

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

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

Item	Missouri	Adair	Andrew	Atchison	Audrain
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	45,522	338	362	315	498
.....farms, 2012	44,084	303	408	302	638
.....acres treated, 2017	10,690,562	77,396	100,258	205,211	238,902
.....acres treated, 2012	9,809,442	54,353	78,328	166,411	249,683
Cropland fertilized, except cropland pasture .....farms, 2017	30,933	240	310	296	445
.....farms, 2012	30,826	248	372	281	603
.....acres treated, 2017	8,246,267	57,790	94,228	199,882	225,771
.....acres treated, 2012	7,672,794	40,749	72,237	159,617	238,987
Pastureland and rangeland fertilized .....farms, 2017	24,483	159	96	67	145
.....farms, 2012	22,775	118	111	68	148
.....acres treated, 2017	2,444,295	19,606	6,030	5,329	13,131
.....acres treated, 2012	2,136,648	13,604	6,091	6,794	10,696
Manure .....farms, 2017	10,287	82	64	18	183
.....farms, 2012	8,753	60	57	21	164
.....acres treated, 2017	777,004	5,757	2,759	4,167	17,164
.....acres treated, 2012	648,298	3,746	3,094	6,642	10,664
Organic fertilizer (see text) .....farms, 2017	1,744	5	8	6	29
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	163,405	333	5,890	507	3,461
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	10,364	86	122	118	215
.....farms, 2012	10,733	66	145	113	295
.....acres, 2017	4,816,682	31,573	51,171	97,695	137,470
.....acres, 2012	3,454,842	11,193	30,575	79,256	112,110
Weeds, grass, or brush .....farms, 2017	29,156	217	331	295	410
.....farms, 2012	31,847	241	386	303	576
.....acres, 2017	10,652,295	69,085	128,014	250,377	270,696
.....acres, 2012	9,957,304	49,674	99,422	212,606	312,125
Nematodes .....farms, 2017	1,933	15	20	47	56
.....farms, 2012	1,563	17	26	20	38
.....acres, 2017	819,629	4,369	13,420	38,175	31,576
.....acres, 2012	512,511	2,697	4,563	8,531	15,368
Diseases in crops and orchards .....farms, 2017	3,255	24	45	29	87
.....farms, 2012	2,580	9	20	31	58
.....acres, 2017	1,428,334	3,888	12,364	25,297	26,258
.....acres, 2012	703,820	1,172	4,538	13,977	13,123
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	744	1	3	3	5
.....farms, 2012	916	5	9	2	-
.....acres on which used, 2017	333,904	(D)	(D)	220	127
.....acres on which used, 2012	381,534	250	239	(D)	-
Item	Barry	Barton	Bates	Benton	Bollinger
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	628	487	627	332	446
.....farms, 2012	537	507	576	281	442
.....acres treated, 2017	86,255	164,045	188,251	54,835	67,207
.....acres treated, 2012	60,804	153,571	161,478	55,566	64,289
Cropland fertilized, except cropland pasture .....farms, 2017	300	337	427	186	274
.....farms, 2012	249	373	405	165	264
.....acres treated, 2017	40,057	131,442	138,214	29,145	40,535
.....acres treated, 2012	26,339	125,998	124,916	34,172	38,329
Pastureland and rangeland fertilized .....farms, 2017	460	270	391	182	317
.....farms, 2012	389	247	311	182	296
.....acres treated, 2017	46,198	32,603	50,037	25,690	26,672
.....acres treated, 2012	34,465	27,573	36,562	21,394	25,960
Manure .....farms, 2017	208	122	131	88	59
.....farms, 2012	212	131	99	69	35
.....acres treated, 2017	27,181	20,170	10,130	7,226	2,350
.....acres treated, 2012	23,559	17,467	11,571	9,574	1,655
Organic fertilizer (see text) .....farms, 2017	25	17	28	14	23
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	3,097	2,545	5,819	976	1,239
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	75	169	160	46	42
.....farms, 2012	72	166	107	43	84
.....acres, 2017	18,760	76,928	85,893	7,089	8,239
.....acres, 2012	4,392	52,961	54,118	6,916	10,797
Weeds, grass, or brush .....farms, 2017	417	348	412	157	175
.....farms, 2012	428	406	405	177	239
.....acres, 2017	58,604	165,212	197,024	34,195	42,253
.....acres, 2012	42,813	161,227	196,516	38,947	37,851
Nematodes .....farms, 2017	5	20	10	2	9
.....farms, 2012	3	18	9	11	7
.....acres, 2017	(D)	8,517	8,520	(D)	1,298
.....acres, 2012	(D)	3,445	5,465	946	509
Diseases in crops and orchards .....farms, 2017	17	71	63	7	14
.....farms, 2012	11	53	5	13	21
.....acres, 2017	9,789	25,406	28,389	(D)	3,415
.....acres, 2012	487	14,813	77	1,203	2,926
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	14	5	7	-	1
.....farms, 2012	8	12	6	4	3
.....acres on which used, 2017	2,353	139	321	-	(D)
.....acres on which used, 2012	175	568	489	723	105

