

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	Tennessee							
	Tennessee	Anderson	Bedford	Benton	Bledsoe	Blount	Bradley	Campbell
Commercial fertilizer ----- farms, 1982..	63 955	339	726	222	322	848	365	401
	1978..	67 694	322	849	318	804	381	390
	acres on which used, 1982..	3 794 244	8 422	50 047	14 298	22 157	34 463	17 776
1978..	3 959 107	6 977	61 744	25 033	31 093	34 517	20 339	6 506
Cropland fertilized, except pastureland ----- farms, 1982..	57 803	248	633	198	308	680	323	369
	1978..	65 304	305	826	295	736	359	378
	acres on which used, 1982..	3 169 803	3 973	40 981	11 924	18 740	23 168	10 650
1978..	3 197 202	3 654	47 920	19 595	20 923	23 045	13 023	3 244
Pastureland and rangeland fertilized ----- farms, 1982..	18 239	173	200	75	89	416	155	141
	1978..	19 086	126	282	119	360	182	136
	acres on which used, 1982..	624 441	4 449	9 066	2 374	3 417	11 295	7 126
1978..	761 905	3 323	13 824	5 438	10 170	11 472	7 316	3 262
Lime ----- farms, 1982..	13 835	60	108	64	64	209	58	73
	1978..	16 600	38	229	127	124	150	67
	acres on which used, 1982..	389 865	711	5 776	2 552	2 874	3 419	1 438
1978..	610 371	903	6 573	4 441	5 730	4 771	4 249	642
tons, 1982..	742 439	1 576	11 767	4 104	6 368	7 172	2 187	3 029
1978..	1 189 654	1 412	12 845	9 018	10 430	10 341	7 699	1 310
Sprays, dusts, granules, fumigants, etc., to control-- insects on hay and other crops ----- farms, 1982..	19 869	73	169	25	62	247	64	108
	1978..	20 308	71	213	38	139	58	129
	acres on which used, 1982..	672 999	740	5 998	696	3 169	5 278	2 070
1978..	781 964	898	6 596	3 101	6 087	3 638	1 355	430
Nematodes in crops ----- farms, 1982..	1 923	13	1	5	7	27	4	6
	1978..	2 877	11	14	7	11	-	7
	acres on which used, 1982..	102 689	26	(D)	100	84	184	343
1978..	149 388	17	568	450	160	272	-	147
Diseases in crops and orchards ----- farms, 1982..	5 207	14	16	-	31	46	16	48
	1978..	2 625	17	26	1	65	8	5
	acres on which used, 1982..	128 208	38	28	-	752	286	500
1978..	100 491	94	673	(D)	1 481	524	243	10
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	23 599	61	363	141	95	254	78	57
	1978..	25 395	39	405	157	134	207	39
	acres on which used, 1982..	2 601 508	612	32 228	11 377	10 292	8 393	4 464
1978..	2 435 976	278	27 551	13 744	5 625	11 762	5 802	1 438
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	3 359	21	3	1	9	24	3	19
	1978..	2 942	9	19	-	18	1	29
	acres on which used, 1982..	154 179	90	425	(D)	171	2 382	(D)
1978..	112 353	9	196	-	442	601	(D)	41

Chemicals used	Tennessee								
	Cannon	Carroll	Carter	Cheatham	Chester	Claiborne	Clay	Cocke	
Commercial fertilizer ----- farms, 1982..	515	822	753	477	410	1 539	516	1 074	
	1978..	464	882	798	476	1 574	536	1 077	
	acres on which used, 1982..	22 840	75 512	9 951	8 477	34 881	25 332	11 899	15 560
1978..	23 348	75 312	9 158	10 051	37 299	26 675	13 566	18 487	
Cropland fertilized, except pastureland ----- farms, 1982..	428	748	687	450	373	1 491	510	1 074	
	1978..	443	868	786	472	360	536	1 069	
	acres on which used, 1982..	16 724	70 131	5 919	5 891	31 508	14 062	7 220	10 769
1978..	19 669	68 273	7 023	7 547	34 956	14 078	8 723	12 093	
Pastureland and rangeland fertilized ----- farms, 1982..	163	203	230	92	98	472	120	216	
	1978..	111	220	154	97	86	414	214	
	acres on which used, 1982..	6 116	5 381	4 032	2 586	3 373	11 270	4 679	4 791
1978..	3 679	7 039	2 135	2 504	2 343	12 597	4 843	6 394	
Lime ----- farms, 1982..	91	204	120	131	120	324	71	322	
	1978..	130	267	107	119	127	90	204	
