

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Tennessee	Anderson	Bedford	Benton	Bledsoe	Blount
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	31,405	224	601	177	310	483
2012	26,822	167	451	182	244	416
acres treated, 2017	3,693,096	11,179	66,394	22,968	26,734	30,923
2012	3,488,191	5,602	47,233	21,293	26,212	29,974
Cropland fertilized, except cropland pasture .....farms, 2017	20,367	131	367	102	214	298
2012	17,153	84	245	89	164	254
acres treated, 2017	2,778,016	4,221	38,002	16,697	14,298	17,017
2012	2,685,107	1,948	25,715	13,522	15,748	15,464
Pastureland and rangeland fertilized .....farms, 2017	18,290	152	369	96	201	319
2012	15,782	117	294	120	140	283
acres treated, 2017	915,080	6,958	28,392	6,271	12,436	13,906
2012	803,084	3,654	21,518	7,771	10,464	14,510
Manure .....farms, 2017	6,537	71	172	31	65	131
2012	5,589	48	157	28	43	104
acres treated, 2017	234,565	1,108	12,081	784	2,424	6,320
2012	196,050	829	10,488	449	2,640	2,264
Organic fertilizer (see text) .....farms, 2017	1,546	19	7	2	16	32
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	77,232	689	141	(D)	778	2,360
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	5,583	18	78	46	36	65
2012	5,918	25	108	35	26	55
acres, 2017	1,910,918	278	14,102	11,611	4,058	2,361
2012	1,336,922	71	12,877	6,893	2,959	1,266
Weeds, grass, or brush .....farms, 2017	18,861	112	391	111	151	269
2012	18,310	100	398	95	127	288
acres, 2017	3,564,799	3,562	57,642	16,964	14,619	12,860
2012	2,893,835	3,145	47,704	10,987	12,836	18,042
Nematodes .....farms, 2017	641	-	15	7	5	9
2012	1,006	3	16	3	11	16
acres, 2017	178,427	-	4,051	1,052	246	319
2012	135,351	5	2,759	(D)	699	241
Diseases in crops and orchards .....farms, 2017	2,094	5	16	9	20	35
2012	1,770	8	17	4	14	22
acres, 2017	766,299	6	8,105	3,749	752	380
2012	421,438	23	3,810	(D)	1,083	361
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	754	1	4	-	4	3
2012	1,548	5	8	5	7	18
acres on which used, 2017	344,328	(D)	176	-	31	33
2012	356,975	14	37	(D)	427	401
Item	Bradley	Campbell	Cannon	Carroll	Carter	Cheatham
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	304	161	284	271	247	249
2012	248	162	238	250	250	163
acres treated, 2017	20,592	6,403	27,797	76,975	9,186	23,569
2012	17,959	7,381	27,277	87,438	9,405	11,918
Cropland fertilized, except cropland pasture .....farms, 2017	162	128	187	156	155	149
2012	123	118	162	134	149	111
acres treated, 2017	10,122	4,274	22,290	71,905	5,384	16,999
2012	6,249	4,341	21,890	81,749	4,351	8,100
Pastureland and rangeland fertilized .....farms, 2017	216	76	150	144	153	153
2012	178	93	122	149	184	94
acres treated, 2017	10,470	2,129	5,507	5,070	3,802	6,570
2012	11,710	3,040	5,387	5,689	5,054	3,818
Manure .....farms, 2017	161	29	73	17	55	25
2012	119	34	58	32	59	26
acres treated, 2017	8,275	497	882	467	645	810
2012	4,451	569	2,051	573	793	584
Organic fertilizer (see text) .....farms, 2017	32	12	6	4	13	14
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,759	171	174	156	327	336
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	50	12	38	59	35	97
2012	59	11	46	49	37	61
acres, 2017	4,347	244	9,359	52,111	434	3,299
2012	2,392	130	6,419	40,789	736	2,076
Weeds, grass, or brush .....farms, 2017	222	55	183	160	130	189
2012	221	81	184	152	141	124
acres, 2017	16,106	1,816	26,297	88,531	2,442	15,914
2012	12,868	3,040	22,077	76,365	3,585	9,411
Nematodes .....farms, 2017	5	-	1	5	10	24
2012	6	2	3	5	9	11
acres, 2017	3,120	-	(D)	2,306	105	687
2012	28	(D)	(D)	(D)	138	300
Diseases in crops and orchards .....farms, 2017	13	1	11	8	19	25
2012	10	1	12	16	17	19
acres, 2017	2,748	(D)	511	5,982	355	847
2012	278	(D)	474	5,395	223	570
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	5	4	2	19	6	5
2012	12	2	4	30	14	24
acres on which used, 2017	(D)	19	(D)	17,911	27	212
2012	602	(D)	30	19,707	90	479

