

**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	Arkansas		Ashley	Baxter	Benton	Boone	Bradley	
	Arkansas	Arkansas						
Commercial fertilizer ----- farms, 1982..	24 392	602	258	185	746	530	222	
	1978..	30 350	661	313	1 036	642	286	
	acres on which used, 1982..	4 978 438	309 398	78 790	8 894	49 867	32 704	5 499
	1978..	5 239 237	334 953	91 619	14 391	68 757	46 768	8 278
Cropland fertilized, except pastureland ----- farms, 1982..	18 956	597	201	135	487	329	175	
	1978..	26 860	659	286	168	831	493	281
	acres on which used, 1982..	4 507 553	309 149	75 713	4 931	25 555	10 380	3 428
	1978..	4 520 633	333 013	88 976	6 621	31 211	17 170	4 664
Pastureland and rangeland fertilized ----- farms, 1982..	8 022	7	65	78	427	298	80	
	1978..	11 642	20	56	169	601	395	67
	acres on which used, 1982..	470 885	249	3 077	3 963	24 312	22 324	2 071
	1978..	718 604	1 940	2 643	7 770	37 546	29 598	3 414
Lime ----- farms, 1982..	3 169	54	26	20	138	95	28	
	1978..	6 007	59	48	75	214	84	
	acres on which used, 1982..	169 641	5 560	1 410	1 195	6 183	1 603	297
	1978..	306 295	6 611	3 138	1 760	7 165	4 531	1 093
Sprays, dusts, granules, fumigants, etc., to control----- farms, 1982..	5 031	143	108	17	106	47	107	
	1978..	7 638	285	121	1	96	37	
	acres on which used, 1982..	1 323 116	49 166	59 816	80	3 379	1 298	1 826
	1978..	1 793 255	103 609	50 221	(D)	4 017	532	1 319
Nematodes in crops ----- farms, 1982..	627	34	22	-	13	-	9	
	1978..	1 719	179	15	-	10	32	
	acres on which used, 1982..	157 926	11 306	7 370	-	13	-	
	1978..	330 790	51 309	6 853	-	375	-	
Diseases in crops and orchards ----- farms, 1982..	1 543	103	17	8	71	30	89	
	1978..	2 119	81	24	18	152	11	
	acres on which used, 1982..	308 568	23 916	7 600	8	3 463	252	1 146
	1978..	237 304	18 728	6 823	783	4 453	207	664
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	12 306	474	129	22	129	127	40	
	1978..	17 237	490	156	57	337	258	
	acres on which used, 1982..	4 921 998	255 718	81 549	1 582	9 587	4 826	1 662
	1978..	4 919 101	248 940	74 921	1 649	6 333	3 380	1 820
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1 779	2	68	-	19	7	-	
	1978..	3 231	27	87	5	4	6	
	acres on which used, 1982..	408 445	(D)	26 749	-	133	168	
	1978..	592 855	3 192	33 162	10	174	35	

  

Chemicals used	Calhoun		Chicot	Clark	Clay	Clebume	Cleveland	
	Calhoun	Carroll						
Commercial fertilizer ----- farms, 1982..	87	486	300	253	624	260	135	
	1978..	122	523	277	338	728	334	
	acres on which used, 1982..	3 474	30 103	127 991	24 337	186 235	11 051	3 546
	1978..	5 932	41 246	95 592	42 229	170 496	25 718	8 532
Cropland fertilized, except pastureland ----- farms, 1982..	64	378	300	197	611	136	106	
	1978..	109	471	263	276	711	274	
	acres on which used, 1982..	1 760	13 828	124 490	20 900	183 736	5 986	1 831
	1978..	3 252	19 399	88 815	33 154	167 250	14 380	4 174
Pastureland and rangeland fertilized ----- farms, 1982..	36	241	22	84	28	161	57	
	1978..	61	285	50	184	75	184	
	acres on which used, 1982..	1 714	16 275	3 501	3 437	2 499	5 065	1 715
	1978..	2 680	21 847	6 777	9 075	3 246	11 338	4 358
Lime ----- farms, 1982..	4	145	12	12	150	48	39	
	1978..	45	165	42	65	199	118	
	acres on which used, 1982..	42	6 878	1 190	1 170	9 724	1 076	287