	acres on which used, 1982..	2 480	6 875	641	2 326	3 019	4 281	951	2 896
1978..	4 373	10 177	1 913	3 303	5 128	3 008	1 489	3 065	
tons, 1982..	5 831	14 208	871	5 074	6 094	6 259	1 696	6 713	
1978..	8 821	18 449	2 423	7 167	10 774	6 237	3 094	6 097	
Sprays, dusts, granules, fumigants, etc., to control-- insects on hay and other crops ----- farms, 1982..	141	119	153	305	20	290	294	367	
	1978..	105	236	155	276	118	392	242	271
	acres on which used, 1982..	2 411	8 399	1 042	2 406	1 345	774	1 656	2 155
1978..	4 185	16 098	1 153	3 279	8 698	2 096	2 588	3 912	
Nematodes in crops ----- farms, 1982..	8	34	22	29	8	5	24	81	
	1978..	17	48	33	68	29	32	17	
	acres on which used, 1982..	694	3 137	42	141	88	9	80	324
1978..	596	1 111	137	823	3 508	175	116	843	
Diseases in crops and orchards ----- farms, 1982..	21	26	138	24	6	150	73	130	
	1978..	22	-	16	32	14	19	162	
	acres on which used, 1982..	(D)	470	329	163	300	480	221	1 272
1978..	577	-	16	86	1 830	24	130	1 691	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	166	552	142	227	231	254	156	297	
	1978..	151	476	122	209	237	273	189	
	acres on which used, 1982..	11 261	58 324	1 409	4 678	25 680	3 007	3 284	3 936
1978..	9 716	51 578	5 015	4 396	26 563	4 038	4 268	3 955	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	13	16	12	21	12	53	5	16	
	1978..	30	12	47	8	1	117	28	
	acres on which used, 1982..	907	1 742	31	51	755	245	20	74
1978..	1 050	945	172	410	(D)	398	333	200	

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								1978							
	Coffee	Crockett	Cumberland	Davidson	Decatur	De Kalb	Dickson	Dyer	Fayette	Fentress	Franklin	Gibson	Giles	Grainger	Greene	Grundy
Commercial fertilizer ----- farms,	641	489	468	242	318	735	785	580	532	304	890	954	926	1 065	3 228	199
	729	568	418	323	368	760	872	644	602	322	828	1 179	891	1 194	3 200	170
acres on which used,	62 974	109 721	30 030	7 431	22 644	19 007	24 455	129 721	126 026	17 109	57 501	192 541	53 973	18 030	62 695	7 432
1978..	64 805	110 357	29 764	12 909	25 416	20 149	30 215	122 124	154 386	20 828	68 157	182 475	53 731	16 271	70 943	10 072
Cropland fertilized, except pastureland ----- farms,	579	472	385	149	275	690	633	563	466	274	693	907	703	1 008	3 123	184
	699	556	387	237	343	760	817	633	572	316	755	1 158	818	1 189	3 131	143
acres on which used,	53 265	107 327	21 834	5 204	16 230	15 147	16 367	124 547	119 064	11 845	47 097	181 187	37 632	10 100	40 876	5 141
1978..	53 363	105 220	19 432	8 886	19 368	14 338	17 817	116 944	142 450	11 173	55 569	171 291	39 746	9 177	45 423	7 226
Pastureland and rangeland fertilized ----- farms,	185	67	210	108	137	131	281	100	145	62	354	209	348	306	836	67
	275	101	178	99	157	129	306	89	140	110	356	216	327	238	976	86
acres on which used,	9 709	2 394	8 196	2 227	6 414	3 860	8 088	5 174	6 962	5 264	10 404	11 354	16 341	7 930	21 819	2 291
1978..	11 442	5 137	10 332	4 023	6 048	5 811	12 398	5 180	11 936	9 655	12 588	11 184	13 985	7 094	25 520	2 846
Lime ----- farms,	232	134	112	78	78	60	178	148	122	63	303	241	182	163	595	72
	296	241	137	57	119	138	190	284	163	65	372	593	236	199	618	52
acres on which used,	9 414	10 209	1 794	2 067	2 318	727	3 712	15 002	10 700	1 145	7 755	15 477	4 690	2 515	7 051	1 192
1978..	10 939	18 108	3 962	1 704	4 548	4 682	5 065	22 897	26 999	2 099	13 221	33 951	5 785	3 806	8 671	2 002
tons,	17 155	18 869	3 457	3 968	5 159	1 886	6 519	20 285	20 714	2 830	15 879	28 849	8 425	4 824	13 814	2 010
