

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992

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

Chemicals used	Tennessee	Anderson	Bedford	Benton	Bledsoe	Blount	Bradley	Campbell
	Commercial fertilizer farms, 1997..	51 460	314	722	239	372	693	373
..... 1992..	55 143	292	648	228	381	738	422	324
acres on which used, 1997..	3 815 706	11 044	46 107	17 451	25 950	33 777	19 011	9 500
..... 1992..	3 645 016	8 665	45 677	15 515	24 015	32 719	20 940	6 432
Cropland fertilized, except pastureland farms, 1997..	39 668	209	537	129	296	486	260	237
..... 1992..	46 018	209	472	136	283	557	273	289
acres on which used, 1997..	2 789 197	4 318	33 470	8 063	15 612	17 590	10 923	4 524
..... 1992..	2 721 952	4 547	30 545	7 142	13 162	17 451	9 995	3 206
Pastureland and rangeland fertilized..... farms, 1997..	24 429	179	314	155	166	423	205	161
..... 1992..	20 740	173	282	124	209	393	199	122
acres on which used, 1997..	1 026 509	6 726	12 637	9 388	10 338	16 187	8 088	4 976
..... 1992..	923 064	4 118	15 132	8 373	10 853	15 268	10 945	3 226
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	10 916	13	115	15	64	100	45	47
..... 1992..	15 454	48	141	8	83	169	85	86
acres on which used, 1997..	670 716	48	4 605	1 472	2 197	2 997	1 297	205
..... 1992..	783 399	443	4 587	1 269	3 463	2 643	1 628	627
Nematodes in crops farms, 1997..	1 013	—	1	—	—	16	6	15
..... 1992..	1 302	—	21	1	10	3	5	8
acres on which used, 1997..	56 054	—	(D)	—	—	520	374	109
..... 1992..	87 672	—	558	(D)	400	(D)	254	8
Diseases in crops and orchards..... farms, 1997..	4 558	2	26	7	58	54	34	42
..... 1992..	5 127	11	20	—	48	56	27	9
acres on which used, 1997..	140 411	(D)	489	42	1 301	359	108	152
..... 1992..	143 800	36	421	—	1 315	230	228	12
Weeds, grass, or brush in crops and pasture farms, 1997..	14 921	42	208	71	46	151	110	51
..... 1992..	15 686	48	180	99	118	160	89	74
acres on which used, 1997..	2 015 227	664	17 916	4 274	2 699	5 310	5 469	840
..... 1992..	1 953 155	1 831	14 417	6 771	4 923	4 325	3 502	1 755
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1 860	1	20	—	8	1	—	9
..... 1992..	3 683	16	37	—	1	27	23	10
acres on which used, 1997..	349 364	(D)	353	—	(D)	(D)	—	9
..... 1992..	456 657	24	486	—	(D)	360	276	138
Chemicals used								
	Cannon	Carroll	Carter	Cheatham	Chester	Claiborne	Clay	Cocke
Commercial fertilizer farms, 1997..	397	564	495	364	235	1 231	400	697
..... 1992..	411	527	588	369	279	1 439	476	840
acres on which used, 1997..	23 578	69 980	11 341	18 392	18 241	34 415	16 430	18 041
..... 1992..	21 455	69 934	9 531	11 406	24 148	32 745	14 721	20 127
Cropland fertilized, except pastureland farms, 1997..	304	359	385	271	152	1 151	356	609
..... 1992..	345	426	535	306	238	1 386	476	792
acres on which used, 1997..	13 632	58 873	5 192	9 963	13 343	14 297	7 279	9 798
..... 1992..	15 974	62 104	5 295	5 535	20 796	14 494	6 750	11 588
Pastureland and rangeland fertilized..... farms, 1997..	169	272	235	184	134	483	158	283
..... 1992..	138	206	158	136	67	446	132	243
acres on which used, 1997..	9 946	11 107	6 149	8 429	4 898	20 118	9 151	8 243
..... 1992..	5 481	7 830	4 236	5 871	3 352	18 251	7 971	8 539
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	78	73	103	147	30	281	167	172
..... 1992..	129	123	122	204	71	409	245	302