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Chester	Claiborne	Clay	Cocke	Coffee	Crockett	Cumberland
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	153	516	200	280	429	180	421
..... 2012	141	422	200	218	428	199	332
..... acres treated, 2017	34,489	32,125	15,355	16,569	65,185	97,536	34,947
..... 2012	15,833	21,136	17,304	11,074	62,132	89,768	31,712
Cropland fertilized, except cropland pasture ..... farms, 2017	108	395	123	205	302	146	229
..... 2012	86	315	116	149	275	145	204
..... acres treated, 2017	30,963	16,349	7,600	10,178	53,545	94,766	18,381
..... 2012	11,945	10,327	8,359	7,107	49,539	86,027	19,606
Pastureland and rangeland fertilized ..... farms, 2017	65	327	136	161	229	49	287
..... 2012	83	246	149	129	261	67	219
..... acres treated, 2017	3,526	15,776	7,755	6,391	11,640	2,770	16,566
..... 2012	3,888	10,809	8,945	3,967	12,593	3,741	12,106
Manure ..... farms, 2017	13	74	55	91	76	4	120
..... 2012	17	62	58	77	107	17	71
..... acres treated, 2017	1,016	1,789	3,588	2,337	2,937	560	5,152
..... 2012	606	1,723	2,206	2,406	4,869	464	4,434
Organic fertilizer (see text) ..... farms, 2017	13	21	9	17	16	4	36
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	7,902	1,360	590	419	3,692	281	1,220
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects ..... farms, 2017	44	39	29	30	95	104	36
..... 2012	39	45	38	32	119	106	43
..... acres, 2017	19,175	1,048	5,949	2,104	29,488	113,064	8,071
..... 2012	10,349	1,371	2,426	1,151	28,361	59,861	7,468
Weeds, grass, or brush ..... farms, 2017	112	272	142	126	299	153	165
..... 2012	100	273	126	151	317	169	133
..... acres, 2017	32,230	16,382	14,364	7,466	55,483	127,143	17,910
..... 2012	13,387	11,735	8,911	5,428	55,173	83,925	11,827
Nematodes ..... farms, 2017	2	1	2	7	14	22	6
..... 2012	5	5	4	9	12	20	11
..... acres, 2017	(D)	(D)	(D)	653	3,117	12,665	(D)
..... 2012	(D)	19	11	(D)	2,377	8,274	71
Diseases in crops and orchards ..... farms, 2017	4	10	7	14	36	50	23
..... 2012	11	18	3	22	30	34	19
..... acres, 2017	(D)	105	2,548	2,300	13,929	45,995	4,211
..... 2012	4,403	88	(D)	925	6,565	12,690	1,921
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	5	2	2	6	2	56	1
..... 2012	10	33	16	7	4	57	11
..... acres on which used, 2017	1,953	(D)	(D)	341	(D)	36,924	(D)
..... 2012	3,877	341	1,282	(D)	(D)	29,878	574
Item	Davidson	Decatur	DeKalb	Dickson	Dyer	Fayette	Fentress
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	130	163	271	505	261	384	324
..... 2012	92	167	239	432	215	270	249
..... acres treated, 2017	4,742	17,040	20,098	31,309	146,180	133,450	32,230
..... 2012	3,244	13,367	18,169	25,287	138,376	92,277	16,618
Cropland fertilized, except cropland pasture ..... farms, 2017	64	93	167	294	224	221	177
..... 2012	48	83	169	253	184	161	128
..... acres treated, 2017	3,490	11,051	11,317	17,447	144,312	121,152	10,311
..... 2012	1,728	7,926	11,972	10,770	133,347	83,911	7,731
Pastureland and rangeland fertilized ..... farms, 2017	77	111	155	318	62	215	233
..... 2012	61	113	112	282	47	146	178
..... acres treated, 2017	1,252	5,989	8,781	13,862	1,868	12,298	21,919
..... 2012	1,516	5,441	6,197	14,517	5,029	8,366	8,887
Manure ..... farms, 2017	45	17	27	90	24	53	129
..... 2012	21	23	36	75	20	45	96
..... acres treated, 2017	1,191	243	698	2,490	1,990	1,774	7,295
..... 2012	249	568	389	1,829	719	1,033	5,615
Organic fertilizer (see text) ..... farms, 2017	36	4	11	47	7	13	19
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	629	53	293	1,572	816	528	744
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects ..... farms, 2017	29	35	43	77	145	149	16
..... 2012	24	32	60	83	113	101	25
..... acres, 2017	313	7,445	2,246	6,068	127,966	109,299	1,277
..... 2012	668	5,016	4,129	1,729	82,276	40,434	1,788
Weeds, grass, or brush ..... farms, 2017	69	93	182	237	244	257	140
..... 2012	60	73	187	226	201	201	132
..... acres, 2017	1,812	10,559	14,798	14,459	235,193	147,912	13,596
..... 2012	2,352	6,468	15,173	9,102	136,826	91,896	9,480
Nematodes ..... farms, 2017	2	-	2	10	19	17	1
..... 2012	9	3	13	11	19	34	5
..... acres, 2017	(D)	-	(D)	2,825	5,152	4,844	(D)
..... 2012	140	(D)	406	59	7,710	14,625	461
Diseases in crops and orchards ..... farms, 2017	21	9	11	23	82	36	8
..... 2012	10	5	21	22	35	25	12
..... acres, 2017	316	5,435	939	4,313	73,256	29,324	730
..... 2012	493	(D)	942	170	27,824	7,895	678
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	3	2	2	26	54	1
..... 2012	5	-	8	29	32	38	3
..... acres on which used, 2017	(D)	140	(D)	(D)	12,294	42,024	(D)
..... 2012	43	-	46	405	14,235	27,048	66

