

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

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

Item	Tennessee	Anderson	Bedford	Benton	Bledsoe	Blount	Bradley	Campbell
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	46,460	359	576	171	345	936	437	214
1997	57,751	380	801	284	397	801	429	325
acres treated, 2002	4,020,902	10,112	46,437	16,818	25,586	46,071	19,313	12,876
1997	4,015,287	13,214	48,730	18,997	25,951	35,497	20,274	9,994
Cropland fertilized, except cropland pastured farms, 2002	32,543	186	431	92	288	649	212	201
1997	43,713	247	579	155	315	547	287	266
acres treated, 2002	2,855,209	2,940	29,845	11,940	15,147	23,603	8,357	5,246
1997	2,937,121	4,983	35,016	8,646	15,693	18,414	11,387	4,763
Pastureland and rangeland fertilized farms, 2002	27,784	295	310	124	213	599	324	140
1997	27,393	219	356	183	171	494	245	183
acres treated, 2002	1,165,693	7,172	16,592	4,878	10,439	22,468	10,956	7,630
1997	1,078,166	8,231	13,714	10,351	10,258	17,083	8,887	5,231
Manure farms, 2002	7,999	63	342	62	147	147	74	42
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	225,199	1,257	13,376	354	1,104	2,515	3,286	3,276
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ² farms, 2002	9,093	44	63	26	60	100	45	65
1997	11,721	18	119	16	70	105	51	46
acres treated, 2002	1,032,685	127	4,672	756	1,642	2,262	1,339	421
1997	710,379	86	4,718	1,476	2,244	3,032	1,403	205
Weeds, grass, or brush farms, 2002	19,968	132	369	64	53	372	173	78
1997	16,467	48	233	87	48	167	124	54
acres treated, 2002	2,185,450	3,025	27,332	7,588	1,872	13,137	4,325	1,671
1997	2,126,102	818	19,603	5,107	2,714	5,463	5,769	954
Nematodes farms, 2002	760	-	-	-	15	1	5	-
1997	1,069	-	1	-	-	17	6	14
acres treated, 2002	91,759	-	(D)	-	469	(D)	388	-
1997	58,968	-	-	-	-	521	374	105
Diseases in crops and orchards farms, 2002	2,543	20	36	-	9	14	7	7
1997	4,944	3	25	6	61	37	37	46
acres treated, 2002	161,402	66	348	-	544	530	-	7
1997	151,251	(D)	485	36	1,331	372	114	178
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	2,907	11	18	-	1	15	1	-
1997	2,041	2	20	-	8	1	-	9
acres on which used, 2002	542,879	11	356	-	(D)	110	(D)	-
1997	372,441	(D)	357	-	(D)	(D)	-	9
Item	Cannon	Carroll	Carter	Cheatham	Chester	Claiborne	Clay	Cocke
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	325	367	356	422	265	974	362	611
1997	455	644	577	404	258	1,339	431	791
acres treated, 2002	26,296	75,904	12,862	22,055	19,569	39,855	23,647	15,378
1997	25,354	70,846	11,336	19,824	19,466	34,756	15,453	19,978
Cropland fertilized, except cropland pastured farms, 2002	212	256	277	269	165	901	228	452
1997	339	395	432	296	163	1,243	374	676
acres treated, 2002	19,362	67,188	6,726	12,715	12,737	16,521	10,823	8,124
1997	14,839	59,568	5,275	10,991	14,358	14,002	7,289	11,146
Pastureland and rangeland fertilized farms, 2002	206	191	171	289	145	545	260	342
1997	192	317	274	199	148	514	164	311
acres treated, 2002	6,934	8,716	6,136	9,340	6,832	23,334	12,824	7,254
1997	10,515	11,278	6,061	8,833	5,108	20,754	8,164	8,832
Manure farms, 2002	98	66	41	28	35	112	59	113
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,794	1,192	364	1,375	273	1,221	1,977	2,567
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ² farms, 2002	51	48	71	140	40	297	104	159
1997	93	81	110	153	33	299	163	188
acres treated, 2002	4,470	29,392	442	1,469	3,459	6,033	615	2,790
1997	3,198	13,796	716	1,431	2,413	1,758	957	2,245
Weeds, grass, or brush farms, 2002	167	144	199	270	86	363	134	163