acres on which used, 1997..	2 664	13 749	700	1 327	2 416	1 999	1 044	1 776
..... 1992..	1 589	16 553	917	1 354	7 763	2 332	899	3 454
Nematodes in crops farms, 1997..	1	2	2	27	7	15	—	20
..... 1992..	10	14	2	—	23	30	34	22
acres on which used, 1997..	(D)	(D)	(D)	70	350	189	—	273
..... 1992..	780	6 289	(D)	—	2 112	266	97	284
Diseases in crops and orchards..... farms, 1997..	36	21	63	62	1	214	48	111
..... 1992..	18	12	118	41	10	254	59	120
acres on which used, 1997..	522	2 897	378	290	(D)	1 478	187	1 091
..... 1992..	460	(D)	388	397	1 414	848	245	921
Weeds, grass, or brush in crops and pasture farms, 1997..	140	169	143	155	88	304	80	113
..... 1992..	103	171	118	167	121	304	137	277
acres on which used, 1997..	11 115	44 406	1 926	5 926	9 084	4 859	2 052	1 285
..... 1992..	9 887	47 702	1 118	3 329	13 788	5 514	1 225	6 769
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	36	1	—	12	56	—	19
..... 1992..	17	59	25	18	36	201	42	65
acres on which used, 1997..	(D)	5 282	(D)	—	1 408	273	—	29
..... 1992..	743	14 116	28	149	4 620	638	93	168

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	Coffee	Crockett	Cumberland	Davidson	Decatur	De Kalb	Dickson	Dyer
	Commercial fertilizer farms, 1997..	655	340	545	167	235	521	696
..... farms, 1992..	595	356	467	145	263	598	643	418
acres on which used, 1997..	60 465	117 025	32 476	4 574	17 717	25 465	39 433	122 937
..... farms, 1992..	55 416	100 012	28 277	5 827	17 818	25 388	30 958	138 954
Cropland fertilized, except pastureland farms, 1997..	433	261	332	103	166	379	473	278
..... farms, 1992..	469	326	344	104	204	528	485	395
acres on which used, 1997..	44 609	113 317	17 267	1 662	9 048	14 455	20 374	116 363
..... farms, 1992..	43 858	98 512	14 285	2 134	10 648	13 647	12 136	134 433
Pastureland and rangeland fertilized..... farms, 1997..	376	111	351	88	112	248	401	114
..... farms, 1992..	241	43	286	57	107	200	305	60
acres on which used, 1997..	15 856	3 708	15 209	2 912	8 669	11 010	19 059	6 574
..... farms, 1992..	11 558	1 500	13 992	3 693	7 170	11 741	18 822	4 521
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	84	150	81	79	36	152	124	69
..... farms, 1992..	104	155	64	41	41	242	130	101
acres on which used, 1997..	7 467	66 530	6 807	1 137	2 290	1 748	1 232	32 440
..... farms, 1992..	10 043	62 710	4 983	249	2 830	1 638	1 318	31 731
Nematodes in crops farms, 1997..	9	13	—	10	—	9	6	5
..... farms, 1992..	3	20	—	—	1	15	8	17
acres on which used, 1997..	(D)	4 201	—	114	—	13	12	1 468
..... farms, 1992..	(D)	8 839	—	—	(D)	26	80	3 840
Diseases in crops and orchards..... farms, 1997..	6	7	38	35	8	40	74	13
..... farms, 1992..	27	24	18	11	10	61	11	25
acres on which used, 1997..	140	10 510	3 005	336	8	431	682	4 183
..... farms, 1992..	2 254	14 025	(D)	87	542	1 452	87	8 148
Weeds, grass, or brush in crops and pasture farms, 1997..	300	175	78	87	45	156	175	234
..... farms, 1992..	179	202	42	18	58	166	163	276
acres on which used, 1997..	35 328	99 564	7 330	1 933	3 908	8 936	6 453	143 572
..... farms, 1992..	28 816	75 058	3 672	(D)	3 992	5 903	3 354	152 818
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	4	80	—	10	5	6	6	57
..... farms, 1992..	21	103	—	1	—	44	17	103
acres on which used, 1997..	1 033	61 263	—	10	65	16	6	26 273
..... farms, 1992..	1 179	49 968	—	(D)	—	138	66	22 373
Chemicals used	Fayette	Fentress	Franklin	Gibson	Giles	Grainger	Greene	Grundy