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Franklin	Gibson	Giles	Grainger	Greene	Grundy	Hamblen
Commercial fertilizer, lime, and soil conditioners .....							
.....farms, 2017	452	361	635	485	1,234	119	270
.....2012	399	371	504	375	929	106	211
.....acres treated, 2017	46,021	168,614	56,724	23,606	62,770	8,687	16,012
.....2012	56,357	186,798	49,821	16,915	49,881	7,629	11,327
Cropland fertilized, except cropland pasture .....							
.....farms, 2017	291	277	390	322	908	76	197
.....2012	266	289	266	239	681	68	116
.....acres treated, 2017	35,628	164,929	35,494	11,904	38,338	6,400	10,410
.....2012	47,700	181,814	29,900	7,685	29,399	5,267	6,411
Pastureland and rangeland fertilized .....							
.....farms, 2017	281	111	361	324	689	59	139
.....2012	215	134	322	226	544	58	141
.....acres treated, 2017	10,393	3,685	21,230	11,702	24,432	2,287	5,602
.....2012	8,657	4,984	19,921	9,230	20,482	2,362	4,916
Manure .....							
.....farms, 2017	79	41	147	76	328	48	60
.....2012	92	42	98	67	331	45	72
.....acres treated, 2017	2,302	1,564	8,736	1,139	9,135	3,267	1,608
.....2012	5,114	1,353	4,378	1,836	9,607	1,534	1,819
Organic fertilizer (see text) .....							
.....farms, 2017	15	14	28	17	41	9	14
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	710	748	1,330	348	1,280	308	3,303
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....							
.....farms, 2017	90	187	91	37	115	38	27
.....2012	106	173	86	62	142	38	29
.....acres, 2017	28,082	141,361	7,518	1,104	6,657	1,881	5,248
.....2012	17,717	105,807	6,231	1,245	3,408	3,320	1,582
Weeds, grass, or brush .....							
.....farms, 2017	292	301	425	230	558	61	134
.....2012	315	320	426	236	580	75	164
.....acres, 2017	44,216	216,646	44,873	9,747	26,096	6,906	9,511
.....2012	43,820	190,532	39,181	8,208	21,720	7,452	8,788
Nematodes .....							
.....farms, 2017	12	24	8	6	9	1	-
.....2012	10	35	8	25	25	9	-
.....acres, 2017	2,982	9,550	356	222	(D)	(D)	2
.....2012	715	17,767	1,169	298	638	(D)	(D)
Diseases in crops and orchards .....							
.....farms, 2017	41	92	33	21	27	17	7
.....2012	29	39	18	29	41	8	6
.....acres, 2017	17,645	62,009	3,140	433	976	(D)	(D)
.....2012	4,294	28,078	3,110	344	936	447	137
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
.....farms, 2017	9	48	9	6	19	-	1
.....2012	8	51	14	16	36	4	8
.....acres on which used, 2017	(D)	24,950	1,034	42	337	-	(D)
.....2012	(D)	37,215	723	192	623	36	226

  