	1978..	748	5 009	6 978	4 997	12 997	5 056	641
Sprays, dusts, granules, fumigants, etc., to control----- farms, 1982..	75	10 629	2 000	2 130	19 754	1 675	512	
	1978..	1 576	7 780	11 544	10 215	28 347	7 914	837
	acres on which used, 1982..	26	83	176	61	230	92	
	1978..	875	1 506	78 180	4 370	32 837	283	
Nematodes in crops ----- farms, 1982..	2	-	2	-	1	-	-	
	1978..	-	1	7	7	15	-	
	acres on which used, 1982..	(D)	-	(D)	-	(D)	-	
	1978..	-	(D)	5 475	31	1 363	(D)	
Diseases in crops and orchards ----- farms, 1982..	1	8	33	22	17	7	26	
	1978..	28	46	13	15	37	20	
	acres on which used, 1982..	74	68	16 309	(D)	4 669	70	
	1978..	268	1 647	8 192	411	1 837	169	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	15	112	257	84	550	104	22	
	1978..	30	174	266	119	567	140	
	acres on which used, 1982..	575	4 879	184 306	28 733	208 292	6 138	1 450
	1978..	406	5 559	170 414	22 469	167 102	10 454	1 368
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	6	99	-	49	-	6	
	1978..	-	-	112	7	83	19	
	acres on which used, 1982..	-	12	34 822	-	4 617	-	
	1978..	-	-	27 902	139	6 669	89	

**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	Columbia	Conway	Craighead	Crawford	Crittenden	Cross	Dallas
Commercial fertilizer ----- farms, 1982..	242	362	822	269	239	378	61
1978..	343	345	1 037	432	240	489	99
acres on which used, 1982..	12 462	30 215	224 470	18 886	165 830	183 231	3 461
1978..	12 436	23 642	245 577	25 092	93 148	184 873	7 458
Cropland fertilized, except pastureland ----- farms, 1982..	184	233	785	176	239	378	36
1978..	302	300	1 007	337	240	483	88
acres on which used, 1982..	4 129	21 010	222 453	10 207	(D)	178 052	1 849
1978..	7 081	13 380	241 268	15 809	91 658	183 442	5 312
Pastureland and rangeland fertilized ----- farms, 1982..	119	190	63	123	1	18	40
1978..	177	174	87	234	5	12	47
acres on which used, 1982..	8 333	9 205	2 017	8 679	(D)	5 179	1 612
1978..	5 355	10 262	4 309	9 283	1 490	1 431	2 146
Lime ----- farms, 1982..	21	77	131	42	10	2	6
1978..	31	106	136	87	31	43	18
acres on which used, 1982..	1 258	4 045	11 004	3 072	1 848	(D)	320
1978..	410	2 460	7 742	3 066	6 703	3 805	571
tons, 1982..	3 079	6 692	20 083	2 424	3 966	(D)	640
1978..	477	3 131	14 804	7 247	12 719	6 369	1 057
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	24	21	215	67	64	151	8
1978..	94	30	341	92	134	196	14
acres on which used, 1982..	250	394	52 932	3 012	57 847	44 927	1 238
1978..	2 200	4 006	68 912	5 573	79 017	74 924	2 025
Nematodes in crops ----- farms, 1982..	1	-	83	12	15	40	2
1978..	-	20	189	18	20	107	5
acres on which used, 1982..	(D)	-	17 845	942	6 145	14 616	(D)
1978..	-	723	29 429	994	660	29 153	150
Diseases in crops and orchards ----- farms, 1982..	1	1	12	5	21	70	-
1978..	3	-	28	61	32	65	4
acres on which used, 1982..	(D)	(D)	5 931	(D)	19 171	23 165	-
1978..	34	-	4 782	1 037	10 117	11 370	37
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	66	88	615	60	248	320	12
1978..	105	243	773	154	257	391	44
acres on which used, 1982..	6 649	15 248	188 149	13 805	275 057	180 620	1 131
1978..	4 958	25 414	204 416	18 075	236 121	202 377	4 023
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	1	139	9	29	8	-
1978..	-	28	256	1	104	33	2