1997	165	201	160	169	100	312	78	126
acres treated, 2002	15,535	52,257	6,273	7,464	14,388	14,660	6,432	3,624
1997	12,379	45,432	2,080	6,580	9,781	4,809	2,163	1,471
Nematodes farms, 2002	-	13	-	8	1	-	19	25
1997	1	2	2	28	6	16	-	24
acres treated, 2002	-	1,929	-	16	(D)	-	185	(D)
1997	(D)	(D)	(D)	72	300	192	-	485
Diseases in crops and orchards farms, 2002	18	4	29	16	22	86	21	55
1997	42	25	68	66	1	226	45	124
acres treated, 2002	525	5,050	140	128	336	195	185	1,061
1997	567	2,909	383	297	(D)	1,463	155	1,174
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	15	29	13	47	26	123	21	47
1997	2	44	1	-	11	56	-	20
acres on which used, 2002	306	19,292	200	905	832	1,597	475	417
1997	(D)	5,732	(D)	-	1,308	254	-	30

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Coffee	Crockett	Cumberland	Davidson	Decatur	DeKalb	Dickson	Dyer
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	510	278	572	194	216	452	616	253
1997	755	396	633	198	253	576	812	409
acres treated, 2002	60,634	101,515	41,695	7,819	15,210	24,651	26,074	120,261
1997	65,052	124,551	37,311	5,058	18,006	25,416	40,447	133,789
Cropland fertilized, except cropland pastured farms, 2002	327	205	401	107	94	361	412	205
1997	486	294	366	124	182	399	533	303
acres treated, 2002	43,228	97,018	25,828	2,952	7,494	14,838	14,397	114,688
1997	47,458	120,407	20,055	1,831	9,236	13,941	21,203	126,716
Pastureland and rangeland fertilized farms, 2002	285	104	421	127	171	226	327	80
1997	439	134	402	100	115	277	463	123
acres treated, 2002	17,406	4,497	15,867	4,867	7,716	9,813	11,677	5,573
1997	17,594	4,144	17,256	3,227	8,770	11,475	19,244	7,073
Manure farms, 2002	112	28	96	49	12	37	89	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,228	320	7,106	220	1,448	941	1,284	423
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	91	175	48	25	9	58	87	77
1997	90	172	86	104	42	163	130	74
acres treated, 2002	9,214	85,941	7,276	35	3,754	1,048	930	54,287
1997	7,825	71,856	9,900	1,473	2,391	1,940	1,280	35,353
Weeds, grass, or brush farms, 2002	278	165	147	83	65	347	155	189
1997	345	198	78	109	49	156	205	263
acres treated, 2002	40,351	76,947	11,312	2,647	4,743	11,774	3,955	130,102
1997	37,606	106,994	7,976	2,176	3,987	9,041	5,726	155,972
Nematodes farms, 2002	26	18	1	2	1	2	11	16
1997	9	13	1	12	5	5	7	6
acres treated, 2002	(D)	22,405	(D)	(D)	(D)	(D)	506	6,561
1997	(D)	4,201	138	14	13	14	14	2,198
Diseases in crops and orchards farms, 2002	15	34	12	2	1	26	19	22
1997	6	7	46	47	13	44	80	16
acres treated, 2002	(D)	8,464	(D)	(D)	(D)	448	89	11,655
1997	140	10,510	5,145	378	13	620	764	5,503
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	3	105	11	1	-	1	15	49
1997	4	93	-	12	5	6	7	62
acres on which used, 2002	(D)	72,806	113	(D)	-	(D)	578	26,492
1997	1,033	66,539	-	12	65	16	7	29,573
Item	Fayette	Fentress	Franklin	Gibson	Giles	Grainger	Greene	Grundy
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	380	298	605	544	798	797	2,191	184
1997	400	362	683	644	954	993	2,628	189
acres treated, 2002	127,024	24,356	63,219	229,611	55,896	20,715	89,312	6,425
1997	119,017	18,150	65,121	205,838	67,485	27,232	74,539	9,136
Cropland fertilized, except cropland pastured farms, 2002	241	189	452	394	442	597	1,590	153
1997	251	263	533	529	575	834	2,399	140
acres treated, 2002	111,198	10,785	53,811	214,044	30,808	9,156	39,346	5,588
1997	106,980	7,282	55,356	195,137	37,485	11,577	41,521	6,686
Pastureland and rangeland fertilized farms, 2002	206	175	304	260	561	512	1,556	31
