641	10 419	8 875	9 393
tons, 1982--	9 105	12 414	18 534	1 036	1 302	2 612	4 751
----- farms, 1978--	34 975	26 763	37 635	6 097	12 649	10 148	11 586
pests, dusts, granules, fumigants, etc., to							
Control----- farms, 1982--	150	85	84	28	62	37	28
----- farms, 1978--	132	107	93	56	51	109	65
acres on which used, 1982--	27 353	23 071	6 210	1 741	8 610	430	13 125
----- farms, 1978--	13 657	22 837	13 513	3 384	10 979	4 375	7 673
Nematodes in crops ----- farms, 1982--	28	1	11	-	2	-	-
----- farms, 1978--	68	2	43	1	9	-	5
acres on which used, 1982--	486	(D)	150	-	(D)	-	-
----- farms, 1978--	2 472	(D)	3 102	(D)	209	-	3 000
Diseases in crops and orchards ----- farms, 1982--	5	24	20	14	12	18	9
----- farms, 1978--	53	3	27	-	22	31	1
acres on which used, 1982--	1 120	3 133	864	1 225	3 971	44	2 277
----- farms, 1978--	5 823	675	2 569	-	3 854	433	(D)
Weeds, grass, or brush in crops and							
pasture ----- farms, 1982--	256	168	217	66	64	58	181
----- farms, 1978--	333	235	363	160	123	135	199
acres on which used, 1982--	46 926	42 459	68 759	15 178	17 815	10 918	44 917
----- farms, 1978--	63 256	39 105	62 462	9 390	25 358	9 661	47 977
Chemicals used for defoliation or for growth							
Control of crops or thinning of fruit ----- farms, 1982--	33	52	1	1	17	11	20
----- farms, 1978--	55	54	39	1	9	10	7
acres on which used, 1982--	7 593	11 732	(D)	(D)	3 506	440	1 108
----- farms, 1978--	6 039	8 844	2 698	(D)	4 017	40	1 089

**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	County						
	Coahoma	Copiah	Covington	De Soto	Forrest	Franklin	George
Commercial fertilizer ----- farms, 1982..	248	401	429	362	264	96	323
	1978..	274	434	514	365	125	336
	acres on which used, 1982..	125 699	39 423	32 031	76 682	16 742	11 270
	1978..	131 574	36 310	41 823	71 913	25 767	17 620
Cropland fertilized, except pastureland ----- farms, 1982..	230	274	293	267	189	64	261
	1978..	274	355	412	307	240	372
	acres on which used, 1982..	125 166	25 867	20 516	69 851	13 054	7 136
	1978..	(D)	25 413	31 315	63 251	16 891	13 085
Pastureland and rangeland fertilized ----- farms, 1982..	22	179	202	149	120	53	129
	1978..	2	214	280	164	86	120
	acres on which used, 1982..	711	13 556	11 515	6 831	3 688	4 134
	1978..	(D)	10 897	10 508	8 662	8 876	4 535
Lime ----- farms, 1982..	10	106	143	74	117	30	109
	1978..	77	217	196	161	127	54
	acres on which used, 1982..	3 535	5 083	6 555	11 187	3 171	(D)
	1978..	15 616	9 412	10 498	12 344	6 849	7 937
Sprays, dusts, granules, fumigants, etc., to control----- farms, 1982..	27 215	8 975	9 595	18 546	6 651	8 073	10 069
	1978..	27 215	8 975	9 595	18 546	6 651	10 069
	acres on which used, 1982..	106 919	9 135	5 798	22 803	3 022	(D)
	1978..	110 008	7 815	11 225	46 343	4 498	4 310
Nematodes in crops ----- farms, 1982..	12	-	7	6	5	-	13
	1978..	7	9	10	28	6	22
	acres on which used, 1982..	2 057	(D)	7	(D)	45	4
	1978..	12 588	564	149	7 107	455	240
Diseases in crops and orchards ----- farms, 1982..	73	15	18	25	21	7	25
	1978..	57	48	36	23	63	-
	acres on which used, 1982..	20 380	(D)	2 783	12 700	(D)	-
	1978..	17 197	2 010	2 895	9 063	1 334	7
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	213	70	92	170	80	28	99