--continued

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

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

Item	Boone	Buchanan	Butler	Caldwell	Callaway	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	449	421	255	299	575
	2012	437	413	290	315	546
acres treated, 2017	68,707	97,932	137,334	78,083	108,550	
	2012	71,125	85,268	134,802	68,903	99,680
Cropland fertilized, except cropland pasture .....	farms, 2017	311	335	183	226	350
	2012	312	367	221	251	360
acres treated, 2017	56,663	89,574	132,279	63,560	89,603	
	2012	60,085	78,312	129,972	55,096	78,092
Pastureland and rangeland fertilized .....	farms, 2017	203	143	89	126	323
	2012	185	120	92	124	254
acres treated, 2017	12,044	8,358	5,055	14,523	18,947	
	2012	11,040	6,956	4,830	13,807	21,588
Manure .....	farms, 2017	106	69	16	54	121
	2012	84	40	23	28	93
acres treated, 2017	4,824	1,380	730	1,499	5,737	
	2012	3,279	1,415	1,086	1,519	7,552
Organic fertilizer (see text) .....	farms, 2017	34	14	12	13	21
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,340	788	165	10,776	1,369	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....	farms, 2017	125	162	122	45	136
	2012	136	130	162	55	86
acres, 2017	37,492	37,027	71,938	23,484	52,696	
	2012	25,366	26,959	71,340	21,373	24,445
Weeds, grass, or brush .....	farms, 2017	254	342	200	253	353
	2012	321	367	236	284	357
acres, 2017	90,596	118,422	191,064	102,844	95,191	
	2012	92,860	107,567	136,256	71,306	102,459
Nematodes .....	farms, 2017	36	35	10	5	22
	2012	21	24	4	-	15
acres, 2017	10,961	7,961	1,469	600	13,140	
	2012	1,746	5,450	792	-	1,866
Diseases in crops and orchards .....	farms, 2017	47	31	67	13	44
	2012	40	16	90	11	29
acres, 2017	21,125	7,862	37,673	(D)	14,126	
	2012	1,544	2,968	43,010	2,659	7,749
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	4	9	16	4	10
	2012	14	5	8	4	8
acres on which used, 2017	4	6,345	3,201	116	160	
	2012	372	235	2,484	133	321
Item	Camden	Cape Girardeau	Carroll	Carter	Cass	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	218	667	525	81	593
	2012	176	579	551	73	563
acres treated, 2017	23,592	162,319	186,576	9,772	115,218	
	2012	15,336	117,113	173,225	10,760	121,941
Cropland fertilized, except cropland pasture .....	farms, 2017	99	489	456	37	416
	2012	82	459	503	23	369
acres treated, 2017	7,476	137,959	172,724	2,297	98,504	
	2012	4,851	97,321	161,493	2,727	101,856
Pastureland and rangeland fertilized .....	farms, 2017	173	364	166	58	269
	2012	122	315	138	64	273
acres treated, 2017	16,116	24,360	13,852	7,475	16,714	
	2012	10,485	19,792	11,732	8,033	20,085
Manure .....	farms, 2017	43	192	50	9	106
	2012	34	140	43	6	101
acres treated, 2017	2,360	7,401	2,583	489	4,391	
	2012	1,301	5,894	3,053	(D)	4,276
Organic fertilizer (see text) .....	farms, 2017	8	17	12	5	12
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	634	1,234	911	730	498	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....	farms, 2017	12	175	217	5	96
	2012	12	167	213	5	112
acres, 2017	738	81,837	140,948	(D)	50,118	
	2012	122	35,328	100,397	16	44,404
Weeds, grass, or brush .....	farms, 2017	95	469	482	34	410
	2012	62	411	517	27	416
acres, 2017	7,558	153,248	254,296	1,871	137,732	
	2012	4,096	102,075	235,969	1,551	137,625
Nematodes .....	farms, 2017	3	12	46	-	8
	2012	7	13	41	-	16
acres, 2017	3	3,000	12,998	-	7,873	
	2012	35	1,272	11,643	-	6,883
Diseases in crops and orchards .....	farms, 2017	-	69	60	2	31
	2012	6	46	34	3	23
acres, 2017	-	23,120	18,285	(D)	19,822	
	2012	26	8,420	7,228	4	6,980
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	-	6	3	-	4
	2012	-	4	1	-	9
acres on which used, 2017	-	(D)	(D)	-	12	
	2012	-	385	(D)	-	307