Commercial fertilizer farms, 1997..	350	323	618	565	850	901	2 434	159
..... farms, 1992..	438	330	654	674	888	1 075	2 942	196
acres on which used, 1997..	114 804	18 214	62 334	191 459	65 321	25 597	74 358	8 441
..... farms, 1992..	106 886	19 972	55 682	167 788	59 484	20 716	64 774	11 785
Cropland fertilized, except pastureland farms, 1997..	229	240	489	466	518	766	2 241	124
..... farms, 1992..	323	222	526	615	605	1 016	2 722	138
acres on which used, 1997..	103 489	6 724	52 866	181 414	35 250	10 844	41 174	6 377
..... farms, 1992..	95 753	7 549	44 944	156 360	34 268	9 198	39 181	7 555
Pastureland and rangeland fertilized..... farms, 1997..	161	196	262	166	503	410	1 086	47
..... farms, 1992..	184	182	297	184	456	329	834	63
acres on which used, 1997..	11 315	11 490	9 468	10 045	30 071	14 753	33 184	2 064
..... farms, 1992..	11 133	12 423	10 738	11 428	25 216	11 518	25 593	4 230
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	99	91	129	158	56	194	546	37
..... farms, 1992..	138	85	164	229	70	387	856	45
acres on which used, 1997..	41 577	2 144	12 212	44 824	2 463	1 181	6 644	1 089
..... farms, 1992..	51 436	2 949	11 802	54 009	2 576	1 910	7 966	2 017
Nematodes in crops farms, 1997..	14	5	6	39	—	7	49	12
..... farms, 1992..	18	—	32	10	27	27	72	—
acres on which used, 1997..	6 862	150	564	8 834	—	187	121	21
..... farms, 1992..	8 312	—	2 533	4 715	648	93	669	—
Diseases in crops and orchards..... farms, 1997..	12	17	46	39	14	137	281	14
..... farms, 1992..	25	24	32	17	15	202	286	7
acres on which used, 1997..	8 027	180	3 142	11 589	446	749	2 283	262
..... farms, 1992..	6 972	657	1 776	2 975	750	621	1 053	280
Weeds, grass, or brush in crops and pasture farms, 1997..	152	91	283	350	229	260	594	23
..... farms, 1992..	172	65	277	381	217	258	848	91
acres on which used, 1997..	80 385	1 593	46 186	169 579	18 474	3 649	9 328	2 628
..... farms, 1992..	72 032	4 091	32 573	133 655	20 184	4 808	12 050	5 159
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	62	5	17	117	8	42	84	1
..... farms, 1992..	81	2	21	179	10	85	159	1
acres on which used, 1997..	25 653	150	2 748	31 831	(D)	176	687	(D)
..... farms, 1992..	33 798	(D)	2 256	40 329	686	175	799	(D)

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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Chemicals used	Counties							
	Hamblen	Hamilton	Hancock	Hardeman	Hardin	Hawkins	Haywood	Henderson
Commercial fertilizer farms, 1997..	482	369	589	324	376	1 490	300	538
..... 1992..	605	341	681	336	381	1 685	351	562
acres on which used, 1997..	21 733	15 643	12 529	50 441	35 163	31 710	153 610	56 949
..... 1992..	16 015	14 226	11 640	54 956	36 379	28 426	151 515	47 011
Cropland fertilized, except pastureland farms, 1997..	382	204	575	210	250	1 341	241	309
..... 1992..	550	223	665	244	285	1 589	312	314
acres on which used, 1997..	11 898	6 633	5 617	42 960	27 239	17 695	148 501	37 744
..... 1992..	9 872	7 171	5 883	43 143	28 084	16 045	148 404	25 988
Pastureland and rangeland fertilized..... farms, 1997..	264	230	171	139	174	580	98	352
..... 1992..	225	215	113	173	155	496	76	322
acres on which used, 1997..	9 835	9 010	6 912	7 481	7 924	14 015	5 109	19 205
..... 1992..	6 143	7 055	5 757	11 813	8 295	12 381	3 111	21 023