1978..	21 488	34 843	8 583	3 863	8 728	9 617	10 043	43 592	46 010	5 391	28 004	65 751	11 549	7 879	16 263	5 302
Sprays, dusts, granules, fumigants, etc., to control—																
	Insects on hay and other crops ----- farms,	151	187	110	106	368	334	140	112	99	230	179	170	273	793	40
1978..	203	181	146	193	365	345	168	42	187	85	359	432	263	318	791	42
acres on which used,	5 047	35 984	10 054	1 825	2 086	4 002	2 856	30 366	29 405	5 015	10 599	34 541	3 673	1 714	8 789	1 263
1978..	11 991	31 844	8 107	3 452	1 074	6 257	4 258	37 361	36 821	3 226	17 158	46 288	6 655	1 650	8 147	1 121
Nematodes in crops ----- farms,	9	12	9	2	22	17	37	37	38	25	7	54	2	28	76	7
	37	27	15	4	1	29	64	54	86	10	88	48	53	17	106	-
acres on which used,	80	3 625	(D)	(D)	1 650	474	107	6 633	15 021	483	1 321	4 860	(D)	527	340	84
1978..	771	1 951	719	35	(D)	146	1 898	4 693	13 265	385	2 171	3 533	1 870	48	355	-
Diseases in crops and orchards ----- farms,	24	33	27	20	-	62	83	21	52	14	10	15	4	80	488	4
	10	57	26	10	-	56	11	27	52	4	39	61	11	52	110	10
acres on which used,	105	7 917	3 091	(D)	-	827	676	5 019	8 132	92	261	2 688	431	1 087	3 198	27
1978..	488	9 200	596	79	-	892	23	4 730	3 837	641	3 080	5 321	816	123	1 396	60
Weeds, grass, or brush in crops and pasture ----- farms,	379	355	110	53	114	285	228	532	354	107	326	701	275	204	926	124
	431	469	182	70	197	233	232	597	493	113	362	910	362	87	837	85
acres on which used,	43 562	91 832	6 987	2 987	9 624	9 952	7 392	167 917	121 720	6 819	31 158	156 497	28 691	2 893	18 316	4 704
1978..	33 342	96 774	8 753	4 623	14 032	6 744	3 701	180 528	131 296	4 934	31 245	138 382	24 103	957	13 376	5 378
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	37	104	1	3	6	78	57	60	39	13	13	91	25	47	244	1
	8	98	23	16	7	31	46	66	43	6	10	46	11	63	207	5
acres on which used,	1 208	13 961	(D)	15	180	236	263	7 606	8 595	13	2 259	7 913	581	153	1 622	(D)
1978..	812	9 693	80	84	364	40	710	5 566	5 738	24	907	3 663	302	195	1 188	72

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	Hamblen	Hamilton	Hancock	Hardeman	Hardin	Hawkins	Haywood	Henderson
Commercial fertilizer ----- farms, 1982..	740	321	757	424	438	1 723	501	602
1978..	833	343	800	533	476	1 905	581	760
acres on which used, 1982..	15 428	12 730	9 119	78 894	44 067	23 870	130 227	58 077
1978..	11 622	15 478	9 442	77 472	49 121	27 296	147 404	72 315
Cropland fertilized, except pastureland ----- farms, 1982..	699	201	744	325	372	1 645	463	473
1978..	821	303	800	510	451	1 872	566	696
acres on which used, 1982..	9 447	7 723	5 037	71 454	40 560	15 762	125 205	46 679
1978..	7 808	9 275	6 023	67 799	43 094	18 880	140 860	58 815
Pastureland and rangeland fertilized ----- farms, 1982..	262	173	151	178	131	417	96	317
1978..	200	168	142	191	167	438	128	300
acres on which used, 1982..	5 981	5 007	4 082	7 440	3 507	8 108	5 022	11 398
1978..	3 814	6 203	3 419	9 673	6 027	8 416	6 544	13 500
Lime ----- farms, 1982..	110	146	101	85	45	360	104	149
1978..	120	143	140	111	175	395	214	306
acres on which used, 1982..	2 470	4 098	536	5 408	830	4 011	9 383	4 490
1978..	1 171	3 759	2 233	8 943	8 409	4 750	30 884	12 473
tons, 1982..	4 386	7 551	1 245	10 587	1 712	7 629	16 477	10 323
1978..	2 324	7 296	4 048	18 063	16 789	9 438	55 049	27 220
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	121	33	89	127	76	279	166	84
1978..	132	123	134	114	91	261	162	97
acres on which used, 1982..	2 160	1 217	307	20 757	10 358	1 827	29 968	6 667
1978..	1 345	2 843	1 072	16 464	11 321	2 861	37 026	7 237
Nematodes in crops ----- farms, 1982..	19	-	-	23	10	25	26	1