	1978..	260	198	221	223	137	23
	acres on which used, 1982..	164 319	18 093	12 148	67 209	9 232	7 186
	1978..	169 762	22 576	21 844	80 814	13 565	7 918
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	173	13	5	34	-	1	4
	1978..	193	77	8	76	2	23
	acres on which used, 1982..	63 145	2 880	(D)	11 453	-	(D)
	1978..	84 428	5 150	285	13 973	(D)	3 072

  

Chemicals used	County						
	Greene	Grenada	Hancock	Harrison	Hinds	Holmes	Humphreys
Commercial fertilizer ----- farms, 1982..	285	187	177	265	607	301	236
	1978..	294	210	148	198	555	416
	acres on which used, 1982..	12 205	34 893	7 263	15 455	89 213	97 273
	1978..	14 808	38 713	14 009	9 890	90 475	107 526
Cropland fertilized, except pastureland ----- farms, 1982..	214	141	92	171	456	275	236
	1978..	254	190	129	191	503	396
	acres on which used, 1982..	7 200	28 739	3 519	11 867	72 437	92 935
	1978..	6 736	29 005	10 460	8 687	64 531	101 982
Pastureland and rangeland fertilized ----- farms, 1982..	140	62	102	142	276	43	2
	1978..	163	95	80	71	253	83
	acres on which used, 1982..	5 005	6 154	3 744	3 588	16 776	4 338
	1978..	8 072	9 708	3 549	1 203	25 944	5 544
Lime ----- farms, 1982..	68	29	58	91	134	82	31
	1978..	108	88	130	84	242	152
	acres on which used, 1982..	1 293	4 196	2 391	1 429	12 422	11 086
	1978..	4 317	6 292	7 590	3 818	32 321	26 772
Sprays, dusts, granules, fumigants, etc., to control----- farms, 1982..	1 305	5 231	4 263	1 390	15 480	14 252	4 767
	1978..	8 145	10 415	5 789	4 226	32 623	32 587
	acres on which used, 1982..	1 695	13 086	1 180	490	40 951	70 169
	1978..	867	14 373	5 141	1 098	24 978	73 791
Nematodes in crops ----- farms, 1982..	4	5	-	9	1	8	13
	1978..	6	5	2	4	5	9
	acres on which used, 1982..	180	95	(D)	14	(D)	1 526
	1978..	703	300	(D)	121	9	3 139
Diseases in crops and orchards ----- farms, 1982..	12	14	9	24	20	14	20
	1978..	36	8	7	40	52	12
	acres on which used, 1982..	128	5 540	311	380	844	4 711
	1978..	509	398	468	215	3 016	3 330
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	53	84	24	33	224	176	130
	1978..	68	156	84	53	310	288
	acres on which used, 1982..	3 110	31 056	2 452	5 191	77 680	92 063
	1978..	5 860	27 585	7 398	3 804	64 139	108 078
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	32	-	4	48	140	117
	1978..	-	58	6	-	78	170
	acres on which used, 1982..	-	6 554	-	4	11 905	51 864
	1978..	-	5 058	1 380	-	15 544	50 860

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Issaquena	Itawamba	Jackson	Jasper	Jefferson	Jefferson Davis	Jones
Commercial fertilizer ----- farms, 1982..	87	412	172	371	166	385	591
1978..	50	458	183	469	172	401	681
acres on which used, 1982..	31 226	36 595	9 971	26 369	26 112	25 211	32 528
1978..	20 298	38 815	14 260	23 045	36 215	25 897	38 120
Nonland fertilized, except pastureland ----- farms, 1982..	79	330	106	249	84	283	351
1978..	50	433	177	435	146	366	565
acres on which used, 1982..	31 150	31 083	8 502	9 442	22 215	15 029	15 370
1978..	(D)	33 054	12 378	9 599	31 145	15 129	20 082
Pastureland and rangeland fertilized ----- farms, 1982..	8	140	109	200	91	153	354
1978..	1	148	69	216	74	241	362