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	75	23	156	56	23	252	146	40
..... 1992..	152	36	187	98	62	364	182	46
acres on which used, 1997..	1 033	185	552	12 235	3 236	924	84 268	9 309
..... 1992..	1 858	232	980	22 725	3 043	1 395	84 156	4 165
Nematodes in crops farms, 1997..	5	—	11	1	—	41	18	1
..... 1992..	16	2	5	11	17	13	16	12
acres on which used, 1997..	15	—	37	(D)	—	422	6 356	(D)
..... 1992..	1 135	(D)	15	3 620	944	34	9 981	240
Diseases in crops and orchards..... farms, 1997..	37	8	90	17	4	197	22	3
..... 1992..	70	18	119	16	18	202	35	9
acres on which used, 1997..	278	8	378	4 483	(D)	851	7 367	(D)
..... 1992..	778	26	568	1 933	(D)	605	13 140	563
Weeds, grass, or brush in crops and pasture farms, 1997..	111	48	121	122	123	264	189	213
..... 1992..	106	64	160	139	168	376	188	153
acres on which used, 1997..	3 305	1 260	3 434	38 531	18 666	3 300	117 742	27 849
..... 1992..	3 274	2 419	3 130	29 304	21 727	1 952	117 613	21 198
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	2	—	12	25	3	49	104	15
..... 1992..	38	10	73	46	18	128	155	10
acres on which used, 1997..	(D)	—	74	9 895	1 625	119	56 277	3 600
..... 1992..	822	10	311	16 435	1 241	444	81 550	790
Chemicals used	Counties							
	Henry	Hickman	Houston	Humphreys	Jackson	Jefferson	Johnson	Knox
Commercial fertilizer farms, 1997..	537	458	227	429	448	868	566	680
..... 1992..	545	353	178	360	461	952	783	779
acres on which used, 1997..	81 039	31 317	15 054	29 932	8 987	31 168	11 310	23 142
..... 1992..	70 766	29 202	13 787	26 301	7 119	35 573	9 736	25 645
Cropland fertilized, except pastureland farms, 1997..	402	277	105	304	370	647	535	436
..... 1992..	491	228	98	218	441	762	764	579
acres on which used, 1997..	70 957	18 324	4 939	21 400	3 742	15 509	5 993	12 231
..... 1992..	57 875	13 624	4 379	18 401	3 994	21 076	6 199	14 166
Pastureland and rangeland fertilized..... farms, 1997..	188	256	153	240	156	487	170	410
..... 1992..	157	244	133	200	56	410	195	386
acres on which used, 1997..	10 082	12 993	10 115	8 532	5 245	15 659	5 317	10 911
..... 1992..	12 891	15 578	9 408	7 900	3 125	14 497	3 537	11 479
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	105	53	14	38	114	221	137	94
..... 1992..	117	14	27	34	189	245	270	175
acres on which used, 1997..	10 983	823	279	955	693	2 368	1 234	1 789
..... 1992..	6 551	853	517	2 167	1 494	4 530	1 751	1 600
Nematodes in crops farms, 1997..	9	—	—	—	9	32	10	1
..... 1992..	2	—	—	—	16	39	37	14
acres on which used, 1997..	581	—	—	—	9	808	10	(D)
..... 1992..	(D)	—	—	—	232	54	126	72
Diseases in crops and orchards..... farms, 1997..	29	19	—	12	39	62	197	39
..... 1992..	35	7	6	10	116	105	204	50
acres on which used, 1997..	689	197	—	80	219	583	584	100
..... 1992..	1 962	105	43	26	543	494	624	106
Weeds, grass, or brush in crops and pasture farms, 1997..	286	105	35	112	89	165	156	154
..... 1992..	283	64	12	104	77	284	178	166
acres on which used, 1997..	57 814	7 851	1 537	10 605	988	6 298	2 070	2 900
..... 1992..	45 957	5 915	(D)	12 806	1 297	8 892	1 498	3 485
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	10	16	—	—	15	44	3	10
..... 1992..	4	7	5	—	35	70	48	17
acres on which used, 1997..	150	186	—	—	85	124	9	20
..... 1992..	(D)	56	300	—	113	1 040	71	31

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—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, 1997..	51	361	959	135	1 036	526	739