acres on which used, 1982..	-	(D)	22 661	150	15 657	9 839	-
1978..	-	1 143	31 739	(D)	25 542	6 147	(D)
Chemicals used	Desha	Drew	Faulkner	Franklin	Fulton	Garland	Grant
Commercial fertilizer ----- farms, 1982..	308	260	679	255	413	95	173
1978..	335	331	707	364	374	134	157
acres on which used, 1982..	123 478	56 643	65 385	13 609	20 987	2 083	6 933
1978..	107 996	55 566	68 883	26 730	28 804	4 369	5 253
Cropland fertilized, except pastureland ----- farms, 1982..	298	202	478	160	189	61	108
1978..	335	282	614	288	270	126	138
acres on which used, 1982..	119 761	52 651	48 945	8 845	5 002	1 271	2 168
1978..	107 129	48 374	44 267	10 784	6 912	1 640	2 727
Pastureland and rangeland fertilized ----- farms, 1982..	49	109	299	123	266	35	81
1978..	12	163	393	228	296	72	70
acres on which used, 1982..	3 717	3 992	16 440	4 764	15 985	812	4 765
1978..	867	7 192	24 616	15 946	21 892	2 729	2 526
Lime ----- farms, 1982..	37	3	80	51	92	37	27
1978..	72	78	234	83	109	31	46
acres on which used, 1982..	5 863	355	1 714	1 145	3 680	895	333
1978..	6 240	4 211	10 343	1 515	2 529	752	1 230
tons, 1982..	9 764	550	3 049	1 787	7 721	1 930	655
1978..	8 244	8 741	17 234	2 747	5 341	831	1 834
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	193	92	48	23	38	2	9
1978..	297	87	84	46	53	5	36
acres on which used, 1982..	84 223	26 016	1 090	703	516	(D)	238
1978..	79 820	23 208	5 354	1 174	1 372	161	312
Nematodes in crops ----- farms, 1982..	4	16	13	1	-	-	-
1978..	30	19	19	6	12	-	-
acres on which used, 1982..	1 028	1 920	1 992	(D)	-	-	-
1978..	2 546	991	1 114	130	287	-	-
Diseases in crops and orchards ----- farms, 1982..	7	12	7	26	-	-	-
1978..	22	52	8	49	1	1	10
acres on which used, 1982..	7 513	57	181	848	-	(D)	-
1978..	11 296	5 188	1 097	1 003	(D)	(D)	10
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	263	144	234	62	75	15	23
1978..	330	168	417	153	151	79	61
acres on which used, 1982..	159 536	65 111	32 954	13 386	5 381	423	1 140
1978..	139 160	57 369	41 988	10 043	7 424	2 467	2 851
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	96	39	-	-	-	-	-
1978..	192	83	22	-	-	5	20
acres on which used, 1982..	27 630	13 875	-	-	-	-	-
1978..	42 831	12 783	153	-	-	47	96

**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			Greene	Hempstead	Hot Spring	Howard	Independence	Izard	Jackson	Jefferson
Commercial fertilizer ----- farms, 1982..		615	153	235	197	338	328	345	323	
		1978..	691	436	283	292	368	415	415	
	acres on which used, 1982..	124 883	28 507	4 709	7 180	51 700	20 150	182 291	155 907	
	1978..	125 906	48 223	16 376	19 884	60 806	21 073	173 017	185 347	
Cropland fertilized, except pastureland ----- farms, 1982..		563	121	119	123	223	159	316	288	
		1978..	642	358	243	232	434	237	410	
	acres on which used, 1982..	120 185	23 080	1 687	4 095	41 378	5 261	174 323	153 677	
	1978..	121 026	32 220	9 918	8 879	37 559	4 873	170 615	179 152	
Pastureland and rangeland fertilized ----- farms, 1982..		99	44	128	100	187	242	55	64	
		1978..	126	250	138	170	353	272	32	
	acres on which used, 1982..	4 698	5 427	3 022	3 085	10 322	14 889	7 968	2 230	
	1978..	4 880	16 003	6 458	11 005	23 247	16 200	2 402	6 195	
Lime ----- farms, 1982..		131	5	25	7	49	60	18	22	
		1978..	189	54	68	22	102	76	88	