1997	192	211	287	183	566	449	1,154	62
acres treated, 2002	15,826	13,571	9,408	15,567	25,088	11,559	49,966	837
1997	12,037	10,868	9,765	10,701	30,000	15,655	33,018	2,450
Manure farms, 2002	37	111	165	79	146	126	509	73
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,497	6,059	7,916	1,166	2,577	1,755	9,103	1,431
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	157	56	52	226	142	133	413	105
1997	104	96	140	175	60	204	573	43
acres treated, 2002	61,709	2,656	7,520	95,846	6,376	1,158	5,331	1,705
1997	42,649	2,275	12,498	47,795	3,381	1,250	6,737	1,116
Weeds, grass, or brush farms, 2002	244	76	342	344	501	285	716	93
1997	163	99	317	390	247	279	629	24
acres treated, 2002	99,358	3,621	31,545	170,633	28,538	9,413	13,289	2,997
1997	83,509	1,871	50,102	181,968	20,716	3,713	9,544	2,481
Nematodes farms, 2002	6	2	3	47	-	-	11	-
1997	14	5	7	40	-	7	53	15
acres treated, 2002	2,260	(D)	18	5,900	-	-	49	-
1997	7,237	150	567	8,846	-	187	126	24
Diseases in crops and orchards farms, 2002	6	21	13	29	8	27	82	47
1997	13	17	50	42	17	147	295	18
acres treated, 2002	2,097	1,012	520	10,597	8	541	601	666
1997	8,277	180	3,243	11,403	767	785	2,324	283
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	54	18	12	115	2	81	191	21
1997	70	5	26	126	10	47	88	1
acres on which used, 2002	35,756	159	3,556	48,484	(D)	827	2,778	143
1997	27,201	150	2,778	33,762	(D)	191	695	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Hamblen	Hamilton	Hancock	Hardeman	Hardin	Hawkins	Haywood	Henderson
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	395	283	448	241	354	1,438	237	559
1997	530	442	641	377	440	1,634	355	593
acres treated, 2002	16,716	8,957	16,240	39,390	43,546	47,248	147,546	54,023
1997	22,072	16,327	11,933	53,266	38,021	33,253	168,286	52,694
Cropland fertilized, except cropland pastured farms, 2002	285	202	405	151	234	1,144	197	371
1997	419	245	619	237	293	1,459	285	325
acres treated, 2002	11,122	4,955	7,749	27,833	21,710	23,624	144,666	36,880
1997	12,286	7,306	5,521	44,915	29,880	18,561	162,466	32,792
Pastureland and rangeland fertilized farms, 2002	254	134	179	121	198	894	75	281
1997	279	275	182	170	197	625	106	396
acres treated, 2002	5,594	4,002	8,491	11,557	21,836	23,624	2,880	17,143
1997	9,786	9,021	6,412	8,351	8,141	14,692	5,820	19,902
Manure farms, 2002	70	59	53	16	25	218	16	36
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,066	1,424	1,160	536	197	2,963	833	1,033
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	83	30	132	64	20	258	128	73
1997	79	29	158	56	26	258	161	38
acres treated, 2002	3,198	381	814	22,414	2,775	1,850	123,983	6,559
1997	1,065	191	535	12,488	3,327	993	89,916	8,232
Weeds, grass, or brush farms, 2002	133	146	203	100	166	576	145	250
1997	127	64	119	133	140	283	223	219
acres treated, 2002	6,543	6,498	6,089	25,930	23,740	11,012	124,644	15,704
1997	3,563	1,394	2,810	38,148	20,233	3,678	124,388	23,350
Nematodes farms, 2002	3	1	10	18	-	7	1	1
1997	6	-	9	1	-	42	18	1
acres treated, 2002	(D)	(D)	130	737	-	14	6,537	(D)
1997	18	-	24	(D)	-	429	7,013	(D)
Diseases in crops and orchards farms, 2002	45	21	26	21	11	104	11	1
1997	40	13	91	15	5	203	25	3
acres treated, 2002	608	21	62	12,241	(D)	577	17,794	(D)
1997	295	13	365	5,253	(D)	876	7,476	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	20	-	20	20	2	102	83	19
1997	2	-	13	24	3	51	115	17
acres on which used, 2002	536	-	641	12,305	(D)	2,251	102,677	4,055
1997	(D)	-	79	10,176	1,625	127	60,230	3,940
Item	Henry	Hickman	Houston	Humphreys	Jackson	Jefferson	Johnson	Knox