acres on which used, 1982..	76	5 512	1 469	16 927	3 879	10 182	17 158
1978..	(D)	5 761	1 882	13 446	5 070	10 768	18 036
----- farms, 1982..	-	152	69	121	76	147	184
1978..	8	176	88	211	96	170	296
acres on which used, 1982..	-	6 779	1 910	4 645	4 034	7 721	13 466
1978..	1 816	10 995	6 210	7 037	7 794	5 103	13 789
tons, 1982..	-	8 052	2 082	4 689	4 271	6 779	11 922
1978..	3 098	11 221	6 344	5 147	7 401	4 946	14 263
----- farms, 1982..	79	95	10	21	51	48	61
1978..	70	87	66	99	29	70	151
acres on which used, 1982..	62 372	9 998	2 420	2 653	15 872	2 473	2 352
1978..	30 514	11 001	7 677	2 483	3 766	3 098	4 660
Nematodes in crops ----- farms, 1982..	1	7	-	1	8	6	-
1978..	11	18	10	-	4	22	1
acres on which used, 1982..	(D)	490	-	(D)	757	660	-
1978..	568	1 302	10	-	1 689	438	(D)
Diseases in crops and orchards ----- farms, 1982..	5	1	3	12	9	13	38
1978..	7	21	2	86	9	21	39
acres on which used, 1982..	6 727	(D)	(D)	632	1 890	(D)	767
1978..	4 471	285	(D)	454	3 702	264	592
----- farms, 1982..	85	214	41	56	46	67	140
1978..	111	224	115	167	99	251	359
acres on which used, 1982..	69 950	34 069	5 108	5 010	29 610	7 022	11 924
1978..	78 474	24 041	8 162	6 075	29 137	12 509	18 125
----- farms, 1982..	39	27	-	1	1	6	4
1978..	59	1	-	1	13	-	14
acres on which used, 1982..	24 377	1 755	-	(D)	(D)	450	212
1978..	21 374	(D)	-	(D)	998	-	131

  

Chemicals used	Kemper	Lafayette	Lamar	Lauderdale	Lawrence	Leake	Lee	Leflore
Commercial fertilizer ----- farms, 1982..	384	287	319	424	253	460	462	241
1978..	372	305	319	361	292	551	464	301
acres on which used, 1982..	40 631	32 042	20 910	18 112	21 102	27 853	57 947	135 205
1978..	33 384	29 382	24 071	15 725	32 426	43 570	73 421	163 050
Nonland fertilized, except pastureland ----- farms, 1982..	279	227	198	251	172	344	378	241
1978..	356	277	273	292	278	485	421	294
acres on which used, 1982..	29 124	28 700	10 996	8 157	13 062	24 214	45 634	(D)
1978..	27 377	26 884	14 333	7 211	17 929	30 512	63 021	160 466
Pastureland and rangeland fertilized ----- farms, 1982..	199	83	187	254	163	159	202	2
1978..	142	84	189	217	159	235	187	14
acres on which used, 1982..	11 507	3 342	9 914	9 955	8 040	3 639	12 313	(D)
1978..	6 007	2 498	9 738	8 514	14 497	13 058	10 400	2 584
----- farms, 1982..	132	68	140	131	76	95	189	27
1978..	170	94	165	165	158	263	223	104
acres on which used, 1982..	14 103	5 785	6 488	3 214	3 038	2 284	13 457	5 075
1978..	9 059	5 460	7 857	4 309	7 041	17 514	19 847	27 487
tons, 1982..	13 949	6 261	7 109	3 052	3 439	2 196	12 247	6 984
1978..	10 326	7 870	8 531	4 109	8 276	23 145	19 397	44 035
----- farms, 1982..	43	73	30	23	12	84	51	223
1978..	118	110	103	83	70	187	44	237
acres on which used, 1982..	7 662	8 902	2 785	1 158	1 686	7 507	6 789	149 140
1978..	5 229	10 726	3 575	2 147	5 371	7 313	8 728	152 123
Nematodes in crops ----- farms, 1982..	2	-	-	4	-	24	21	5
1978..	-	1	21	5	7	1	16	9
acres on which used, 1982..	-	-	-	400	-	1 270	1 430	3 011
1978..	(D)	(D)	529	5	35	(D)	4 793	4 660
Diseases in crops and orchards ----- farms, 1982..	6	8	16	17	2	27	8	41
1978..	13	15	29	36	25	12	7	34
acres on which used, 1982..	(D)	905	2 490	494	(D)	320	2 587	16 003
1978..	241	389	1 200	1 083	686	1 203	206	11 848