	acres on which used, 1982..	5 152	493	370	460	1 719	1 351	2 340	1 012	
	1978..	8 087	3 451	1 276	775	5 378	2 049	9 416	4 708	
Sprays, dusts, granules, fumigants, etc., to control—										
	Insects on hay and other crops ----- farms, 1982..	162	35	50	4	40	4	75	164	
		1978..	196	56	36	89	56	9	129	
	acres on which used, 1982..	28 528	10 087	457	78	9 200	300	56 711	90 033	
Nematodes in crops ----- farms, 1982..		13	2	-	-	1	-	7	18	
		1978..	19	2	10	11	22	-	52	
	acres on which used, 1982..	2 912	(D)	-	-	(D)	-	6 437	4 604	
	1978..	1 370	(D)	20	12	4 303	-	15 888	5 082	
Diseases in crops and orchards ----- farms, 1982..		30	13	26	2	7	-	32	17	
		1978..	31	20	18	73	40	-	21	
	acres on which used, 1982..	1 781	904	263	(D)	1 086	-	17 924	5 534	
	1978..	2 923	427	24	3 800	1 646	-	4 808	11 320	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..		460	149	59	110	181	27	275	223	
		1978..	494	299	91	99	257	178	370	
	acres on which used, 1982..	113 740	27 151	6 005	9 554	47 272	2 034	221 293	166 851	
	1978..	113 267	37 611	6 667	8 656	45 189	6 169	217 356	158 923	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..		48	11	-	1	14	-	11	101	
		1978..	96	2	-	6	6	-	30	
	acres on which used, 1982..	4 604	4 438	-	(D)	3 432	-	3 660	31 086	
	1978..	8 555	(D)	-	43	226	-	5 102	72 706	
Chemicals used		Johnson	Lafayette	Lawrence	Lee	Lincoln	Little River	Logan	Lonoke	
Commercial fertilizer ----- farms, 1982..		245	154	549	372	286	192	397	693	
		1978..	413	156	587	494	320	237	780	
	acres on which used, 1982..	14 543	48 368	125 965	168 905	87 971	33 582	27 034	231 058	
	1978..	22 445	38 661	143 661	166 747	88 201	31 343	39 275	252 171	
Cropland fertilized, except pastureland ----- farms, 1982..		140	97	461	367	260	153	247	633	
		1978..	304	128	548	493	305	222	449	
	acres on which used, 1982..	7 703	41 037	112 279	167 888	86 766	24 800	15 963	225 774	
	1978..	11 034	31 745	133 423	163 097	81 357	18 445	20 706	242 678	
Pastureland and rangeland fertilized ----- farms, 1982..		151	69	127	40	28	71	194	108	
		1978..	261	80	159	50	45	135	398	
	acres on which used, 1982..	6 840	7 331	13 686	1 017	1 205	8 782	11 071	5 284	
	1978..	11 411	6 916	10 238	3 650	6 844	12 898	18 569	9 493	
Lime ----- farms, 1982..		50	1	93	15	10	12	104	72	
		1978..	66	15	87	91	37	34	165	
	acres on which used, 1982..	1 781	(D)	5 581	(D)	1 796	1 980	3 089	3 568	
	1978..	1 199	662	4 178	13 929	2 649	1 663	4 925	10 145	
Sprays, dusts, granules, fumigants, etc., to control—										
	Insects on hay and other crops ----- farms, 1982..	26	44	71	112	146	16	46	223	
		1978..	58	51	137	209	203	62	54	
	acres on which used, 1982..	935	13 336	16 969	41 912	32 195	3 372	1 687	53 192	
Nematodes in crops ----- farms, 1982..		10	5	1	27	9	-	6	28	
		1978..	7	2	46	115	21	20	78	
	acres on which used, 1982..	588	3 622	(D)	15 826	860	-	240	4 597	
	1978..	407	(D)	7 279	31 325	3 758	1 194	550	11 461	
Diseases in crops and orchards ----- farms, 1982..		26	8	26	30	4	15	13	92	
		1978..	49	7	18	16	7	18	64	
	acres on which used, 1982..	883	3 406	5 456	12 739	2 413	4 004	2 340	19 549	
	1978..	1 713	3 385	5 761	4 911	2 311	1 132	-	11 104	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..		63	83	337	340	205	52	124	471	