Item	Hamilton	Hancock	Hardeman	Hardin	Hawkins	Haywood	Henderson
Commercial fertilizer, lime, and soil conditioners .....							
.....farms, 2017	226	202	214	265	667	166	383
.....2012	190	168	181	251	565	165	359
.....acres treated, 2017	10,199	13,383	60,494	53,188	29,497	117,800	47,764
.....2012	11,235	8,922	47,051	39,223	22,107	148,363	52,572
Cropland fertilized, except cropland pasture .....							
.....farms, 2017	117	171	149	162	497	151	212
.....2012	101	133	116	145	414	150	210
.....acres treated, 2017	4,234	6,433	54,868	37,745	18,353	117,094	31,185
.....2012	6,380	3,934	35,773	29,526	11,851	146,466	38,887
Pastureland and rangeland fertilized .....							
.....farms, 2017	158	102	104	156	386	17	250
.....2012	125	88	95	154	336	23	212
.....acres treated, 2017	5,965	6,950	5,626	15,443	11,144	706	16,579
.....2012	4,855	4,988	11,278	9,697	10,256	1,897	13,685
Manure .....							
.....farms, 2017	60	35	35	22	148	15	61
.....2012	69	21	29	37	122	9	52
.....acres treated, 2017	2,695	826	403	1,948	2,967	432	1,448
.....2012	2,509	368	870	3,173	2,054	119	1,775
Organic fertilizer (see text) .....							
.....farms, 2017	27	6	6	5	47	1	16
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	1,200	188	172	53	955	(D)	616
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....							
.....farms, 2017	32	4	82	93	66	123	86
.....2012	41	12	55	54	66	90	78
.....acres, 2017	920	30	42,205	25,874	4,693	142,641	24,753
.....2012	376	262	21,231	13,626	1,250	76,718	20,464
Weeds, grass, or brush .....							
.....farms, 2017	124	102	152	170	351	174	230
.....2012	123	112	129	154	316	153	201
.....acres, 2017	5,704	6,729	61,423	51,247	14,186	167,200	43,718
.....2012	4,886	5,489	36,788	34,706	8,823	156,746	39,202
Nematodes .....							
.....farms, 2017	3	-	2	1	2	25	3
.....2012	9	3	11	7	12	19	7
.....acres, 2017	3	-	(D)	(D)	(D)	21,571	235
.....2012	42	6	6,633	3,031	149	7,344	(D)
Diseases in crops and orchards .....							
.....farms, 2017	9	1	31	19	31	40	16
.....2012	18	-	19	15	25	22	21
.....acres, 2017	14	(D)	10,082	13,700	2,199	36,691	4,706
.....2012	263	-	4,960	5,033	181	23,928	10,499
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
.....farms, 2017	5	-	20	12	1	61	7
.....2012	10	10	22	12	21	75	9
.....acres on which used, 2017	(D)	-	15,195	2,591	(D)	61,411	621
.....2012	58	73	10,305	367	818	69,815	2,702

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Henry	Hickman	Houston	Humphreys	Jackson	Jefferson	Johnson	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	308	264	168	314	240	441	252
	2012	342	243	148	283	174	393	251
acres treated, 2017	77,899	27,463	18,980	29,230	10,618	29,272	8,606	
	2012	88,925	22,876	11,555	29,249	8,411	20,388	8,611
Cropland fertilized, except cropland pasture .....	farms, 2017	220	138	90	219	158	303	188
	2012	236	125	77	156	115	261	185
acres treated, 2017	71,878	14,883	5,326	15,787	5,378	14,544	5,194	
	2012	79,476	11,940	4,237	18,019	4,908	11,377	4,621
Pastureland and rangeland fertilized .....	farms, 2017	127	188	122	194	128	274	146
	2012	175	158	117	199	86	249	130
acres treated, 2017	6,021	12,580	13,654	13,443	5,240	14,728	3,412	
	2012	9,449	10,936	7,318	11,230	3,503	9,011	3,990
Manure .....	farms, 2017	70	39	19	43	46	93	61
	2012	59	41	6	32	30	105	70
acres treated, 2017	5,231	1,074	401	731	1,085	1,829	515	
	2012	6,233	1,843	250	759	887	3,310	675
Organic fertilizer (see text) .....	farms, 2017	12	14	4	25	18	37	33
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	2,032	316	313	936	90	1,167	607	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Acres treated to control--								
	Insects .....	farms, 2017	145	36	8	43	30	52
2012	146	40	12	38	25	35	36	
acres, 2017	63,018	4,361	51	1,461	566	3,180	677	
	2012	48,885	3,946	63	3,615	1,792	801	868
Weeds, grass, or brush .....	farms, 2017	242	166	92	174	135	302	97
	2012	247	150	73	156	124	260	84
acres, 2017	88,436	23,773	5,698	11,861	7,069	16,590	2,205	
	2012	78,238	13,595	5,325	17,965	8,109	17,505	2,258
Nematodes .....	farms, 2017	33	2	-	-	2	4	1
	2012	24	3	4	5	4	8	4
acres, 2017	9,696	(D)	-	-	(D)	(D)	(D)	
	2012	5,654	17	16	(D)	13	88	12
Diseases in crops and orchards .....	farms, 2017	74	17	2	9	10	10	14
	2012	44	12	4	4	3	11	13
acres, 2017	32,819	1,383	(D)	1,615	36	88	34	
	2012	14,640	(D)	17	1,608	(D)	118	32
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	18	-	2	4	1	8	2
	2012	24	2	2	4	12	16	5
acres on which used, 2017	4,663	-	(D)	1,626	(D)	131	(D)	
	2012	3,083	(D)	(D)	75	304	174	30

  