..... farms, 1992..	73	329	1 029	123	1 145	553	655	452
acres on which used, 1997..	32 576	100 077	68 323	7 951	75 486	23 257	39 831	32 700
..... acres on which used, 1992..	48 969	95 302	65 109	5 573	89 421	23 616	31 481	38 091
Cropland fertilized, except pastureland farms, 1997..	50	313	579	74	755	411	513	301
..... farms, 1992..	72	248	669	93	945	471	505	338
acres on which used, 1997..	(D)	95 754	38 125	3 489	52 165	12 730	20 690	28 169
..... acres on which used, 1992..	(D)	87 729	36 655	2 802	65 921	13 217	18 722	30 988
Pastureland and rangeland fertilized..... farms, 1997..	3	84	630	86	454	272	463	160
..... farms, 1992..	3	111	558	56	426	236	296	198
acres on which used, 1997..	(D)	4 323	30 198	4 462	23 321	10 527	19 141	4 531
..... acres on which used, 1992..	(D)	7 573	28 454	2 771	23 500	10 399	12 759	7 103
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	25	149	111	5	122	90	89	24
..... farms, 1992..	39	168	128	18	179	146	173	78
acres on which used, 1997..	14 937	33 258	8 583	(D)	8 007	1 805	1 811	5 479
..... acres on which used, 1992..	18 255	42 411	7 502	227	11 604	1 948	2 156	7 440
Nematodes in crops farms, 1997..	3	—	1	—	10	18	—	—
..... farms, 1992..	—	5	2	—	18	22	19	3
acres on which used, 1997..	2 725	—	(D)	—	130	298	—	—
..... acres on which used, 1992..	—	1 174	(D)	—	351	286	202	1 580
Diseases in crops and orchards..... farms, 1997..	8	46	34	3	51	37	53	10
..... farms, 1992..	8	59	45	2	40	33	34	25
acres on which used, 1997..	3 229	5 432	420	(D)	1 778	715	571	499
..... acres on which used, 1992..	3 343	5 918	217	(D)	2 642	401	279	3 503
Weeds, grass, or brush in crops and pasture farms, 1997..	56	236	237	24	302	84	135	145
..... farms, 1992..	69	235	227	28	234	120	101	157
acres on which used, 1997..	66 161	107 102	20 202	1 608	36 048	2 273	6 990	19 914
..... acres on which used, 1992..	68 228	101 388	20 553	1 817	33 216	3 128	5 270	30 337
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	17	75	8	—	12	16	7	2
..... farms, 1992..	26	95	46	—	31	33	17	14
acres on which used, 1997..	9 052	24 467	410	—	1 425	170	7	(D)
..... acres on which used, 1992..	10 249	39 963	3 150	—	3 529	390	201	1 992
Chemicals used								
	Macon	Madison	Marion	Marshall	Maury	Meigs	Monroe	Montgomery
Commercial fertilizer farms, 1997..	1 102	316	181	597	846	256	586	687
..... farms, 1992..	1 216	342	161	587	948	230	697	777
acres on which used, 1997..	42 628	66 210	11 923	40 154	49 418	14 728	37 535	53 524
..... acres on which used, 1992..	27 917	78 887	14 950	40 528	46 565	13 444	36 782	70 632
Cropland fertilized, except pastureland farms, 1997..	976	235	120	437	666	181	469	548
..... farms, 1992..	1 136	305	105	467	784	200	593	670
acres on which used, 1997..	24 133	59 024	8 939	24 468	34 358	6 553	21 465	37 162
..... acres on which used, 1992..	16 713	73 926	11 944	28 645	32 210	8 258	24 352	49 804
Pastureland and rangeland fertilized..... farms, 1997..	461	159	86	320	365	156	364	290
..... farms, 1992..	335	90	63	230	300	117	312	284
acres on which used, 1997..	18 495	7 186	2 984	15 686	15 060	8 175	16 070	16 362
..... acres on which used, 1992..	11 204	4 961	3 006	11 883	14 355	5 186	12 430	20 828
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	475	81	15	81	188	25	95	296
..... farms, 1992..	623	132	21	137	242	57	168	374