--continued

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

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

Item	Cedar	Chariton	Christian	Clark	Clay
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	360	547	434	298	176
2012	314	567	417	319	166
acres treated, 2017	56,287	173,507	40,599	129,183	31,620
2012	38,676	165,843	33,926	95,304	30,797
Cropland fertilized, except cropland pasture .....farms, 2017	183	433	210	259	135
2012	147	492	210	273	112
acres treated, 2017	23,977	149,333	16,806	120,511	25,868
2012	18,521	143,209	15,228	83,062	22,216
Pastureland and rangeland fertilized .....farms, 2017	262	222	309	106	69
2012	206	194	295	122	83
acres treated, 2017	32,310	24,174	23,793	8,672	5,752
2012	20,155	22,634	18,698	12,242	8,581
Manure .....farms, 2017	63	60	92	46	52
2012	48	65	100	71	34
acres treated, 2017	5,628	6,802	8,247	2,332	1,658
2012	6,431	3,505	5,349	2,521	1,444
Organic fertilizer (see text) .....farms, 2017	23	18	21	2	7
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	2,727	2,740	681	(D)	200
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	26	216	61	124	44
2012	35	187	69	109	45
acres, 2017	3,430	130,602	4,689	86,787	12,291
2012	2,101	61,985	3,509	30,178	10,439
Weeds, grass, or brush .....farms, 2017	212	410	262	220	125
2012	193	496	267	274	139
acres, 2017	29,181	213,061	15,130	149,217	44,530
2012	24,738	201,336	14,882	96,331	40,410
Nematodes .....farms, 2017	-	41	-	43	4
2012	3	35	2	17	8
acres, 2017	-	15,195	-	10,555	3,872
2012	(D)	7,783	(D)	2,192	1,007
Diseases in crops and orchards .....farms, 2017	3	40	5	13	9
2012	9	29	9	12	16
acres, 2017	(D)	13,151	(D)	3,944	(D)
2012	162	6,099	34	1,928	1,655
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	1	-	2	4	2
2012	1	-	3	2	8
acres on which used, 2017	(D)	-	(D)	(D)	(D)
2012	(D)	(D)	46	(D)	684

  