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	406	361	199	417	336	819	488	824
1997	593	519	255	501	497	967	616	807
acres treated, 2002	83,068	27,965	16,304	38,541	12,595	28,245	14,494	29,914
1997	83,425	33,919	15,005	31,083	9,653	32,418	11,516	26,447
Cropland fertilized, except cropland pastured farms, 2002	286	295	124	281	275	530	436	607
1997	436	309	116	345	399	710	578	506
acres treated, 2002	72,249	15,820	6,987	28,349	7,703	14,910	6,180	13,754
1997	72,633	20,324	5,068	22,188	3,970	16,340	6,128	13,855
Pastureland and rangeland fertilized farms, 2002	213	238	142	213	174	484	206	533
1997	214	290	171	276	176	538	185	486
acres treated, 2002	10,819	12,145	9,317	10,192	4,892	13,335	8,314	16,160
1997	10,792	13,595	9,937	8,895	5,683	16,078	5,388	12,592
Manure farms, 2002	46	51	12	73	59	150	42	153
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,945	4,353	320	1,562	776	3,889	577	2,182
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	156	80	10	14	58	97	90	44
1997	116	59	15	47	125	240	151	101
acres treated, 2002	20,570	1,443	943	5,762	171	1,673	1,279	(D)
1997	11,072	933	250	1,025	770	2,429	1,278	2,059
Weeds, grass, or brush farms, 2002	257	156	44	135	93	303	141	249
1997	313	105	38	133	100	177	166	180
acres treated, 2002	60,784	7,277	3,147	14,737	2,327	13,779	1,597	6,192
1997	59,645	8,698	1,567	11,535	1,045	6,402	2,087	3,102
Nematodes farms, 2002	16	-	1	1	-	15	9	2
1997	9	-	-	-	9	32	10	1
acres treated, 2002	16	-	(D)	(D)	-	(D)	9	(D)
1997	581	-	-	-	9	811	10	(D)
Diseases in crops and orchards farms, 2002	18	1	-	3	8	15	66	21
1997	34	24	-	16	44	67	211	41
acres treated, 2002	4,352	(D)	-	251	8	382	374	31
1997	710	198	-	95	250	595	615	105
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	39	45	4	3	4	35	26	2
1997	12	15	-	-	17	48	3	15
acres on which used, 2002	793	334	84	9	262	423	240	(D)
1997	172	181	-	-	101	137	9	25

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Lake	Lauderdale	Lawrence	Lewis	Lincoln	Loudon	McMinn	McNairy
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	46	245	915	106	893	443	627	319
1997	53	412	1,061	156	1,141	595	856	466
acres treated, 2002	34,022	110,899	78,284	5,749	95,374	26,593	36,677	40,602
1997	32,617	99,452	72,896	8,583	80,274	28,350	41,955	34,545
Cropland fertilized, except cropland pastured farms, 2002	46	242	506	61	523	289	363	239
1997	51	352	639	84	825	463	583	357
acres treated, 2002	34,022	108,585	38,513	3,383	62,806	14,976	17,796	29,962
1997	(D)	94,922	42,059	3,939	55,328	15,824	21,542	29,943
Pastureland and rangeland fertilized farms, 2002	-	49	648	64	634	278	444	213
1997	4	96	683	98	510	306	539	177
acres treated, 2002	-	2,314	39,771	2,366	32,568	11,617	18,881	10,640
1997	(D)	4,530	30,837	4,644	24,946	12,526	20,413	4,602
Manure farms, 2002	-	14	131	26	178	113	161	16
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	2,702	4,223	427	8,981	4,274	4,437	516
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	25	156	65	8	175	49	83	43
1997	25	165	127	6	134	103	99	28
acres treated, 2002	18,751	78,809	5,316	100	23,252	1,876	3,019	5,173
1997	14,937	33,210	11,034	(D)	8,929	1,976	1,897	5,573
Weeds, grass, or brush farms, 2002	41	144	233	37	459	183	187	229
1997	59	264	266	27	348	100	138	169
acres treated, 2002	50,695	107,843	26,543	2,396	63,987	8,022	10,238	23,090
1997	66,724	107,679	23,401	1,983	38,765	2,629	7,175	20,675
Nematodes farms, 2002	1	8	-	-	23	-	1	-
1997	3	-	2	-	10	22	-	-
acres treated, 2002	(D)	2,526	(D)	-	556	-	(D)	-