Item	Knox	Lake	Lauderdale	Lawrence	Lewis	Lincoln	Loudon	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	462	38	166	674	96	756	327
	2012	331	40	174	647	75	628	310
acres treated, 2017	16,845	25,808	90,870	89,466	3,951	94,636	21,503	
	2012	13,522	43,594	110,333	81,839	4,587	76,137	21,343
Cropland fertilized, except cropland pasture .....	farms, 2017	261	38	126	366	44	474	221
	2012	206	40	137	375	35	398	195
acres treated, 2017	8,652	25,808	87,516	59,565	1,398	68,441	13,083	
	2012	6,707	43,594	106,849	55,447	2,004	56,633	12,585
Pastureland and rangeland fertilized .....	farms, 2017	303	-	55	459	63	446	206
	2012	212	-	59	439	56	368	204
acres treated, 2017	8,193	-	3,354	29,901	2,553	26,195	8,420	
	2012	6,815	-	3,484	26,392	2,583	19,504	8,758
Manure .....	farms, 2017	133	3	15	180	36	134	87
	2012	88	-	8	158	9	123	89
acres treated, 2017	1,932	500	379	8,035	986	4,356	2,479	
	2012	1,399	-	550	3,737	171	5,791	2,834
Organic fertilizer (see text) .....	farms, 2017	32	-	4	28	6	15	19
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	772	-	(D)	757	480	796	371	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Acres treated to control--								
	Insects .....	farms, 2017	43	25	86	90	10	139
2012	40	30	112	147	8	143	36	
acres, 2017	2,057	48,442	87,180	19,227	519	39,646	4,458	
	2012	621	36,501	70,687	16,548	66	39,301	5,178
Weeds, grass, or brush .....	farms, 2017	274	40	142	352	45	545	163
	2012	241	45	157	322	48	490	200
acres, 2017	9,852	76,297	116,937	75,865	2,263	83,241	13,823	
	2012	7,265	56,165	99,171	57,845	1,995	71,974	13,996
Nematodes .....	farms, 2017	4	-	9	22	-	14	3
	2012	7	1	12	53	-	11	7
acres, 2017	556	-	13,029	2,119	-	511	(D)	
	2012	14	(D)	878	611	-	(D)	78
Diseases in crops and orchards .....	farms, 2017	12	17	44	29	3	49	8
	2012	15	11	36	66	5	49	20
acres, 2017	59	33,029	56,543	5,047	10	21,110	87	
	2012	91	17,813	34,667	2,848	7	13,389	1,377
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	7	5	34	8	2	12	4
	2012	10	10	37	18	3	26	15
acres on which used, 2017	65	5,200	20,122	160	(D)	7,298	30	
	2012	57	4,290	26,703	794	(D)	9,401	259

--continued

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	McMinn	McNairy	Macon	Madison	Marion	Marshall	Maury
Commercial fertilizer, lime, and soil conditioners .....							
.....farms, 2017	465	269	428	203	124	373	520
.....2012	430	231	415	212	81	379	425
acres treated, 2017	38,061	44,248	32,553	68,346	13,484	31,470	46,069
.....2012	31,980	34,772	31,877	87,876	11,104	33,485	45,991
Cropland fertilized, except cropland pasture .....							
.....farms, 2017	319	191	261	146	68	244	346
.....2012	287	151	271	170	46	261	240
acres treated, 2017	20,332	38,137	20,431	64,691	9,816	20,278	31,481
.....2012	17,648	27,822	19,176	84,967	8,749	21,599	27,260
Pastureland and rangeland fertilized .....							
.....farms, 2017	287	134	278	94	70	183	267
.....2012	274	129	259	68	53	177	248
acres treated, 2017	17,729	6,111	12,122	3,655	3,668	11,192	14,588
.....2012	14,332	6,950	12,701	2,909	2,355	11,886	18,731
Manure .....							
.....farms, 2017	132	24	70	35	27	81	64
.....2012	101	28	61	26	36	67	86
acres treated, 2017	4,165	1,398	2,204	1,735	1,354	5,028	2,052
.....2012	5,193	1,245	3,166	1,718	2,366	2,490	2,253
Organic fertilizer (see text) .....							
.....farms, 2017	25	14	19	8	15	22	30
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	898	1,689	701	186	366	845	671
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....							
.....farms, 2017	67	65	86	82	28	67	80
.....2012	67	97	123	102	20	61	89
acres, 2017	6,679	23,252	14,987	73,175	6,781	12,829	15,696
.....2012	3,806	16,458	9,479	57,886	5,649	2,707	11,428
Weeds, grass, or brush .....							
.....farms, 2017	213	185	288	166	67	234	335
.....2012	228	190	309	173	65	233	342
acres, 2017	20,893	45,311	35,032	87,207	11,750	25,886	50,090
.....2012	17,443	32,300	21,866	87,563	10,682	17,142	38,134
Nematodes .....							
.....farms, 2017	2	8	10	9	2	4	11
.....2012	14	21	11	28	3	6	11
acres, 2017	(D)	6,285	916	4,189	(D)	365	1,065
.....2012	622	4,492	472	8,357	1,250	113	772
Diseases in crops and orchards .....							
.....farms, 2017	20	30	36	35	15	23	34
.....2012	24	30	24	40	12	16	21
acres, 2017	3,629	11,486	8,208	20,639	3,245	3,707	9,790
.....2012	2,196	11,690	1,228	26,064	3,806	1,200	4,573
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
.....farms, 2017	4	8	17	33	8	6	7
.....2012	12	8	78	41	2	8	19
acres on which used, 2017	20	4,243	1,897	25,990	87	29	29
.....2012	1,133	5,129	5,848	20,977	(D)	46	1,447