----- farms, 1982..	80	144	35	90	48	143	265	190
1978..	126	201	113	124	135	288	427	243
acres on which used, 1982..	24 555	25 337	6 969	4 611	9 827	20 235	44 958	177 900
1978..	19 158	21 595	11 876	2 522	16 033	27 760	76 646	196 035
----- farms, 1982..	2	32	-	3	1	10	5	141
1978..	7	54	13	6	1	48	5	212
acres on which used, 1982..	(D)	2 739	-	(D)	(D)	660	275	77 615
1978..	1 300	4 865	354	946	(D)	3 369	130	86 590

**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	County							
	Lincoln	Lowndes	Madison	Marion	Marshall	Monroe	Montgomery	Neshoba
Commercial fertilizer ----- farms, 1982..	440	294	372	538	450	515	209	
	1978..	403	353	437	510	508	322	
	acres on which used, 1982..	38 993	73 518	96 086	30 342	67 605	86 693	28 197
	1978..	31 954	97 765	111 665	27 990	77 886	107 603	27 398
Cropland fertilized, except pastureland ----- farms, 1982..	293	258	287	367	367	458	176	
	1978..	342	343	373	452	472	540	
	acres on which used, 1982..	25 936	67 452	85 816	17 335	59 232	76 530	24 988
	1978..	17 087	85 760	95 293	16 483	61 639	96 835	20 068
Pastureland and rangeland fertilized ----- farms, 1982..	203	73	137	286	141	167	60	
	1978..	256	74	176	263	148	92	
	acres on which used, 1982..	13 057	6 066	10 270	13 007	8 373	10 163	3 209
	1978..	14 867	12 005	16 372	11 507	16 247	10 768	7 330
Lime ----- farms, 1982..	107	55	146	153	112	147	53	
	1978..	171	106	146	234	193	242	106
	acres on which used, 1982..	6 232	1 084	18 232	6 057	8 363	8 990	4 118
	1978..	8 106	16 710	30 091	13 704	16 201	21 011	6 998
Sprays, dusts, granules, fumigants, etc., to control—								
	tons, 1982..	6 532	1 371	18 681	7 133	12 815	12 653	5 099
	1978..	7 771	26 948	35 096	15 865	21 724	30 159	9 726
Insects on hay and other crops ----- farms, 1982..	21	60	146	52	121	81	41	
	1978..	107	124	166	223	228	207	166
	acres on which used, 1982..	3 782	5 647	59 246	2 918	21 348	17 565	8 397
	1978..	5 239	15 008	60 605	9 097	22 740	35 600	11 489
Nematodes in crops ----- farms, 1982..	6	2	2	5	9	8	2	
	1978..	5	14	3	19	2	16	31
	acres on which used, 1982..	6	(D)	(D)	175	1 864	240	(D)
	1978..	15	2 558	1 700	480	(D)	2 558	1 078
Diseases in crops and orchards ----- farms, 1982..	15	40	25	9	50	21	1	
	1978..	5	30	34	26	29	18	11
	acres on which used, 1982..	(D)	7 312	13 418	124	1 030	2 647	(D)
	1978..	5	932	14 185	78	1 272	7 373	968
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	121	186	161	97	164	326	85	
	1978..	188	221	287	206	260	390	164
	acres on which used, 1982..	22 864	57 312	61 440	10 406	45 092	87 054	24 813
	1978..	11 505	63 840	83 454	7 316	42 704	86 373	13 943
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	7	10	47	-	47	15	22	
	1978..	43	17	72	-	80	69	19
	acres on which used, 1982..	(D)	1 682	25 221	-	8 653	3 236	8 458
	1978..	1 878	2 018	22 101	-	5 088	5 415	1 493

  

Chemicals used	County							
	Newton	Noxubee	Oktibbeha	Panola	Pearl River	Perry	Pike	Porto
Commercial fertilizer ----- farms, 1982..	474	380	250	443	560	191	445	
	1978..	516	391	225	522	477	366	
	acres on which used, 1982..	34 366	128 688	36 894	108 162	43 902	11 599	34 158
	1978..	33 340	122 027	30 460	115 836	40 842	13 348	37 641