1997	2,725	-	(D)	-	130	303	-	-
Diseases in crops and orchards farms, 2002	4	41	45	-	55	-	1	13
1997	8	47	44	5	54	42	60	13
acres treated, 2002	2,521	23,180	978	-	4,107	-	(D)	(D)
1997	3,229	5,337	473	(D)	1,781	721	582	557
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	13	74	2	1	40	-	5	4
1997	17	74	9	-	14	16	9	2
acres on which used, 2002	10,085	39,215	(D)	(D)	14,326	-	395	(D)
1997	9,052	24,648	455	-	2,138	170	9	(D)
Item	Macon	Madison	Marion	Marshall	Maury	Meigs	Monroe	Montgomery
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	922	330	148	444	786	244	467	718
1997	1,221	380	217	672	923	300	659	751
acres treated, 2002	45,712	76,122	13,611	26,262	62,162	13,810	31,680	49,953
1997	42,215	72,060	13,349	44,459	52,475	16,810	38,937	54,888
Cropland fertilized, except cropland pastured farms, 2002	771	188	104	345	515	166	278	519
1997	1,069	274	145	495	702	216	515	584
acres treated, 2002	27,471	68,143	9,300	18,810	37,246	5,672	13,769	29,414
1997	24,293	64,199	9,805	27,942	36,052	7,593	22,547	37,734
Pastureland and rangeland fertilized farms, 2002	497	178	92	217	421	190	361	384
1997	485	196	101	347	413	174	410	325
acres treated, 2002	18,241	7,979	4,311	7,452	24,916	8,138	17,911	20,539
1997	17,922	7,861	3,544	16,517	16,423	9,217	16,390	17,154
Manure farms, 2002	96	5	49	30	122	31	93	57
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,768	274	2,349	1,488	2,334	297	2,884	1,370
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	307	83	23	86	105	22	86	179
1997	506	94	18	87	184	26	96	301
acres treated, 2002	4,911	50,232	2,888	3,510	4,343	647	2,127	8,537
1997	2,778	30,001	608	2,739	2,995	623	3,019	8,688
Weeds, grass, or brush farms, 2002	435	234	47	209	349	51	118	318
1997	311	210	52	119	225	10	150	239
acres treated, 2002	9,649	60,614	6,640	8,418	26,364	2,011	7,005	19,298
1997	7,687	56,410	9,693	18,506	18,869	870	8,979	19,154
Nematodes farms, 2002	9	21	-	-	-	-	1	2
1997	80	3	6	8	6	-	2	32
acres treated, 2002	136	4,783	-	-	-	-	(D)	(D)
1997	218	940	12	(D)	31	-	(D)	696
Diseases in crops and orchards farms, 2002	106	7	1	12	62	-	4	52
1997	225	25	1	11	48	-	32	130
acres treated, 2002	1,555	2,460	(D)	12	638	-	8	1,473
1997	1,321	5,242	(D)	50	1,862	-	627	3,425
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	117	46	1	1	19	9	23	134
1997	67	69	11	8	34	1	10	35
acres on which used, 2002	4,191	38,161	(D)	(D)	292	214	543	2,285
1997	334	23,826	77	9	631	(D)	237	346

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Moore	Morgan	Obion	Overton	Perry	Pickett	Polk	Putnam
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	207	238	333	706	128	284	114	686
1997	225	278	545	764	170	327	129	945
acres treated, 2002	12,675	10,596	147,599	37,664	11,959	9,910	7,303	25,020
1997	12,084	15,588	162,995	29,379	9,968	7,560	10,130	32,663
Cropland fertilized, except cropland pastured farms, 2002	117	168	256	506	99	212	64	469
1997	166	217	490	581	124	281	86	637
acres treated, 2002	5,928	5,951	138,738	17,956	5,872	4,807	4,906	10,974
1997	8,087	9,239	155,092	14,380	7,374	2,723	7,252	13,619
Pastureland and rangeland fertilized farms, 2002	148	150	136	416	77	126	81	447
1997	110	158	112	413	96	174	61	472
acres treated, 2002	6,747	4,645	8,861	19,708	6,087	5,103	2,397	14,046
1997	3,997	6,349	7,903	14,999	2,594	4,837	2,878	19,044
Manure farms, 2002	28	42	47	20	29	29	45	98
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	435	1,175	7,308	2,432	324	870	2,684	1,465