  

Item	Meigs	Monroe	Montgomery	Moore	Morgan	Obion	Overton
Commercial fertilizer, lime, and soil conditioners .....							
.....farms, 2017	185	428	397	183	204	244	525
.....2012	138	370	339	145	217	249	472
acres treated, 2017	12,161	43,332	51,324	11,969	12,396	115,981	38,747
.....2012	11,277	30,515	58,131	9,935	9,905	144,107	30,534
Cropland fertilized, except cropland pasture .....							
.....farms, 2017	102	292	244	104	144	199	303
.....2012	95	218	208	96	150	215	277
acres treated, 2017	6,884	29,221	34,948	6,244	7,532	112,923	13,170
.....2012	6,048	17,164	40,537	6,137	5,547	139,764	12,938
Pastureland and rangeland fertilized .....							
.....farms, 2017	125	279	227	108	133	66	378
.....2012	82	248	206	81	145	66	328
acres treated, 2017	5,277	14,111	16,376	5,725	4,864	3,058	25,577
.....2012	5,229	13,351	17,594	3,798	4,358	4,343	17,596
Manure .....							
.....farms, 2017	27	88	53	23	59	24	60
.....2012	21	91	32	33	77	22	73
acres treated, 2017	612	4,121	1,507	613	3,664	3,915	1,920
.....2012	771	3,535	836	1,185	2,643	2,180	2,148
Organic fertilizer (see text) .....							
.....farms, 2017	4	31	10	29	10	4	20
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,280	917	740	1,962	(D)	795	1,119
.....2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....							
.....farms, 2017	12	39	116	15	20	115	44
.....2012	12	52	114	28	21	104	63
acres, 2017	1,898	6,832	33,392	160	913	86,711	2,237
.....2012	635	5,190	23,547	1,583	207	100,795	2,370
Weeds, grass, or brush .....							
.....farms, 2017	86	215	263	105	75	227	306
.....2012	67	215	238	125	110	239	316
acres, 2017	6,468	26,304	46,717	8,011	4,761	176,124	17,480
.....2012	4,813	17,164	42,782	9,160	4,044	163,971	19,621
Nematodes .....							
.....farms, 2017	1	-	15	-	2	9	2
.....2012	-	10	17	1	7	3	8
acres, 2017	(D)	-	5,362	-	(D)	1,757	(D)
.....2012	-	200	736	(D)	60	(D)	43
Diseases in crops and orchards .....							
.....farms, 2017	5	7	37	4	8	47	23
.....2012	5	10	28	2	9	35	18
acres, 2017	658	3,008	7,118	9	824	40,085	1,032
.....2012	(D)	1,621	4,234	(D)	37	23,605	384
Chemicals used to control growth, thin fruit, ripen, or defoliate .....							
.....farms, 2017	1	2	4	-	-	5	3
.....2012	2	17	42	1	-	13	9
acres on which used, 2017	(D)	(D)	96	-	-	5,154	(D)
.....2012	(D)	374	2,624	(D)	29	2,854	206

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Perry	Pickett	Polk	Putnam	Rhea	Roane	Robertson
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	114	152	115	482	228	240	612
..... 2012	98	156	85	354	160	200	491
..... acres treated, 2017	9,376	10,086	9,325	32,353	10,078	9,859	88,235
..... 2012	7,889	9,891	6,959	17,811	13,376	7,508	97,624
Cropland fertilized, except cropland pasture ..... farms, 2017	87	116	60	251	148	143	433
..... 2012	69	123	51	188	102	126	353
..... acres treated, 2017	7,228	5,244	7,057	15,109	4,977	3,476	74,744
..... 2012	4,305	5,101	4,651	7,837	8,804	3,219	86,122
Pastureland and rangeland fertilized ..... farms, 2017	51	94	72	350	138	142	262
..... 2012	54	98	49	231	100	136	235
..... acres treated, 2017	2,148	4,842	2,268	17,244	5,101	6,383	13,491
..... 2012	3,584	4,790	2,308	9,974	4,572	4,289	11,502
Manure ..... farms, 2017	11	42	66	93	48	53	93
..... 2012	9	22	50	78	33	56	77
..... acres treated, 2017	207	2,874	4,736	3,107	1,717	464	2,267
..... 2012	134	789	4,966	2,103	883	851	4,417
Organic fertilizer (see text) ..... farms, 2017	-	11	2	20	4	27	22
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	-	418	(D)	1,060	104	312	875
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects ..... farms, 2017	9	8	18	33	24	29	257
..... 2012	20	24	30	48	32	35	238
..... acres, 2017	2,023	105	580	5,406	809	247	86,564
..... 2012	589	596	4,534	2,498	1,550	417	47,558
Weeds, grass, or brush ..... farms, 2017	60	120	57	312	101	98	467
..... 2012	59	115	52	270	86	106	428
..... acres, 2017	8,587	7,992	8,525	22,271	3,677	1,977	100,297
..... 2012	1,833	6,533	7,636	14,366	9,516	2,605	90,738
Nematodes ..... farms, 2017	1	-	-	5	6	3	49
..... 2012	3	-	4	14	8	5	26
..... acres, 2017	(D)	-	-	569	204	4	7,880
..... 2012	6	-	14	78	229	46	1,170
Diseases in crops and orchards ..... farms, 2017	2	-	10	18	17	15	124
..... 2012	2	6	13	13	12	13	62
..... acres, 2017	(D)	-	67	4,221	203	22	23,004
..... 2012	(D)	7	133	147	942	58	16,087
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	-	-	2	1	3	24
..... 2012	3	5	2	13	4	3	99
..... acres on which used, 2017	(D)	-	-	(D)	(D)	3	3,875
..... 2012	6	47	(D)	93	45	8	6,193