1978..	30	-	16	17	6	45	86	13
acres on which used, 1982..	777	-	-	2 897	3 030	71	3 449	(D)
1978..	761	-	46	2 199	625	293	13 825	538
Diseases in crops and orchards ----- farms, 1982..	29	9	164	48	4	234	21	10
1978..	18	11	10	36	-	96	54	2
acres on which used, 1982..	81	118	486	6 437	2 825	652	3 951	(D)
1978..	55	37	10	5 454	-	591	6 025	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	169	68	168	219	215	385	375	405
1978..	192	99	153	361	319	245	487	576
acres on which used, 1982..	4 311	4 271	2 206	50 086	35 303	3 958	128 201	46 023
1978..	4 523	3 974	2 578	60 736	30 382	3 522	132 270	47 178
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	68	23	37	32	3	137	105	12
1978..	-	3	63	33	1	113	136	10
acres on which used, 1982..	291	117	79	4 548	(D)	394	18 486	1 828
1978..	-	101	417	1 887	(D)	611	19 632	349

Chemicals used	Henry	Hickman	Houston	Humphreys	Jackson	Jefferson	Johnson	Knox
Commercial fertilizer ----- farms, 1982..	703	439	170	322	685	1 146	851	881
1978..	874	438	191	438	666	1 178	915	833
acres on which used, 1982..	83 962	17 936	7 933	22 285	8 473	29 802	10 036	21 013
1978..	98 864	23 649	10 522	30 125	7 275	34 739	10 420	27 929
Cropland fertilized, except pastureland ----- farms, 1982..	606	376	155	283	643	1 060	845	721
1978..	835	425	181	396	661	1 168	914	770
acres on which used, 1982..	72 546	12 307	4 541	18 585	6 295	17 198	6 248	13 387
1978..	83 480	18 009	4 971	20 737	5 859	21 590	7 180	16 546
Pastureland and rangeland fertilized ----- farms, 1982..	230	140	42	108	91	354	169	349
1978..	237	138	84	234	46	417	185	323
acres on which used, 1982..	11 416	5 629	3 392	3 700	2 178	12 604	3 788	7 626
1978..	15 384	5 640	5 551	9 388	1 416	13 149	3 240	11 383
Lime ----- farms, 1982..	264	52	22	36	88	273	182	159
1978..	340	86	65	108	72	263	135	150
acres on which used, 1982..	8 335	931	447	885	1 780	4 702	1 020	2 747
1978..	14 795	2 216	1 383	3 427	1 840	4 423	1 304	4 066
tons, 1982..	16 077	1 783	903	1 827	2 219	10 243	1 544	4 145
1978..	27 111	5 277	2 999	6 407	4 459	9 589	2 429	7 830
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	221	122	46	69	244	296	303	245
1978..	271	179	68	51	203	345	101	190
acres on which used, 1982..	9 549	1 368	229	2 234	1 528	2 689	2 100	3 517
1978..	18 055	4 010	1 119	3 662	871	4 191	710	1 654
Nematodes in crops ----- farms, 1982..	18	29	4	9	22	24	24	2
1978..	13	14	17	12	9	45	11	15
acres on which used, 1982..	733	1 035	8	1 048	550	722	(D)	(D)
1978..	501	1 267	644	1 077	1 174	395	275	44
Diseases in crops and orchards ----- farms, 1982..	9	39	-	15	43	69	219	106
1978..	37	1	37	17	67	23	30	33
acres on which used, 1982..	(D)	1 394	-	451	96	714	313	379
1978..	712	(D)	797	531	371	42	39	97
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	497	185	84	143	209	200	208	140
1978..	563	150	81	157	134	336	131	192
acres on which used, 1982..	67 796	8 554	2 754	17 778	5 784	4 437	2 281	4 288
1978..	63 961	10 802	1 538	11 380	2 020	8 038	1 760	3 701
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	29	31	-	-	36	64	66	24
1978..	40	9	22	6	15	55	52	24
acres on which used, 1982..	648	112	-	-	79	189	211	45
1978..	972	42	712	28	15	617	127	187

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	Lake	Lauderdale	Lawrence	Lewis	Lincoln	Loudon	McMinn	McNairy
Commercial fertilizer ----- farms, 1982..	92	459	1 031	158	1 102	550	762	693
1978..	64	531	1 150	167	1 322	538	765	737
acres on which used, 1982..	42 101	88 561	90 268	8 473	74 597	18 948	38 794	58 962