		1978..	62	95	399	420	195	90	313	
	acres on which used, 1982..	8 115	22 635	116 884	182 681	104 253	28 197	12 441	206 127	
	1978..	5 739	32 285	117 367	194 398	96 427	23 075	21 402	212 076	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..		2	27	15	52	89	1	7	87	
		1978..	14	15	51	147	151	-	132	
	acres on which used, 1982..	(D)	9 989	(D)	12 021	17 794	(D)	280	19 610	
	1978..	453	9 819	6 291	22 395	26 794	-	(D)	32 329	

**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	Madison	Marion	Miller	Mississippi	Monroe	Montgomery	Nevada	Newton
Commercial fertilizer ----- farms, 1982..	417	206	301	655	290	81	187	344
1978..	610	262	349	852	380	203	291	384
acres on which used, 1982..	34 323	11 422	57 437	226 904	121 147	3 755	15 489	12 488
1978..	39 796	17 745	56 335	175 544	128 968	10 529	27 106	18 917
Cropland fertilized, except pastureland ----- farms, 1982..	280	134	218	643	290	64	119	212
1978..	552	213	302	847	380	164	233	304
acres on which used, 1982..	12 359	5 080	46 478	226 816	120 367	1 985	11 543	4 949
1978..	18 441	5 171	42 386	174 082	128 688	3 609	12 454	6 816
Pastureland and rangeland fertilized ----- farms, 1982..	236	97	124	13	9	33	87	207
1978..	329	167	188	18	4	123	188	263
acres on which used, 1982..	21 964	6 342	10 959	88	780	1 770	3 946	7 539
1978..	21 355	12 574	13 949	1 462	280	6 920	14 652	12 101
Lime ----- farms, 1982..	62	14	16	14	4	-	46	32
1978..	77	64	53	22	52	28	24	83
acres on which used, 1982..	3 335	168	700	1 095	594	-	555	664
1978..	3 029	1 972	2 415	2 731	2 731	855	1 055	2 622
tons, 1982..	3 391	196	910	2 223	898	-	1 391	1 209
1978..	5 218	3 420	4 859	5 286	5 556	1 090	1 812	6 068
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	18	17	46	236	119	3	21	-
1978..	69	35	146	286	176	10	41	6
acres on which used, 1982..	1 010	346	19 681	72 044	38 301	28	2 518	-
1978..	756	409	35 838	106 548	61 267	402	2 876	6
Nematodes in crops ----- farms, 1982..	-	4	1	32	5	2	-	-
1978..	1	-	5	92	15	14	1	-
acres on which used, 1982..	-	48	(D)	5 375	2 969	(D)	-	-
1978..	(D)	-	839	16 052	3 109	49	(D)	-
Diseases in crops and orchards ----- farms, 1982..	6	11	7	23	20	5	5	-
1978..	23	-	2	89	13	16	23	2
acres on which used, 1982..	90	110	5 918	25 194	5 640	5	218	-
1978..	362	-	(D)	18 010	2 815	130	747	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	77	41	100	589	248	54	116	20
1978..	189	120	142	677	278	111	140	131
acres on which used, 1982..	2 808	4 609	41 268	390 779	134 804	2 652	14 346	156
1978..	8 541	4 202	44 818	378 119	129 349	5 932	10 671	2 288
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	8	6	23	193	64	8	-	-
1978..	14	-	6	378	128	-	-	-
acres on which used, 1982..	275	60	8 655	38 121	8 908	480	-	-
1978..	546	-	2 609	65 724	22 000	-	-	-
Chemicals used	Ouachita	Perry	Phillips	Pike	Poinsett	Polk	Pope	Prairie
Commercial fertilizer ----- farms, 1982..	132	139	406	149	576	139	222	389
1978..	151	173	473	186	638	313	304	461
acres on which used, 1982..	6 552	13 933	149 593	21 273	251 518	5 224	22 493	185 573
1978..	13 695	15 806	145 122	15 775	265 243	18 104	18 825	195 167
Cropland fertilized, except pastureland ----- farms, 1982..	63	105	406	112	576	93	177	389
1978..	138	160	462	140	634	269	244	444