  

Item	Rutherford	Scott	Sequatchie	Sevier	Shelby	Smith	Stewart
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	521	139	109	233	139	318	172
..... 2012	436	118	79	212	141	323	139
..... acres treated, 2017	45,845	6,397	5,745	11,387	29,277	32,739	14,599
..... 2012	42,048	4,329	5,620	8,659	40,610	21,486	12,743
Cropland fertilized, except cropland pasture ..... farms, 2017	296	95	67	171	94	229	86
..... 2012	231	70	36	142	85	209	89
..... acres treated, 2017	28,100	3,482	3,813	5,908	27,787	21,396	6,542
..... 2012	25,911	2,173	2,946	4,056	38,799	11,697	8,517
Pastureland and rangeland fertilized ..... farms, 2017	324	85	65	124	58	164	105
..... 2012	277	69	55	127	68	170	77
..... acres treated, 2017	17,745	2,915	1,932	5,479	1,490	11,343	8,057
..... 2012	16,137	2,156	2,674	4,603	1,811	9,789	4,226
Manure ..... farms, 2017	161	45	11	65	33	44	22
..... 2012	87	34	29	61	19	43	32
..... acres treated, 2017	2,630	608	146	944	775	1,080	431
..... 2012	2,075	1,064	867	1,246	261	1,341	429
Organic fertilizer (see text) ..... farms, 2017	24	12	4	17	5	20	5
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	620	252	27	438	105	603	37
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects ..... farms, 2017	75	5	15	30	61	35	29
..... 2012	87	16	16	38	69	54	31
..... acres, 2017	15,855	13	1,942	494	28,774	9,503	3,000
..... 2012	8,899	127	439	271	22,080	3,970	1,068
Weeds, grass, or brush ..... farms, 2017	327	57	63	129	106	297	82
..... 2012	282	68	66	132	143	320	71
..... acres, 2017	30,281	1,758	5,139	5,450	41,190	35,648	8,097
..... 2012	26,525	2,307	4,065	3,920	43,687	24,682	6,916
Nematodes ..... farms, 2017	4	-	6	2	5	3	2
..... 2012	24	3	6	12	13	6	5
..... acres, 2017	(D)	-	(D)	(D)	2,832	98	(D)
..... 2012	1,164	9	41	63	65	134	43
Diseases in crops and orchards ..... farms, 2017	28	5	7	6	20	23	7
..... 2012	32	8	7	7	29	14	7
..... acres, 2017	(D)	8	(D)	58	13,432	7,843	551
..... 2012	3,498	24	54	77	13,812	(D)	426
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	6	-	2	1	12	5	2
..... 2012	21	1	3	9	15	17	13
..... acres on which used, 2017	23	-	(D)	(D)	6,961	233	(D)
..... 2012	714	(D)	30	61	10,381	1,199	327