1978..	13 596	90 060	92 903	8 382	88 176	27 697	39 368	63 394
Cropland fertilized, except pastureland ----- farms, 1982..	92	451	831	133	998	460	695	622
1978..	64	526	1 103	162	1 246	522	714	729
acres on which used, 1982..	(D)	86 659	72 708	5 643	61 014	12 474	26 837	55 819
1978..	13 596	84 907	71 865	6 648	69 172	18 666	21 867	55 530
Pastureland and rangeland fertilized ----- farms, 1982..	1	40	473	95	353	165	195	133
1978..	-	95	404	57	490	182	339	177
acres on which used, 1982..	(D)	1 902	17 560	2 830	13 583	6 474	11 957	3 143
1978..	-	5 153	21 038	1 734	19 004	9 031	17 501	7 864
Lime ----- farms, 1982..	11	96	259	72	205	128	158	142
1978..	4	176	361	65	307	118	202	267
acres on which used, 1982..	1 072	3 646	9 408	1 165	5 777	2 455	4 400	5 239
1978..	360	11 074	15 367	1 479	13 458	2 086	7 479	10 966
tons, 1982..	1 329	7 417	16 869	2 486	11 261	5 179	10 378	9 599
1978..	645	22 306	23 691	3 097	25 878	4 303	14 050	22 128
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	37	134	208	28	355	241	299	119
1978..	39	159	199	14	362	188	166	71
acres on which used, 1982..	11 409	26 946	13 209	311	8 553	5 093	6 837	6 244
1978..	10 615	25 498	15 773	30	12 387	2 624	3 976	5 259
Nematodes in crops ----- farms, 1982..	3	23	24	-	67	7	6	14
1978..	1	53	21	5	122	2	10	26
acres on which used, 1982..	400	1 396	4 336	-	3 334	1 010	603	440
1978..	(D)	8 629	1 283	5	2 081	(D)	696	1 856
Diseases in crops and orchards ----- farms, 1982..	9	34	44	-	70	45	56	29
1978..	7	35	11	9	55	16	14	39
acres on which used, 1982..	2 820	5 658	6 530	-	2 096	628	526	688
1978..	4 431	4 225	814	43	715	103	1 176	4 667
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	103	399	458	30	459	116	214	410
1978..	100	427	675	78	488	106	167	512
acres on which used, 1982..	74 643	118 367	60 318	4 007	44 875	6 437	10 542	45 293
1978..	65 613	102 705	51 366	4 603	33 406	5 551	7 892	45 155
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	6	38	32	-	76	25	22	7
1978..	15	50	5	-	16	10	3	13
acres on which used, 1982..	2 171	6 475	2 176	-	3 541	987	279	58
1978..	1 443	7 747	10	-	1 006	122	203	1 511

Chemicals used	Macon	Madison	Marion	Marshall	Maury	Meigs	Monroe	Montgomery
Commercial fertilizer ----- farms, 1982..	1 133	539	181	763	1 144	244	799	868
1978..	1 171	691	226	680	1 158	264	763	1 063
acres on which used, 1982..	23 400	93 382	13 410	39 540	61 076	9 287	34 962	53 124
1978..	19 304	109 112	16 074	36 178	48 700	16 229	32 452	52 980
Cropland fertilized, except pastureland ----- farms, 1982..	1 125	475	157	705	1 027	208	752	807
1978..	1 171	673	214	658	1 095	264	726	1 041
acres on which used, 1982..	17 209	90 058	11 141	28 215	43 774	5 828	25 030	41 594
1978..	15 073	100 395	12 967	28 552	34 022	10 595	23 842	42 218
Pastureland and rangeland fertilized ----- farms, 1982..	204	124	87	259	407	100	282	209
1978..	140	135	86	158	290	97	216	211
acres on which used, 1982..	6 191	3 324	2 269	11 325	17 302	3 459	9 932	11 530
1978..	4 231	8 717	3 107	7 626	14 678	5 634	8 610	10 762
Lime ----- farms, 1982..	270	145	22	109	221	82	122	188
1978..	239	262	71	103	169	64	188	176
acres on which used, 1982..	4 572	9 347	412	2 396	5 777	1 169	4 377	5 830
1978..	4 023	19 857	3 143	2 310	4 601	2 369	5 163	5 735
tons, 1982..	10 152	16 082	667	4 203	11 946	2 364	9 611	11 057
1978..	8 683	39 562	6 195	4 722	10 510	3 585	11 677	11 452
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	629	100	41	270	550	84	346	535