acres on which used, 1982..	4 842	12 531	148 886	18 993	(D)	1 886	16 190	183 674
1978..	8 731	12 089	143 000	8 636	261 956	8 698	12 979	188 111
Pastureland and rangeland fertilized ----- farms, 1982..	70	51	12	54	1	58	84	39
1978..	76	55	29	105	29	185	154	58
acres on which used, 1982..	1 710	1 402	707	2 280	(D)	3 338	6 303	1 899
1978..	4 964	3 717	2 122	7 139	3 287	9 406	5 846	7 056
Lime ----- farms, 1982..	30	18	62	22	58	30	38	14
1978..	28	58	84	39	46	79	32	76
acres on which used, 1982..	122	842	5 006	675	7 050	517	1 580	1 049
1978..	1 009	2 043	19 139	2 774	4 029	1 510	977	7 577
tons, 1982..	218	1 320	8 821	1 792	16 320	964	3 905	1 938
1978..	1 507	3 511	29 752	4 416	8 881	2 473	1 459	13 826
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	10	16	290	18	238	18	3	124
1978..	2	17	206	34	291	45	42	203
acres on which used, 1982..	620	894	82 995	3 390	59 698	513	280	35 280
1978..	(D)	3 303	91 007	1 198	108 444	1 333	3 078	69 477
Nematodes in crops ----- farms, 1982..	6	-	3	-	19	1	-	41
1978..	-	-	53	6	112	8	8	49
acres on which used, 1982..	450	-	(D)	-	7 084	(D)	-	11 732
1978..	-	-	12 371	6	26 629	153	2 569	10 265
Diseases in crops and orchards ----- farms, 1982..	3	17	62	1	42	12	11	49
1978..	14	12	67	9	55	15	15	63
acres on which used, 1982..	105	174	22 679	(D)	8 519	12	128	10 605
1978..	99	317	13 982	44	11 646	173	137	12 089
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	18	62	370	104	484	21	130	294
1978..	65	113	458	95	531	120	129	360
acres on which used, 1982..	1 197	8 061	208 625	19 011	258 852	565	16 949	145 360
1978..	5 656	10 377	228 517	9 150	252 926	6 290	15 639	168 395
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	6	12	109	1	144	7	5	10
1978..	-	14	146	5	187	-	13	39
acres on which used, 1982..	450	468	17 237	(D)	33 693	26	60	4 476
1978..	-	28	38 166	21	35 452	-	79	6 040

**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	Pulaski	Randolph	St. Francis	Saline	Scott	Searcy	Sebastian	Sevier
Commercial fertilizer ----- farms, 1982..	181	403	324	114	171	260	284	166
1978..	228	432	372	188	311	359	346	270
acres on which used, 1982..	49 015	73 373	157 161	3 662	13 976	15 517	13 796	11 636
1978..	31 751	68 621	147 596	9 193	15 459	26 478	28 363	22 835
Cropland fertilized, except pastureland ----- farms, 1982..	145	278	324	48	70	149	154	77
1978..	193	356	372	173	239	292	267	248
acres on which used, 1982..	45 694	55 306	(D)	1 388	7 760	4 816	4 224	3 985
1978..	28 594	56 092	146 341	5 388	6 981	8 788	13 296	9 168
Pastureland and rangeland fertilized ----- farms, 1982..	65	195	2	66	116	161	131	95
1978..	73	188	13	78	192	203	196	143
acres on which used, 1982..	3 321	18 067	(D)	2 274	6 216	10 701	9 572	7 651
1978..	3 157	12 529	1 255	3 805	8 478	17 690	15 067	13 667
Lime ----- farms, 1982..	26	71	17	19	24	48	27	19
1978..	75	80	57	44	47	93	54	73
acres on which used, 1982..	451	6 481	2 743	336	1 080	1 266	1 223	1 086
1978..	3 167	4 320	9 770	584	660	2 214	1 354	5 110
tons, 1982..	661	7 131	4 791	590	1 958	2 020	2 063	1 940
1978..	3 242	6 936	18 815	983	867	3 894	3 405	9 854
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	54	33	157	7	13	12	41	33
1978..	60	86	183	4	18	1	15	48