acres on which used, 1997..	2 728	26 743	598	2 509	2 578	622	3 086	8 763
..... acres on which used, 1992..	3 713	45 374	2 136	2 800	3 355	1 238	2 117	9 761
Nematodes in crops farms, 1997..	78	3	4	9	8	—	2	29
..... farms, 1992..	84	13	—	1	18	—	9	13
acres on which used, 1997..	212	940	8	(D)	37	—	(D)	669
..... acres on which used, 1992..	866	4 420	—	(D)	590	—	(D)	222
Diseases in crops and orchards..... farms, 1997..	210	21	1	9	54	—	29	123
..... farms, 1992..	196	23	10	17	55	2	32	72
acres on which used, 1997..	1 287	3 460	(D)	40	1 809	—	618	3 397
..... acres on which used, 1992..	969	8 556	107	49	988	(D)	123	3 005
Weeds, grass, or brush in crops and pasture farms, 1997..	298	182	41	104	206	9	135	231
..... farms, 1992..	313	135	57	101	207	26	117	224
acres on which used, 1997..	8 159	51 015	8 285	12 599	18 105	869	8 571	18 924
..... acres on which used, 1992..	4 154	53 626	8 359	8 634	19 079	1 610	6 663	28 119
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	61	60	10	9	31	1	11	33
..... farms, 1992..	126	107	—	25	47	10	9	11
acres on which used, 1997..	381	21 010	86	10	610	(D)	259	340
..... acres on which used, 1992..	533	36 482	—	631	575	385	426	1 904

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	County							
	Moore	Morgan	Obion	Overton	Perry	Pickett	Polk	Putnam
Commercial fertilizer farms, 1997..	206	235	472	678	141	302	113	834
..... farms, 1992..	241	231	537	675	138	341	136	801
acres on which used, 1997..	11 628	14 419	145 624	27 086	8 685	7 238	9 556	29 312
..... acres on which used, 1992..	11 777	6 384	140 715	28 155	7 652	9 384	9 562	24 407
Cropland fertilized, except pastureland farms, 1997..	156	192	421	533	103	260	77	575
..... farms, 1992..	196	158	503	500	107	265	117	643
acres on which used, 1997..	7 747	9 231	138 165	13 489	6 644	2 548	6 906	12 634
..... acres on which used, 1992..	7 552	3 336	135 447	10 729	4 544	3 812	8 318	11 875
Pastureland and rangeland fertilized..... farms, 1997..	101	130	104	362	78	160	53	408
..... farms, 1992..	99	136	54	343	66	159	36	345
acres on which used, 1997..	3 881	5 188	7 459	13 597	2 041	4 690	2 650	16 678
..... acres on which used, 1992..	4 225	3 048	5 268	17 426	3 108	5 572	1 244	12 532
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	40	25	108	152	3	118	23	197
..... farms, 1992..	95	29	162	246	13	65	16	269
acres on which used, 1997..	127	431	19 338	1 769	(D)	795	1 162	986
..... acres on which used, 1992..	984	194	23 160	1 862	211	264	4 046	1 596
Nematodes in crops farms, 1997..	14	—	5	17	1	9	—	12
..... farms, 1992..	—	1	11	10	—	7	—	2
acres on which used, 1997..	(D)	—	3 630	363	(D)	122	—	135
..... acres on which used, 1992..	—	(D)	619	19	—	35	—	(D)
Diseases in crops and orchards..... farms, 1997..	22	6	67	56	2	64	5	56
..... farms, 1992..	11	16	45	107	8	31	—	90
acres on which used, 1997..	22	11	4 975	159	(D)	204	12	277
..... acres on which used, 1992..	91	62	2 503	308	22	358	—	462
Weeds, grass, or brush in crops and pasture farms, 1997..	70	57	322	117	45	46	25	184
..... farms, 1992..	76	61	379	118	66	36	35	189
acres on which used, 1997..	3 237	2 172	128 750	2 190	3 439	562	5 129	3 629
..... acres on which used, 1992..	845	1 595	148 947	2 901	3 485	395	2 991	5 199
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	4	15	2	—	8	—	47