1978..	549	200	38	232	618	49	315	616
acres on which used, 1982..	3 122	20 857	1 584	3 241	7 784	661	6 494	14 530
1978..	2 638	31 807	4 222	3 356	10 086	986	7 005	14 817
Nematodes in crops ----- farms, 1982..	42	12	-	40	47	-	9	60
1978..	40	49	-	11	70	-	16	43
acres on which used, 1982..	675	2 182	-	461	512	-	(D)	1 138
1978..	948	3 669	-	131	2 161	-	584	1 706
Diseases in crops and orchards ----- farms, 1982..	89	32	7	26	87	-	34	59
1978..	23	32	20	10	11	8	19	33
acres on which used, 1982..	870	5 296	(D)	257	2 165	-	617	1 276
1978..	44	3 806	610	323	1 159	12	43	972
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	430	396	84	256	429	41	110	332
1978..	289	483	114	279	320	51	174	405
acres on which used, 1982..	7 038	73 838	9 219	13 773	27 544	1 779	12 603	30 622
1978..	4 595	67 423	12 385	12 659	20 379	2 986	10 160	29 418
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	61	56	-	26	76	22	17	48
1978..	71	59	-	37	31	19	-	34
acres on which used, 1982..	345	10 790	-	574	1 538	93	92	1 374
1978..	355	6 168	-	325	132	130	-	1 047

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	Moore	Morgan	Obion	Overton	Perry	Pickett	Polk	Putnam
Commercial fertilizer ----- farms, 1982..	267	233	633	653	97	322	164	944
1978..	295	217	661	674	192	362	118	945
acres on which used, 1982..	12 301	16 735	156 331	23 522	17 286	7 460	9 115	23 382
1978..	7 651	11 389	125 890	31 644	14 353	9 808	10 429	23 865
Cropland fertilized, except pastureland ----- farms, 1982..	251	176	599	572	97	314	119	839
1978..	281	211	654	638	192	347	113	868
acres on which used, 1982..	9 933	11 915	153 582	14 265	15 756	4 256	6 417	14 990
1978..	5 230	7 924	120 706	17 423	12 560	5 502	8 247	12 653
Pastureland and rangeland fertilized ----- farms, 1982..	64	124	84	262	27	79	81	292
1978..	87	114	100	300	42	144	31	342
acres on which used, 1982..	2 368	4 820	2 749	9 257	1 530	3 204	2 698	8 392
1978..	2 421	3 465	5 184	14 221	1 793	4 306	2 182	11 212
Lime ----- farms, 1982..	55	72	249	150	18	37	51	162
1978..	50	74	281	154	28	54	48	231
acres on which used, 1982..	655	1 052	15 038	2 082	813	349	1 433	4 285
1978..	1 385	816	19 513	2 964	1 520	880	2 065	4 260
tons, 1982..	1 387	1 961	25 688	4 607	1 776	840	2 460	8 073
1978..	3 118	1 724	41 280	6 225	2 744	3 053	2 672	8 213
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	97	54	171	230	9	144	24	315
1978..	124	46	233	199	36	137	12	338
acres on which used, 1982..	871	2 986	39 549	4 612	2 157	556	1 106	3 012
1978..	685	3 375	37 388	6 152	2 913	759	963	3 364
Nematodes in crops ----- farms, 1982..	-	5	47	1	1	8	2	29
1978..	5	6	51	39	-	1	1	25
acres on which used, 1982..	-	15	5 367	(D)	(D)	26	(D)	2 293
1978..	200	7	2 803	1 034	-	(D)	(D)	421
Diseases in crops and orchards ----- farms, 1982..	7	15	31	79	6	32	2	58
1978..	-	21	44	21	-	10	-	20
acres on which used, 1982..	35	23	4 950	126	540	92	(D)	200
1978..	-	2 612	5 362	121	-	15	-	175
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	54	86	526	132	88	46	42	184
1978..	46	90	596	204	92	106	82	208
acres on which used, 1982..	4 392	5 408	136 374	4 823	15 661	547	4 742	6 882
1978..	727	2 984	125 041	5 122	8 928	2 767	4 704	3 817
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	7	5	26	24	1	7	5	42
1978..	5	1	22	32	1	17	1	36
acres on which used, 1982..	14	15	2 473	56	(D)	21	521	97
1978..	8	(D)	1 843	540	(D)	30	(D)	227

Chemicals used	Rhea	Roane	Robertson	Rutherford	Scott	Sequatchie	Sevier	Shelby
Commercial fertilizer ----- farms, 1982..	244	405	1 521	829	172	114	891	357