acres on which used, 1982..	23 244	3 188	56 055	30	180	90	2 012	(D)
1978..	26 706	15 655	70 255	4	325	(D)	2 072	2 339
Nematodes in crops ----- farms, 1982..	7	1	45	-	-	-	9	7
1978..	5	15	64	-	-	-	-	6
acres on which used, 1982..	540	(D)	9 294	-	-	-	747	70
1978..	82	4 413	14 554	-	-	-	-	6
Diseases in crops and orchards ----- farms, 1982..	22	30	30	-	5	7	15	6
1978..	9	20	25	18	5	-	-	8
acres on which used, 1982..	899	3 153	10 878	-	60	70	753	12
1978..	256	3 266	13 975	690	138	28	-	583
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	126	155	302	34	48	34	56	90
1978..	205	215	340	67	117	151	158	169
acres on which used, 1982..	58 522	54 913	186 869	969	2 749	1 779	6 802	6 109
1978..	39 942	56 516	190 384	1 986	2 782	7 885	7 789	11 564
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	12	14	52	-	8	7	-	-
1978..	44	13	110	4	10	-	10	6
acres on which used, 1982..	1 244	1 957	12 279	-	64	70	-	-
1978..	7 546	949	19 936	28	61	-	80	11

  

Chemicals used	Sharp	Stone	Union	Van Buren	Washington	White	Woodruff	Yell
Commercial fertilizer ----- farms, 1982..	251	143	187	308	710	1 099	251	261
1978..	340	278	221	360	875	1 197	349	324
acres on which used, 1982..	12 162	8 132	4 213	14 031	29 117	156 922	137 972	26 314
1978..	18 171	12 146	8 267	25 322	44 220	151 564	165 233	23 867
Cropland fertilized, except pastureland ----- farms, 1982..	169	85	108	167	535	866	250	137
1978..	257	225	206	297	773	1 099	349	294
acres on which used, 1982..	5 255	2 026	1 858	7 257	17 378	139 191	(D)	19 069
1978..	5 208	4 839	3 933	10 403	25 762	124 416	163 393	13 395
Pastureland and rangeland fertilized ----- farms, 1982..	133	86	81	180	264	327	2	136
1978..	242	128	127	232	406	459	6	139
acres on which used, 1982..	6 907	6 106	2 355	6 774	11 739	17 731	(D)	7 245
1978..	12 963	7 307	4 334	14 919	18 458	27 148	1 840	10 472
Lime ----- farms, 1982..	48	18	21	47	88	145	11	19
1978..	100	51	67	99	119	396	38	65
acres on which used, 1982..	2 054	145	385	1 057	1 378	5 293	1 690	584
1978..	2 609	736	1 358	2 511	2 315	18 756	5 447	2 243
tons, 1982..	2 866	260	770	1 815	3 115	9 843	3 090	1 206
1978..	5 216	1 175	2 906	4 745	4 153	37 163	10 177	4 478
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	1	8	35	20	117	118	64	19
1978..	21	20	45	46	139	294	153	28
acres on which used, 1982..	(D)	16	338	1 103	2 851	16 558	32 686	748
1978..	246	126	958	1 169	4 876	35 046	58 154	4 780
Nematodes in crops ----- farms, 1982..	-	-	4	-	6	17	20	-
1978..	20	-	9	-	2	17	67	13
acres on which used, 1982..	-	-	12	-	35	2 403	5 817	-
1978..	260	-	29	-	(D)	2 297	17 492	229
Diseases in crops and orchards ----- farms, 1982..	-	-	1	10	124	55	27	2
1978..	17	23	-	28	154	49	11	18
acres on which used, 1982..	-	-	(D)	210	2 588	5 739	9 092	(D)
1978..	243	75	-	178	3 738	2 977	4 544	151
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	26	47	45	57	229	548	195	137
1978..	132	101	60	95	275	805	283	211
acres on which used, 1982..	1 404	3 112	1 304	9 327	8 513	125 951	154 571	25 942
1978..	6 435	3 028	1 288	3 074	9 550	132 684	169 178	26 038
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	1	-	-	-	9	20	7	10
1978..	-	9	1	-	13	1	88	14
acres on which used, 1982..	(D)	-	-	-	236	9 120	4 411	57
1978..	-	146	(D)	-	189	(D)	15 037	731