..... farms, 1992..	32	15	42	41	—	15	—	54
acres on which used, 1997..	—	4	7 504	(D)	—	16	—	163
..... acres on which used, 1992..	32	51	7 276	276	—	37	—	247
Chemicals used	County							
	Rhea	Roane	Robertson	Rutherford	Scott	Sequatchie	Sevier	Shelby
Commercial fertilizer farms, 1997..	260	365	1 092	759	141	101	562	358
..... farms, 1992..	218	367	1 151	746	182	103	665	353
acres on which used, 1997..	19 254	15 800	95 136	51 155	5 610	5 805	19 896	55 526
..... acres on which used, 1992..	14 775	11 544	96 563	48 069	6 140	6 541	16 911	54 307
Cropland fertilized, except pastureland farms, 1997..	190	281	897	521	119	79	410	225
..... farms, 1992..	181	278	1 078	548	161	58	524	232
acres on which used, 1997..	12 593	7 903	73 492	31 741	2 837	3 436	8 934	49 431
..... acres on which used, 1992..	10 580	5 538	75 991	32 567	3 807	3 674	8 343	49 752
Pastureland and rangeland fertilized..... farms, 1997..	140	187	450	389	73	48	301	174
..... farms, 1992..	103	181	352	361	65	64	269	147
acres on which used, 1997..	6 661	7 897	21 644	19 414	2 773	2 369	10 962	6 095
..... acres on which used, 1992..	4 195	6 006	20 572	15 502	2 333	2 867	8 568	4 555
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	48	82	504	73	9	9	115	75
..... farms, 1992..	52	94	664	116	13	10	200	92
acres on which used, 1997..	668	231	24 506	5 490	205	140	564	8 867
..... acres on which used, 1992..	2 509	1 020	15 132	5 337	193	231	1 259	20 247
Nematodes in crops farms, 1997..	4	—	67	6	—	—	17	12
..... farms, 1992..	3	8	41	22	—	—	29	11
acres on which used, 1997..	193	—	1 707	36	—	—	96	1 288
..... acres on which used, 1992..	(D)	8	506	986	—	—	158	5 567
Diseases in crops and orchards..... farms, 1997..	5	15	201	7	5	9	55	35
..... farms, 1992..	37	18	149	22	13	7	36	23
acres on which used, 1997..	232	17	11 555	(D)	75	120	224	4 611
..... acres on which used, 1992..	2 200	248	4 105	251	13	120	82	2 708
Weeds, grass, or brush in crops and pasture farms, 1997..	32	96	499	223	25	22	145	127
..... farms, 1992..	30	67	519	168	29	19	160	134
acres on which used, 1997..	6 595	1 118	47 784	18 922	341	1 976	2 853	47 221
..... acres on which used, 1992..	3 422	1 522	50 732	14 169	846	2 871	2 528	53 407
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	7	—	31	20	—	—	29	27
..... farms, 1992..	10	7	63	13	—	—	23	49
acres on which used, 1997..	7	—	4 702	1 829	—	—	29	7 045
..... acres on which used, 1992..	286	33	1 699	657	—	—	47	17 351

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	Smith	Stewart	Sullivan	Sumner	Tipton	Trousdale	Unicoi	Union
	Commercial fertilizer farms, 1997..	745	241	914	1 028	406	305	118
..... 1992..	852	221	1 065	1 178	404	339	189	429
acres on which used, 1997..	29 717	13 183	26 376	49 413	95 397	14 590	1 953	12 840
..... 1992..	24 264	10 749	19 385	41 019	106 355	13 188	2 238	9 584
Cropland fertilized, except pastureland farms, 1997..	654	177	828	840	291	270	114	352
..... 1992..	765	200	986	967	345	328	176	373
acres on which used, 1997..	16 309	7 537	15 477	33 393	91 369	8 558	(D)	6 355
..... 1992..	12 907	7 434	12 881	24 450	101 814	8 125	(D)	4 009
Pastureland and rangeland fertilized..... farms, 1997..	283	119	438	430	136	126	41	152
..... 1992..	215	44	295	422	97	90	31	201
acres on which used, 1997..	13 408	5 646	10 899	16 020	4 028	6 032	(D)	6 485