Cropland fertilized, except pastureland ----- farms, 1982..	362	327	212	349	343	136	327	
	1978..	457	378	198	461	377	184	340
	acres on which used, 1982..	21 470	113 827	30 678	100 604	28 298	8 535	24 238
	1978..	22 092	106 414	21 377	102 468	19 996	9 192	25 453
Pastureland and rangeland fertilized ----- farms, 1982..	287	124	91	147	310	98	189	
	1978..	285	138	90	137	321	98	211
	acres on which used, 1982..	12 896	14 861	6 216	7 558	15 604	3 064	9 920
	1978..	11 248	15 613	9 083	13 368	20 846	4 156	12 188
Lime ----- farms, 1982..	169	128	58	113	210	63	192	
	1978..	163	207	97	139	273	118	170
	acres on which used, 1982..	6 109	9 432	3 823	11 890	10 224	2 158	6 871
	1978..	9 980	23 275	4 874	15 840	11 352	6 174	8 426
Sprays, dusts, granules, fumigants, etc., to control—								
	tons, 1982..	6 482	11 104	4 765	14 644	10 518	2 122	9 974
	1978..	11 556	30 089	6 879	21 801	12 999	6 129	9 379
Insects on hay and other crops ----- farms, 1982..	20	60	51	167	94	17	68	
	1978..	83	100	78	190	160	70	99
	acres on which used, 1982..	7 427	25 590	4 467	41 490	13 065	4 194	6 218
	1978..	7 038	24 450	7 609	50 019	7 289	4 047	3 684
Nematodes in crops ----- farms, 1982..	3	1	11	5	2	-	18	
	1978..	-	-	-	27	6	2	21
	acres on which used, 1982..	(D)	(D)	11	3 943	(D)	-	1 037
	1978..	-	-	-	4 606	70	(D)	1 088
Diseases in crops and orchards ----- farms, 1982..	1	31	44	31	47	1	39	
	1978..	9	46	26	23	74	12	3
	acres on which used, 1982..	(D)	4 728	3 440	13 802	3 834	(D)	3 501
	1978..	186	13 820	374	5 854	2 784	216	260
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	69	226	109	250	115	29	120	
	1978..	244	306	136	375	258	90	221
	acres on which used, 1982..	10 668	96 784	27 423	112 667	16 996	6 178	14 505
	1978..	14 570	99 049	22 948	111 059	13 574	5 411	23 676
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1	6	10	102	5	-	2	
	1978..	3	28	3	75	2	6	-
	acres on which used, 1982..	(D)	1 779	383	28 058	1 640	-	(D)
	1978..	421	3 125	340	13 834	(D)	162	-

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	Prentiss	Quitman	Rankin	Scott	Sharkey	Simpson	Smith	Stone
Commercial fertilizer ----- farms, 1982..	445	278	418	465	99	463	486	206
1978..	474	267	450	509	98	526	571	218
acres on which used, 1982..	52 254	88 158	37 837	35 298	73 718	39 693	31 969	9 955
1978..	64 438	74 314	39 488	31 157	59 119	35 036	27 043	14 780
Cropland fertilized, except pastureland ----- farms, 1982..	404	278	289	308	97	379	292	164
1978..	468	267	404	455	98	471	519	174
acres on which used, 1982..	48 955	(D)	28 213	21 952	73 453	33 331	19 985	5 714
1978..	60 408	73 623	30 382	23 900	58 439	22 328	15 335	9 412
Pastureland and rangeland fertilized ----- farms, 1982..	96	2	201	248	4	162	240	108
1978..	99	6	201	191	3	281	324	147
acres on which used, 1982..	3 299	(D)	9 624	13 346	265	6 362	11 984	4 241
1978..	4 028	691	9 108	7 257	680	12 708	11 708	5 368
----- farms, 1982..	159	45	131	69	1	136	151	57
1978..	111	57	203	127	30	174	200	115
acres on which used, 1982..	8 999	3 706	6 740	7 514	(D)	7 976	5 428	1 507
1978..	6 912	15 343	11 700	6 665	6 501	7 322	6 709	5 873
tons, 1982..	11 453	6 563	6 931	7 185	(D)	8 032	5 840	1 618