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	17	36	96	101	13	33	33	106
1997	41	29	122	164	3	121	24	234
acres treated, 2002	569	467	28,063	775	218	150	1,472	4,681
1997	129	435	20,781	1,864	(D)	801	1,222	1,174
Weeds, grass, or brush farms, 2002	94	51	228	274	41	47	39	264
1997	76	61	355	138	58	48	27	204
acres treated, 2002	6,926	732	107,873	7,287	2,608	1,179	3,818	7,536
1997	3,231	2,232	142,503	2,349	4,572	612	5,204	4,098
Nematodes farms, 2002	1	1	2	-	-	-	-	-
1997	14	-	5	21	1	9	-	13
acres treated, 2002	(D)	(D)	(D)	-	-	-	-	-
1997	(D)	(D)	(D)	-	-	-	-	-
Diseases in crops and orchards farms, 2002	1	20	3,630	434	(D)	122	-	145
1997	23	7	22	43	8	14	1	74
acres treated, 2002	(D)	219	1,709	78	2	67	(D)	60
1997	23	13	5,658	175	(D)	28	12	755
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	8	16	25	4	39	4	21
1997	-	4	15	2	-	8	-	52
acres on which used, 2002	-	50	2,611	583	8	336	32	520
1997	-	4	7,504	(D)	-	16	-	161
Item	Rhea	Roane	Robertson	Rutherford	Scott	Sequatchie	Sevier	Shelby
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	344	397	789	874	154	83	597	235
1997	292	422	1,199	857	174	113	639	429
acres treated, 2002	14,561	15,598	88,346	38,334	6,408	4,868	24,552	55,364
1997	17,806	16,816	97,329	51,111	5,951	5,986	22,002	56,615
Cropland fertilized, except cropland pastured farms, 2002	223	275	484	597	128	63	386	144
1997	212	317	954	589	147	90	454	258
acres treated, 2002	9,128	7,879	73,835	21,971	4,465	2,275	12,046	52,655
1997	11,227	8,543	74,686	31,398	3,170	3,477	9,350	49,678
Pastureland and rangeland fertilized farms, 2002	193	285	301	540	87	54	353	115
1997	152	223	507	429	86	50	356	218
acres treated, 2002	5,433	7,719	14,511	16,363	1,943	2,593	12,506	2,709
1997	6,579	8,273	22,643	19,713	2,781	2,509	12,652	6,937
Manure farms, 2002	24	87	174	196	27	16	124	78
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	785	1,910	2,992	4,466	1,326	891	3,321	875
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	42	32	309	88	3	33	148	24
1997	58	88	525	67	14	10	143	84
acres treated, 2002	1,155	196	13,461	2,695	18	79	785	28,174
1997	804	261	24,756	4,824	255	160	652	8,898
Weeds, grass, or brush farms, 2002	50	73	338	242	35	44	261	120
1997	31	112	519	246	33	23	163	145
acres treated, 2002	3,607	706	35,001	12,700	684	2,441	5,632	46,242
1997	4,460	1,319	48,045	18,251	427	1,912	3,574	48,403
Nematodes farms, 2002	3	-	20	9	-	2	23	12
1997	5	-	71	7	-	-	19	11
acres treated, 2002	165	-	259	9	-	(D)	23	6,168
1997	197	-	1,660	42	-	-	112	1,152
Diseases in crops and orchards farms, 2002	6	39	136	31	-	9	57	15
1997	6	16	206	8	5	9	71	38
acres treated, 2002	544	153	3,392	263	-	29	140	6,358
1997	262	18	11,435	(D)	75	120	267	4,617
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1	12	237	10	-	7	25	39
1997	9	-	37	23	-	-	36	31
acres on which used, 2002	(D)	60	4,773	353	-	21	203	22,105
1997	9	-	4,879	1,773	-	-	36	7,053

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Smith	Stewart	Sullivan	Sumner	Tipton	Trousdale	Unicoi	Union
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	669	248	763	935	218	211	91	383
1997	823	266	1,022	1,118	483	313	137	444
acres treated, 2002	43,768	12,879	38,152	46,775	101,561	11,451	2,276	11,609
1997	32,927	12,958	28,451	50,964	99,174	13,254	2,260	12,752
Cropland fertilized, except cropland pastured farms, 2002	484	123	615	539	159	160	79	285
1997	711	192	918	905	344	270	131	377
acres treated, 2002	21,420	4,596	20,682	26,328	96,722	6,670	1,581	5,056
1997	17,951	7,161	16,783	34,650	94,859	7,755	(D)	6,565