1978..	198	402	1 577	927	170	112	925	382
acres on which used, 1982..	12 089	13 589	113 436	45 294	5 474	4 318	13 703	83 647
1978..	10 159	12 708	102 037	50 793	4 692	7 183	17 964	77 484
Cropland fertilized, except pastureland ----- farms, 1982..	152	316	1 457	700	139	84	784	290
1978..	191	380	1 540	863	170	95	907	329
acres on which used, 1982..	9 079	5 378	100 979	38 484	3 220	3 100	8 794	80 961
1978..	8 109	6 670	83 163	40 269	3 132	4 803	10 066	70 653
Pastureland and rangeland fertilized ----- farms, 1982..	120	147	277	253	64	46	231	113
1978..	67	158	326	320	43	47	263	111
acres on which used, 1982..	3 010	8 211	12 457	6 810	2 254	1 218	4 909	2 686
1978..	2 050	6 038	18 874	10 524	1 580	2 380	7 898	6 831
Lime ----- farms, 1982..	70	86	458	188	24	23	149	107
1978..	52	128	446	242	72	23	182	130
acres on which used, 1982..	2 530	1 489	16 522	4 627	193	657	1 637	4 522
1978..	854	2 773	19 986	7 195	918	433	2 371	9 027
tons, 1982..	6 047	2 997	31 135	8 758	453	855	3 047	8 944
1978..	1 850	4 961	40 894	14 308	2 021	897	4 919	15 184
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	64	111	1 053	176	28	9	256	55
1978..	59	117	370	194	44	30	245	89
acres on which used, 1982..	2 645	551	29 944	5 766	964	517	1 631	9 562
1978..	2 698	1 228	29 465	6 481	1 074	1 266	1 685	17 998
Nematodes in crops ----- farms, 1982..	1	-	77	6	-	-	14	5
1978..	12	22	186	27	11	7	29	59
acres on which used, 1982..	(D)	-	3 109	140	-	-	56	2 529
1978..	90	133	4 350	1 737	81	13	197	16 718
Diseases in crops and orchards ----- farms, 1982..	47	20	194	5	22	-	48	9
1978..	49	27	89	8	19	4	27	29
acres on which used, 1982..	697	50	5 813	35	824	-	265	1 432
1978..	763	69	2 695	24	167	231	116	2 544
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	29	58	797	275	55	23	187	251
1978..	63	48	740	347	72	40	116	319
acres on which used, 1982..	4 235	968	74 147	26 475	956	2 330	4 307	91 723
1978..	1 806	933	59 522	22 890	1 492	2 590	2 068	86 072
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	-	98	1	7	3	25	36
1978..	7	-	80	16	5	4	18	82
acres on which used, 1982..	-	-	5 680	(D)	98	30	37	8 921
1978..	32	-	2 849	278	55	150	18	9 299

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							
	Smith	Stewart	Sullivan	Sumner	Tipton	Trousdale	Unicoi	Union
Commercial fertilizer ----- farms, 1982..	959	382	1 323	1 577	548	431	294	555
1978..	967	369	1 392	1 629	581	407	359	617
acres on which used, 1982..	16 372	9 167	17 325	58 051	101 285	8 208	1 039	10 332
1978..	17 468	12 267	20 688	50 396	117 306	10 409	1 976	10 831
Cropland fertilized, except pastureland ----- farms, 1982..	926	346	1 244	1 487	498	405	294	482
1978..	941	359	1 365	1 570	555	405	349	602
acres on which used, 1982..	10 984	7 287	12 480	47 555	98 536	5 067	(D)	4 689
1978..	12 697	8 927	12 704	36 257	111 001	6 294	1 335	4 943
Pastureland and rangeland fertilized ----- farms, 1982..	159	81	224	279	106	82	13	205
1978..	139	65	328	354	144	58	(D)	165
acres on which used, 1982..	5 388	1 880	4 865	10 496	2 749	3 141	80	5 643
1978..	4 771	3 340	7 984	14 109	6 305	4 115	641	5 888
Lime ----- farms, 1982..	213	47	268	363	136	50	21	91
1978..	212	75	203	337	164	75	52	68
acres on which used, 1982..	1 905	1 025	2 052	9 126	9 699	608	49	1 595
1978..	3 564	1 675	2 936	9 611	14 674	798	597	605
tons, 1982..	3 207	1 974	4 510	16 975	18 159	1 379	79	3 018
1978..	7 542	4 027	5 661	17 577	28 303	1 595	1 070	1 223
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	621	222	248	919	113	272	83	138