1978..	8 256	28 186	13 301	6 713	9 352	6 914	5 777	6 981
----- sprays, dusts, granules, fumigants, etc., to control-----								
Insects on hay and other crops ----- farms, 1982..	127	162	81	52	119	78	45	45
1978..	76	227	115	101	99	150	100	67
acres on which used, 1982..	10 359	72 005	17 790	4 027	99 679	4 758	4 586	7 159
1978..	10 628	66 937	10 076	7 398	54 256	4 140	3 220	4 932
Nematodes in crops ----- farms, 1982..	25	7	15	8	11	13	-	-
1978..	6	36	15	2	9	-	-	7
acres on which used, 1982..	148	2 103	3 589	214	14 411	10 400	-	-
1978..	1 620	6 843	1 544	(D)	7 072	-	-	26
Diseases in crops and orchards ----- farms, 1982..	26	53	12	7	24	28	21	22
1978..	-	26	30	29	10	37	26	59
acres on which used, 1982..	748	18 732	1 752	372	29 335	2 936	1 262	506
1978..	-	4 406	3 088	3 530	8 087	1 314	1 148	1 520
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	335	193	136	109	122	97	101	62
1978..	290	246	310	233	146	179	283	87
acres on which used, 1982..	49 576	110 060	21 911	14 540	132 335	21 352	13 244	18 127
1978..	43 009	131 236	30 151	21 233	152 729	20 155	14 246	6 853
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	50	97	20	15	52	8	3	1
1978..	15	188	37	49	93	3	1	4
acres on which used, 1982..	1 313	28 787	4 168	4 227	31 644	(D)	(D)	(D)
1978..	349	39 917	3 500	6 760	40 427	166	(D)	4
Chemicals used	Sunflower	Tallahatchie	Tate	Tippah	Tishomingo	Tunica	Union	Walthall
Commercial fertilizer ----- farms, 1982..	352	282	384	454	290	112	557	587
1978..	437	373	364	536	317	138	589	642
acres on which used, 1982..	169 004	113 296	58 662	38 125	18 162	80 178	57 461	50 601
1978..	204 126	122 368	47 771	41 226	24 173	61 769	60 871	51 438
Cropland fertilized, except pastureland ----- farms, 1982..	340	253	322	417	238	112	498	433
1978..	436	362	360	531	298	125	578	564
acres on which used, 1982..	166 854	110 489	50 616	35 280	13 185	(D)	51 073	31 345
1978..	200 759	118 627	44 163	35 846	21 959	57 092	53 889	30 197
Pastureland and rangeland fertilized ----- farms, 1982..	32	60	140	138	100	1	152	305
1978..	27	66	76	122	106	24	159	385
acres on which used, 1982..	2 150	2 807	8 046	2 845	4 977	(D)	6 388	19 256
1978..	3 367	3 741	3 608	5 380	2 214	4 677	6 982	21 241
----- farms, 1982..	25	73	122	92	105	5	146	214
1978..	161	119	110	178	106	28	263	326
acres on which used, 1982..	5 904	15 203	6 439	7 286	3 723	1 043	7 344	10 066
1978..	37 119	21 634	8 313	10 588	4 297	5 087	15 290	20 580
tons, 1982..	8 586	18 942	7 758	7 203	3 642	1 946	8 697	10 637
1978..	66 341	39 216	10 727	15 302	6 143	9 151	20 425	20 595
----- sprays, dusts, granules, fumigants, etc., to control-----								
Insects on hay and other crops ----- farms, 1982..	249	197	162	89	28	73	150	57
1978..	318	250	146	131	35	69	176	125
acres on which used, 1982..	116 525	100 849	16 457	5 289	2 251	53 035	14 626	5 928
1978..	154 110	119 241	14 800	9 276	4 469	44 980	15 575	10 486
Nematodes in crops ----- farms, 1982..	24	9	7	6	24	3	22	9
1978..	19	4	19	16	15	7	21	2
acres on which used, 1982..	7 543	10 324	3 003	120	680	(D)	1 886	604
1978..	6 326	5 200	2 387	2 981	2 280	954	540	(D)