..... 1992..	11 357	3 315	6 504	16 569	4 541	5 063	(D)	5 575
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	264	87	166	376	106	161	43	113
..... 1992..	334	86	249	495	157	217	81	115
acres on which used, 1997..	3 681	625	1 840	5 745	39 643	1 538	145	995
..... 1992..	1 967	1 038	2 449	6 389	57 049	2 096	(D)	682
Nematodes in crops farms, 1997..	23	—	33	39	15	—	6	18
..... 1992..	13	—	27	31	5	42	6	12
acres on which used, 1997..	83	—	365	880	4 046	—	18	42
..... 1992..	64	—	211	481	1 834	1 036	18	510
Diseases in crops and orchards..... farms, 1997..	91	14	124	132	23	55	25	38
..... 1992..	142	21	175	112	32	62	58	63
acres on which used, 1997..	2 329	75	279	1 929	5 768	814	52	368
..... 1992..	950	170	406	1 532	16 455	630	168	191
Weeds, grass, or brush in crops and pasture farms, 1997..	213	48	237	323	237	76	28	116
..... 1992..	176	63	292	306	219	109	62	70
acres on which used, 1997..	11 542	3 739	3 794	19 858	95 249	3 577	88	998
..... 1992..	5 301	3 986	3 609	16 995	101 453	3 132	283	609
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	28	7	32	28	65	—	9	8
..... 1992..	47	—	75	57	135	24	18	26
acres on which used, 1997..	200	56	39	89	36 337	—	15	32
..... 1992..	293	—	99	476	43 992	276	41	110
Chemicals used	Van Buren	Warren	Washington	Wayne	Weakley	White	Williamson	Wilson
Commercial fertilizer farms, 1997..	150	984	1 444	518	592	792	731	886
..... 1992..	163	928	1 551	464	621	857	776	907
acres on which used, 1997..	11 259	56 715	46 901	28 293	125 446	42 643	41 642	37 682
..... 1992..	7 827	50 535	41 008	23 801	111 251	39 661	40 960	36 974
Cropland fertilized, except pastureland farms, 1997..	123	715	1 278	310	466	597	494	665
..... 1992..	127	827	1 443	252	591	689	574	717
acres on which used, 1997..	4 385	35 892	27 944	12 480	119 082	21 068	25 818	21 879
..... 1992..	3 069	34 902	25 005	9 127	106 653	19 904	26 476	20 432
Pastureland and rangeland fertilized..... farms, 1997..	103	463	696	304	198	470	355	383
..... 1992..	85	303	569	296	133	415	328	409
acres on which used, 1997..	6 874	20 823	18 957	15 813	6 364	21 575	15 824	15 803
..... 1992..	4 758	15 633	16 003	14 674	4 598	19 757	14 484	16 542
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	39	246	259	30	77	149	138	128
..... 1992..	14	312	466	6	113	245	282	188
acres on which used, 1997..	150	8 539	5 042	260	10 258	768	2 577	594
..... 1992..	204	7 066	5 008	(D)	10 769	1 810	6 722	1 051
Nematodes in crops farms, 1997..	3	20	54	—	3	19	9	8
..... 1992..	1	24	50	1	26	11	45	23
acres on which used, 1997..	12	912	1 372	—	675	20	80	32
..... 1992..	(D)	509	1 279	(D)	1 156	11	2 279	776
Diseases in crops and orchards..... farms, 1997..	11	145	133	11	14	42	44	22
..... 1992..	2	162	218	19	27	58	33	59
acres on which used, 1997..	53	4 575	1 924	236	2 822	121	370	120
..... 1992..	(D)	2 042	1 960	25	653	282	381	297
Weeds, grass, or brush in crops and pasture farms, 1997..	40	438	303	81	316	224	185	200
..... 1992..	37	428	379	35	367	171	214	220
acres on which used, 1997..	856	21 654	8 342	5 556	97 135	6 826	8 109	4 340
..... 1992..	1 170	15 213	9 706	3 707	100 745	6 195	14 614	10 349
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	21	49	7	13	27	21	25
..... 1992..	—	36	85	2	45	37	32	35
acres on which used, 1997..	(D)	198	114	258	1 335	146	155	181
..... 1992..	—	502	659	(D)	1 838	214	1 645	128