--continued

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Sullivan	Sumner	Tipton	Trousdale	Unicoi	Union	Van Buren
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	504	483	230	159	49	263	186
.....farms, 2012	382	414	211	132	32	181	108
.....acres treated, 2017	18,488	33,814	95,462	11,132	1,399	12,684	13,055
.....acres treated, 2012	14,561	35,997	87,856	9,097	364	9,691	7,070
Cropland fertilized, except cropland pasture .....farms, 2017	358	269	172	78	38	179	112
.....farms, 2012	255	255	169	75	21	112	67
.....acres treated, 2017	11,130	22,351	92,981	4,473	998	4,921	5,384
.....acres treated, 2012	8,694	23,870	84,535	4,471	178	2,799	3,264
Pastureland and rangeland fertilized .....farms, 2017	288	284	85	110	26	178	136
.....farms, 2012	231	232	74	89	13	124	75
.....acres treated, 2017	7,358	11,463	2,481	6,659	401	7,763	7,671
.....acres treated, 2012	5,867	12,127	3,321	4,626	186	6,892	3,806
Manure .....farms, 2017	130	115	20	14	17	57	78
.....farms, 2012	133	82	22	13	12	30	15
.....acres treated, 2017	3,220	2,479	482	118	144	632	2,271
.....acres treated, 2012	3,038	1,962	232	192	143	685	303
Organic fertilizer (see text) .....farms, 2017	10	32	3	-	4	13	10
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	248	998	55	-	74	288	474
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....farms, 2017	31	100	122	26	21	29	22
.....farms, 2012	39	109	111	33	8	20	14
.....acres, 2017	1,508	18,312	86,162	308	75	486	574
.....acres, 2012	951	12,338	48,486	919	51	131	767
Weeds, grass, or brush .....farms, 2017	234	340	228	134	28	114	109
.....farms, 2012	217	312	207	120	13	82	61
.....acres, 2017	7,942	37,914	136,288	8,711	559	4,289	7,865
.....acres, 2012	4,357	31,428	88,163	8,085	109	2,647	3,546
Nematodes .....farms, 2017	6	10	12	-	-	1	-
.....farms, 2012	10	17	25	-	1	4	-
.....acres, 2017	6	722	7,202	-	-	(D)	-
.....acres, 2012	31	1,458	8,956	-	(D)	13	-
Diseases in crops and orchards .....farms, 2017	13	40	46	5	2	10	13
.....farms, 2012	12	34	40	9	4	8	-
.....acres, 2017	31	5,518	27,877	23	(D)	27	90
.....acres, 2012	54	5,855	26,104	57	11	18	-
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	7	10	25	3	1	1	-
.....farms, 2012	9	44	47	13	2	8	-
.....acres on which used, 2017	54	32	29,417	21	(D)	(D)	-
.....acres on which used, 2012	66	849	20,343	566	(D)	(D)	-

  

Item	Warren	Washington	Wayne	Weakley	White	Williamson	Wilson
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	615	768	396	335	524	459	599
.....farms, 2012	523	595	303	379	473	368	438
.....acres treated, 2017	65,427	37,694	37,203	124,735	34,763	31,242	36,675
.....acres treated, 2012	56,532	30,427	27,959	155,463	31,921	27,350	28,301
Cropland fertilized, except cropland pasture .....farms, 2017	405	595	165	222	343	280	349
.....farms, 2012	372	451	104	305	252	220	252
.....acres treated, 2017	47,484	24,468	14,787	118,224	18,810	19,008	19,507
.....acres treated, 2012	40,171	18,111	8,279	149,747	13,683	15,264	13,785
Pastureland and rangeland fertilized .....farms, 2017	347	457	295	151	325	274	369
.....farms, 2012	273	352	247	126	348	221	275
.....acres treated, 2017	17,943	13,226	22,416	6,511	15,953	12,234	17,168
.....acres treated, 2012	16,361	12,316	19,680	5,716	18,238	12,086	14,516
Manure .....farms, 2017	84	209	85	76	111	119	106
.....farms, 2012	71	173	40	52	79	67	79
.....acres treated, 2017	2,886	4,111	6,334	10,816	4,634	2,634	2,174
.....acres treated, 2012	2,679	3,534	2,095	3,327	3,199	1,324	2,433
Organic fertilizer (see text) .....farms, 2017	19	36	16	14	18	11	43
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	1,529	580	510	267	759	203	922
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects .....farms, 2017	160	65	16	103	69	55	43
.....farms, 2012	194	88	22	150	49	59	79
.....acres, 2017	28,807	3,131	1,374	65,824	4,699	12,215	3,059
.....acres, 2012	19,874	3,014	3,166	76,032	2,189	3,742	3,182
Weeds, grass, or brush .....farms, 2017	383	348	122	221	324	316	382
.....farms, 2012	420	339	89	293	346	231	371
.....acres, 2017	50,287	13,169	14,369	145,595	27,154	32,595	26,967
.....acres, 2012	42,752	13,108	9,033	151,202	23,359	20,697	23,845
Nematodes .....farms, 2017	21	6	2	23	10	10	3
.....farms, 2012	29	22	4	22	7	11	15
.....acres, 2017	9,341	558	(D)	17,223	232	403	142
.....acres, 2012	755	1,240	(D)	2,424	26	244	887
Diseases in crops and orchards .....farms, 2017	56	26	7	44	16	27	4
.....farms, 2012	62	28	6	32	8	16	17
.....acres, 2017	9,720	1,471	11	29,507	936	10,785	5
.....acres, 2012	5,423	1,345	22	10,491	207	1,116	130
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	2	6	3	8	2	4	4
.....farms, 2012	13	36	5	10	9	9	15
.....acres on which used, 2017	(D)	189	3	916	(D)	(D)	121
.....acres on which used, 2012	1,069	777	14	451	36	111	170