Item	Clinton	Cole	Cooper	Crawford	Dade	Dallas
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	250	760	525	292	396	454
2012	245	620	530	275	329	436
acres treated, 2017	99,143	68,591	113,280	33,839	106,890	45,693
2012	68,443	53,985	127,661	27,965	78,342	42,664
Cropland fertilized, except cropland pasture .....farms, 2017	187	446	403	136	233	258
2012	173	376	416	122	186	260
acres treated, 2017	91,526	30,830	91,915	8,741	57,578	16,523
2012	58,812	28,171	104,756	7,283	49,714	19,140
Pastureland and rangeland fertilized .....farms, 2017	94	549	240	204	279	300
2012	116	456	237	192	233	287
acres treated, 2017	7,617	37,761	21,365	25,098	49,312	29,170
2012	9,631	25,814	22,905	20,682	28,628	23,524
Manure .....farms, 2017	56	156	107	45	60	152
2012	33	175	103	28	75	183
acres treated, 2017	5,072	6,560	8,336	1,380	15,238	9,458
2012	919	5,968	15,964	1,175	18,758	12,263
Organic fertilizer (see text) .....farms, 2017	8	20	19	9	15	35
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	599	1,378	1,101	721	1,910	3,822
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	107	70	168	22	62	34
2012	65	49	162	29	63	66
acres, 2017	72,236	5,103	62,197	2,309	26,961	1,329
2012	44,828	4,362	55,806	1,298	13,398	1,774
Weeds, grass, or brush .....farms, 2017	197	338	350	101	237	167
2012	200	296	426	124	256	202
acres, 2017	120,357	27,233	118,347	9,394	78,396	10,464
2012	89,694	22,978	147,158	15,939	67,813	11,294
Nematodes .....farms, 2017	15	6	26	2	14	-
2012	13	9	26	1	11	2
acres, 2017	4,081	393	4,842	(D)	4,201	-
2012	4,553	1,465	2,764	(D)	3,984	(D)
Diseases in crops and orchards .....farms, 2017	23	6	44	8	18	9
2012	16	9	35	1	25	25
acres, 2017	(D)	167	21,910	(D)	8,947	47
2012	5,101	70	9,131	(D)	9,998	162
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	3	3	4	5	2	-
2012	1	6	5	7	5	4
acres on which used, 2017	90	3	(D)	10	(D)	-
2012	(D)	112	(D)	90	(D)	(D)

--continued

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

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

Item	Daviess	DeKalb	Dent	Douglas	Dunklin	Franklin
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	425	272	292	412	204	912
..... 2012	429	339	250	380	235	908
..... acres treated, 2017	93,903	87,656	35,459	50,314	197,775	92,941
..... 2012	80,762	88,694	30,330	41,055	209,225	96,462
Cropland fertilized, except cropland pasture ..... farms, 2017	336	214	154	204	199	612
..... 2012	386	266	110	197	229	558
..... acres treated, 2017	77,257	72,897	8,639	14,535	197,525	55,030
..... 2012	71,917	74,556	6,578	12,370	208,843	65,286
Pastureland and rangeland fertilized ..... farms, 2017	174	126	215	295	9	555
..... 2012	129	146	182	287	11	629
..... acres treated, 2017	16,646	14,759	26,820	35,779	250	37,911
..... 2012	8,845	14,138	23,752	28,685	382	31,176
Manure ..... farms, 2017	129	52	42	60	-	286
..... 2012	81	49	31	52	4	285
..... acres treated, 2017	5,495	2,014	1,806	4,300	-	7,361
..... 2012	2,790	3,819	2,197	3,073	(D)	9,473
Organic fertilizer (see text) ..... farms, 2017	20	9	11	25	5	50
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	647	549	850	1,321	4,330	2,578
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	124	80	21	13	160	103
..... 2012	156	78	21	30	182	115
..... acres, 2017	54,404	53,531	334	910	153,987	15,953
..... 2012	32,571	26,300	412	1,940	148,401	13,136
Weeds, grass, or brush ..... farms, 2017	333	202	143	199	196	482
..... 2012	436	268	97	191	248	509
..... acres, 2017	108,787	86,264	12,506	19,918	224,138	54,348
..... 2012	121,263	103,687	5,941	14,813	237,655	65,140
Nematodes ..... farms, 2017	23	18	5	1	45	16
..... 2012	30	13	3	2	71	21
..... acres, 2017	6,926	11,352	9	(D)	35,517	1,218
..... 2012	1,489	433	8	(D)	69,282	2,380
Diseases in crops and orchards ..... farms, 2017	34	23	8	-	75	36
..... 2012	47	11	10	2	86	38
..... acres, 2017	14,123	16,063	13	-	51,671	6,663
..... 2012	3,082	290	114	(D)	57,092	2,122
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	-	4	-	101	10
..... 2012	5	2	1	3	105	12
..... acres on which used, 2017	(D)	-	(D)	-	93,256	1,041
..... 2012	129	(D)	(D)	(D)	109,851	699