Diseases in crops and orchards ----- farms, 1982..	40	31	33	3	1	27	12	34
1978..	25	15	-	17	21	11	10	31
acres on which used, 1982..	19 462	15 942	4 252	1 436	(D)	13 100	(D)	4 437
1978..	17 294	4 830	-	1 895	910	12 874	565	548
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	275	220	190	287	131	141	361	98
1978..	371	253	324	334	183	144	416	309
acres on which used, 1982..	197 804	146 553	49 600	36 408	8 693	155 945	41 936	21 455
1978..	239 102	137 569	47 672	29 525	18 156	156 891	43 387	18 437
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	160	127	113	21	6	48	36	3
1978..	331	196	69	20	20	79	2	16
acres on which used, 1982..	70 659	60 361	13 411	2 369	60	37 644	4 723	(D)
1978..	127 684	76 107	4 637	901	2 160	34 181	(D)	1 507

**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	Warren	Washington	Wayne	Webster	Wilkinson	Winston	Yalobusha	Yazoo
Commercial fertilizer ----- farms, 1982..	119	306	285	264	106	564	183	323
1978..	112	319	284	298	158	529	224	429
acres on which used, 1982..	24 615	169 535	12 393	23 637	22 072	23 869	28 568	124 090
1978..	19 901	141 349	15 470	28 083	25 360	27 002	23 015	131 887
Cropland fertilized, except pastureland ----- farms, 1982..	82	306	165	230	59	416	167	291
1978..	104	310	251	260	128	472	202	370
acres on which used, 1982..	20 500	168 086	5 340	20 775	18 007	16 681	26 531	116 938
1978..	18 060	139 666	9 007	23 024	18 923	14 211	19 131	121 177
Pastureland and rangeland fertilized ----- farms, 1982..	44	20	186	83	55	205	40	66
1978..	25	24	140	135	89	231	86	109
acres on which used, 1982..	4 115	1 449	7 053	2 862	4 065	7 188	2 037	7 152
1978..	1 841	1 683	6 463	5 059	6 437	12 791	3 884	10 799
Lime ----- farms, 1982..	34	12	76	113	41	90	30	71
1978..	34	37	105	165	93	216	82	187
acres on which used, 1982..	1 299	3 079	2 540	4 133	2 949	2 787	1 627	11 228
1978..	2 335	7 702	2 669	9 621	6 605	7 008	6 246	31 132
tons, 1982..	1 595	4 436	3 123	5 248	2 550	2 966	2 166	13 684
1978..	2 645	11 766	3 674	13 784	6 827	7 220	7 784	40 905
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1982..	50	275	35	80	24	57	56	253
1978..	48	227	80	92	63	181	72	263
acres on which used, 1982..	27 214	148 520	724	8 824	10 786	2 001	11 276	114 396
1978..	16 243	132 430	1 567	10 103	7 799	4 154	9 597	87 813
Nematodes in crops ----- farms, 1982..	1	12	2	24	-	1	10	8
1978..	4	10	12	16	-	10	-	10
acres on which used, 1982..	(D)	13 552	(D)	1 761	-	(D)	233	5 716
1978..	520	5 532	12	444	-	413	-	4 015
Diseases in crops and orchards ----- farms, 1982..	10	60	8	21	2	1	22	21
1978..	2	45	22	-	8	51	21	21
acres on which used, 1982..	2 814	26 179	49	(D)	(D)	(D)	2 898	10 874
1978..	(D)	18 437	91	-	652	743	154	5 885
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	89	303	48	77	44	88	99	249
1978..	95	377	117	172	121	257	200	317
acres on which used, 1982..	32 524	226 370	4 020	17 978	14 949	9 211	17 043	139 647
1978..	31 502	244 660	10 225	15 896	19 918	8 402	21 420	162 467
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	13	155	-	37	1	1	30	144
1978..	32	208	-	36	6	38	48	276
acres on which used, 1982..	12 025	65 585	-	5 767	(D)	(D)	5 564	71 713
1978..	8 546	79 111	-	1 996	76	704	4 656	68 190