Pastureland and rangeland fertilized farms, 2002	352	155	509	596	105	108	46	244
1997	318	131	487	466	162	130	48	159
acres treated, 2002	22,348	8,283	17,470	20,447	4,839	4,781	695	6,553
1997	14,976	5,797	11,668	16,314	4,315	5,499	(D)	6,187
Manure farms, 2002	52	36	242	295	34	18	22	60
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,610	1,231	1,709	4,391	3,428	90	104	334
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	195	56	153	187	114	92	30	11
1997	281	89	185	392	125	165	48	113
acres treated, 2002	2,511	1,115	2,448	4,935	59,455	891	247	44
1997	5,439	612	2,130	5,923	41,695	1,485	141	981
Weeds, grass, or brush farms, 2002	482	102	371	390	150	141	49	109
1997	243	46	260	341	284	86	34	121
acres treated, 2002	24,583	1,936	3,369	16,468	79,399	3,899	508	1,110
1997	13,464	3,195	4,232	20,949	97,439	3,541	102	1,120
Nematodes farms, 2002	28	20	26	44	21	11	4	1
1997	25	-	35	19	19	7	7	17
acres treated, 2002	184	36	69	(D)	14,504	200	72	(D)
1997	89	-	473	941	4,737	-	19	38
Diseases in crops and orchards farms, 2002	63	29	60	81	9	18	8	1
1997	94	15	142	140	27	60	28	35
acres treated, 2002	342	570	465	489	8,091	312	20	(D)
1997	4,022	76	376	1,977	5,858	836	52	329
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	66	59	15	93	41	41	28	17
1997	31	7	36	31	71	-	13	7
acres on which used, 2002	1,019	796	620	1,820	44,653	860	73	443
1997	209	56	43	92	37,800	-	22	28
Item	Van Buren	Warren	Washington	Wayne	Weakley	White	Williamson	Wilson
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	133	1,135	1,405	395	455	754	655	775
1997	160	1,081	1,587	589	679	876	835	999
acres treated, 2002	10,729	77,599	58,561	28,313	136,437	45,103	40,055	45,377
1997	11,595	58,768	48,878	33,694	128,785	43,091	44,355	40,397
Cropland fertilized, except cropland pastured farms, 2002	101	875	1,163	106	323	473	402	498
1997	133	773	1,394	359	510	661	540	732
acres treated, 2002	5,201	40,627	32,648	6,814	127,438	18,552	24,096	26,580
1997	4,403	37,380	29,149	17,024	121,616	21,284	27,364	23,285
Pastureland and rangeland fertilized farms, 2002	110	646	850	347	228	553	402	515
1997	108	512	756	336	241	504	416	445
acres treated, 2002	5,528	36,972	25,913	21,499	8,999	26,551	15,959	18,797
1997	7,192	21,388	19,729	16,670	7,169	21,807	16,991	17,112
Manure farms, 2002	4	138	213	71	53	139	182	205
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	161	5,479	5,943	1,318	5,315	4,321	2,614	3,347
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	4	371	259	30	130	106	111	131
1997	40	265	267	40	89	155	144	137
acres treated, 2002	(D)	11,309	2,702	1,278	46,211	1,058	1,520	1,396
1997	163	8,797	5,154	300	11,054	813	2,660	658
Weeds, grass, or brush farms, 2002	39	687	524	72	270	398	430	385
1997	44	476	333	93	340	249	208	228
acres treated, 2002	1,107	24,475	9,979	4,876	124,620	20,886	20,065	19,577
1997	889	22,419	8,441	8,792	99,556	7,460	8,927	5,035
Nematodes farms, 2002	3	104	13	-	20	28	17	-
1997	3	21	58	-	3	21	9	9
acres treated, 2002	3	2,557	938	-	236	84	81	-
1997	12	915	1,464	-	675	22	80	36
Diseases in crops and orchards farms, 2002	5	114	144	-	18	23	1	17
1997	13	154	140	14	17	44	47	28
acres treated, 2002	9	3,886	1,594	-	2,498	23	(D)	17
1997	69	4,692	2,057	260	3,160	123	377	165
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1	37	54	-	11	23	1	13
1997	1	23	53	7	17	30	21	29
acres on which used, 2002	(D)	233	1,356	-	615	278	(D)	151
1997	(D)	204	134	258	1,550	149	155	204

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.