  

Item	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	511	259	619	266	384	451
..... 2012	470	276	545	243	368	446
..... acres treated, 2017	65,784	77,189	53,901	60,731	120,079	142,017
..... 2012	53,670	66,578	49,238	53,003	111,701	117,551
Cropland fertilized, except cropland pasture ..... farms, 2017	328	199	298	203	294	289
..... 2012	282	229	288	204	307	309
..... acres treated, 2017	35,509	62,239	25,350	53,183	103,214	97,577
..... 2012	25,613	52,674	21,136	43,785	97,090	83,394
Pastureland and rangeland fertilized ..... farms, 2017	351	109	409	112	161	271
..... 2012	321	109	360	98	115	237
..... acres treated, 2017	30,275	14,950	28,551	7,548	16,865	44,440
..... 2012	28,057	13,904	28,102	9,218	14,611	34,157
Manure ..... farms, 2017	122	54	117	83	78	96
..... 2012	108	51	131	50	44	67
..... acres treated, 2017	5,635	2,422	6,829	4,809	5,199	14,275
..... 2012	3,187	4,212	9,880	2,832	2,584	7,426
Organic fertilizer (see text) ..... farms, 2017	14	3	35	7	7	3
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	892	(D)	3,969	434	375	(D)
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	65	87	86	66	112	85
..... 2012	65	62	102	64	79	73
..... acres, 2017	7,675	35,887	4,538	25,855	66,485	45,865
..... 2012	3,258	20,229	6,557	15,633	51,736	17,286
Weeds, grass, or brush ..... farms, 2017	243	215	324	187	297	313
..... 2012	252	251	376	207	338	342
..... acres, 2017	30,227	87,683	25,374	73,339	139,717	134,920
..... 2012	21,788	83,421	29,804	74,687	147,856	133,419
Nematodes ..... farms, 2017	10	11	8	9	39	19
..... 2012	5	12	6	20	7	7
..... acres, 2017	1,400	5,931	321	1,692	16,279	5,045
..... 2012	150	2,518	127	2,656	2,220	1,308
Diseases in crops and orchards ..... farms, 2017	20	25	12	25	33	30
..... 2012	25	13	17	26	24	25
..... acres, 2017	2,268	10,477	1,064	3,244	23,723	10,327
..... 2012	213	3,482	257	7,502	5,973	3,993
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	10	5	6	6	-	1
..... 2012	8	1	12	3	3	1
..... acres on which used, 2017	676	726	18	611	-	(D)
..... 2012	96	(D)	382	(D)	126	(D)