1978..	500	164	233	738	171	266	92	140
acres on which used, 1982..	3 966	2 007	1 785	16 382	27 291	3 317	315	313
1978..	2 933	3 713	2 275	11 408	27 556	1 696	176	880
Nematodes in crops ----- farms, 1982..	66	13	32	41	29	33	17	18
1978..	32	16	3	91	170	5	6	-
acres on which used, 1982..	193	103	122	1 000	3 818	148	31	39
1978..	256	76	141	858	23 114	18	6	-
Diseases in crops and orchards ----- farms, 1982..	179	19	258	114	32	30	96	17
1978..	3	5	43	67	21	-	63	10
acres on which used, 1982..	1 013	25	1 073	1 345	5 953	136	402	62
1978..	35	10	313	995	1 765	-	190	25
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	341	180	291	612	378	136	48	44
1978..	240	164	302	679	418	53	51	46
acres on which used, 1982..	8 430	6 292	4 529	41 479	119 357	3 376	161	694
1978..	5 413	6 725	5 546	23 355	110 847	1 814	330	808
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	41	30	62	94	96	61	7	14
1978..	66	10	123	32	126	8	56	14
acres on which used, 1982..	786	900	1 23	1 470	15 671	157	21	52
1978..	375	50	1 059	233	12 037	17	109	20

Chemicals used	1978							
	Van Buren	Warren	Washington	Wayne	Weakley	White	Williamson	Wilson
Commercial fertilizer ----- farms, 1982..	149	998	1 694	483	883	897	925	1 105
1978..	172	995	1 805	449	956	921	1 033	1 123
acres on which used, 1982..	7 932	78 277	41 079	26 427	127 121	31 306	51 824	26 432
1978..	8 847	74 761	39 470	20 532	128 893	40 819	58 684	26 756
Cropland fertilized, except pastureland ----- farms, 1982..	123	887	1 621	301	833	810	849	1 045
1978..	157	949	1 742	418	947	860	986	1 079
acres on which used, 1982..	5 614	65 174	26 796	15 036	123 427	19 282	39 210	18 332
1978..	4 612	54 736	26 471	13 460	124 355	22 877	37 087	20 306
Pastureland and rangeland fertilized ----- farms, 1982..	60	302	570	278	123	322	244	203
1978..	101	340	498	157	129	368	382	200
acres on which used, 1982..	2 318	13 103	14 283	11 391	3 694	12 024	12 614	8 100
1978..	4 235	20 025	12 999	7 072	4 538	17 942	21 597	6 450
Lime ----- farms, 1982..	41	213	359	85	281	170	206	206
1978..	63	323	239	65	366	241	186	150
acres on which used, 1982..	1 282	5 230	6 882	1 555	14 282	3 863	9 633	6 462
1978..	1 196	13 989	2 395	1 442	19 247	8 279	6 670	2 003
tons, 1982..	2 454	9 925	14 214	3 277	27 995	7 136	21 659	10 597
1978..	2 231	25 559	4 809	2 843	40 339	13 534	13 384	4 059
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	34	449	329	36	141	329	364	494
1978..	41	337	289	61	206	311	444	461
acres on which used, 1982..	914	17 157	6 010	867	13 906	4 004	6 707	2 402
1978..	647	11 792	3 301	1 545	24 221	5 480	8 736	3 067
Nematodes in crops ----- farms, 1982..	-	23	60	14	52	18	45	20
1978..	1	55	28	-	35	30	28	46
acres on which used, 1982..	-	307	1 284	682	3 573	231	1 267	481
1978..	(D)	3 537	567	-	2 931	473	682	122
Diseases in crops and orchards ----- farms, 1982..	-	112	283	14	27	37	50	48
1978..	5	69	73	12	1	25	44	15
acres on which used, 1982..	-	2 427	1 512	(D)	5 293	115	2 254	79
1978..	5	2 808	1 834	20	(D)	65	428	15
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	25	452	432	132	775	263	249	324
1978..	55	496	407	189	852	310	206	209
acres on which used, 1982..	509	38 416	8 572	11 680	118 926	9 537	16 135	10 143
1978..	907	28 654	7 477	8 053	116 511	9 396	13 533	6 588
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	-	64	178	6	22	39	47	85
1978..	-	2	80	26	3	27	15	9
acres on which used, 1982..	-	956	771	30	497	390	985	284
1978..	-	(D)	469	351	640	217	398	36