--continued

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

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

Item	Hickory	Holt	Howard	Howell	Iron	Jackson
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	240	274	333	712	88	228
2012	185	278	329	711	89	219
acres treated, 2017	39,175	142,980	72,986	92,964	9,381	36,957
2012	34,395	114,474	80,628	84,010	8,615	35,130
Cropland fertilized, except cropland pasture .....farms, 2017	148	262	268	323	50	182
2012	92	262	279	309	48	164
acres treated, 2017	17,651	139,686	62,288	21,448	3,023	30,200
2012	13,003	111,226	70,910	18,681	3,329	31,741
Pastureland and rangeland fertilized .....farms, 2017	157	45	102	558	56	71
2012	132	48	101	555	60	85
acres treated, 2017	21,524	3,294	10,698	71,516	6,358	6,757
2012	21,392	3,248	9,718	65,329	5,286	3,389
Manure .....farms, 2017	30	17	41	150	5	43
2012	38	7	22	105	12	54
acres treated, 2017	6,835	1,744	1,531	12,092	384	1,816
2012	6,466	473	976	8,537	1,263	781
Organic fertilizer (see text) .....farms, 2017	16	3	5	46	5	17
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,604	451	990	3,860	430	167
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	22	142	124	72	3	76
2012	11	138	101	144	4	75
acres, 2017	2,979	102,116	35,154	5,506	25	23,780
2012	636	57,224	36,250	9,518	31	15,901
Weeds, grass, or brush .....farms, 2017	104	261	274	372	17	181
2012	93	292	304	339	24	206
acres, 2017	14,204	173,776	94,230	34,013	1,719	59,090
2012	19,681	150,303	84,833	23,937	1,914	56,857
Nematodes .....farms, 2017	1	27	31	3	-	9
2012	-	37	8	2	-	9
acres, 2017	(D)	43,301	6,563	(D)	-	(D)
2012	-	10,048	3,484	(D)	-	2,574
Diseases in crops and orchards .....farms, 2017	2	49	34	8	-	30
2012	1	34	20	5	2	25
acres, 2017	(D)	54,235	7,649	(D)	-	2,796
2012	(D)	17,439	5,149	11	(D)	4,489
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	2	-	-	2	-	6
2012	3	5	6	6	-	8
acres on which used, 2017	(D)	-	-	(D)	-	71
2012	38	444	436	103	-	2,159
Item	Jasper	Jefferson	Johnson	Knox	Laclede	Lafayette
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	534	279	697	328	590	634
2012	545	225	633	356	518	676
acres treated, 2017	111,987	23,604	153,314	103,778	85,255	194,147
2012	86,827	22,501	136,542	113,014	66,859	180,955
Cropland fertilized, except cropland pasture .....farms, 2017	286	193	451	291	327	535
2012	339	139	406	304	317	589
acres treated, 2017	73,166	15,390	108,783	92,307	29,157	180,578
2012	59,264	15,584	96,796	100,579	32,823	164,960
Pastureland and rangeland fertilized .....farms, 2017	370	133	417	99	430	250
2012	319	131	368	119	363	250
acres treated, 2017	38,821	8,214	44,531	11,471	56,098	13,569
2012	27,563	6,917	39,746	12,435	34,036	15,995
Manure .....farms, 2017	120	67	151	117	88	173
2012	142	70	122	65	109	125
acres treated, 2017	17,970	1,373	14,906	11,443	6,449	9,597
2012	15,212	1,944	9,087	5,093	9,696	7,416
Organic fertilizer (see text) .....farms, 2017	20	13	14	15	14	15
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,507	616	792	1,531	1,868	444
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	98	38	142	88	34	271
2012	97	49	105	100	69	260
acres, 2017	27,430	1,954	43,846	49,024	2,875	121,233
2012	14,025	2,030	22,150	34,740	3,375	73,843
Weeds, grass, or brush .....farms, 2017	348	133	476	246	220	529
2012	411	127	465	309	224	611
acres, 2017	111,982	11,669	138,842	107,230	16,273	217,008
2012	80,125	16,212	127,121	132,734	20,454	202,696
Nematodes .....farms, 2017	10	1	28	22	1	65
2012	3	5	14	14	6	47
acres, 2017	1,435	(D)	11,354	14,933	(D)	20,134
2012	90	21	4,164	5,785	259	6,106
Diseases in crops and orchards .....farms, 2017	39	6	40	31	1	101
2012	13	14	27	19	10	45
acres, 2017	10,331	76	12,672	22,070	(D)	25,662
2012	2,627	199	3,173	1,151	143	10,327
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	4	1	7	1	1	7
2012	2	4	3	1	20	7
acres on which used, 2017	(D)	(D)	110	(D)	(D)	683
2012	(D)	40	41	(D)	11,535	893

--continued

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

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

Item	Lawrence	Lewis	Lincoln	Linn	Livingston	McDonald
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	831	306	557	492	369	328
..... 2012	739	372	623	446	395	250
..... acres treated, 2017	101,358	98,562	119,282	118,964	112,223	33,324
..... 2012	89,695	129,059	130,938	104,865	106,076	23,264
Cropland fertilized, except cropland pasture ..... farms, 2017	435	257	439	358	322	131
..... 2012	385	328	515	358	343	95
..... acres treated, 2017	47,240	91,766	107,079	93,919	104,597	9,947
..... 2012	41,595	120,030	118,561	87,388	96,515	6,027
Pastureland and rangeland fertilized ..... farms, 2017	587	94	207	223	102	235
..... 2012	529	113	210	161	133	185
..... acres treated, 2017	54,118	6,796	12,203	25,045	7,626	23,377
..... 2012	48,100	9,029	12,377	17,477	9,561	17,237
Manure ..... farms, 2017	298	62	126	140	55	179
..... 2012	252	61	106	103	47	112
..... acres treated, 2017	24,254	4,225	4,542	8,554	2,403	21,572
..... 2012	22,609	2,000	3,632	5,967	1,287	14,921
Organic fertilizer (see text) ..... farms, 2017	62	12	22	11	7	24
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	4,007	408	1,940	225	500	2,406
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	132	82	173	108	87	30
..... 2012	131	83	197	147	123	37
..... acres, 2017	16,912	51,911	46,334	19,679	43,095	5,122
..... 2012	15,439	41,092	50,682	30,864	40,934	1,174
Weeds, grass, or brush ..... farms, 2017	493	219	424	315	321	264
..... 2012	496	327	549	360	387	238
..... acres, 2017	50,920	111,428	122,091	111,162	155,904	35,482
..... 2012	58,620	157,309	154,925	104,604	134,369	34,587
Nematodes ..... farms, 2017	9	31	49	13	25	5
..... 2012	7	21	31	18	31	5
..... acres, 2017	393	12,599	9,363	2,371	9,978	(D)
..... 2012	692	6,320	5,769	3,889	6,391	103
Diseases in crops and orchards ..... farms, 2017	23	20	36	27	29	4
..... 2012	33	6	20	30	25	8
..... acres, 2017	3,208	11,854	5,233	3,867	9,296	(D)
..... 2012	3,803	(D)	4,016	3,010	3,323	81
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	2	2	4	-	8	-
..... 2012	6	5	6	1	7	4
..... acres on which used, 2017	(D)	(D)	1,901	-	9,349	-
..... 2012	87	17	871	(D)	3,440	115
Item	Macon	Madison	Maries	Marion	Mercer	Miller
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	489	171	563	302	207	562
..... 2012	476	160	460	371	180	479
..... acres treated, 2017	138,818	19,752	82,518	125,565	53,994	72,572
..... 2012	111,426	24,389	69,454	107,611	46,073	53,981
Cropland fertilized, except cropland pasture ..... farms, 2017	360	78	332	267	168	309
..... 2012	381	70	243	340	143	245
..... acres treated, 2017	113,803	4,881	26,643	121,269	41,300	26,016
..... 2012	88,242	5,435	21,900	102,535	36,095	18,207
Pastureland and rangeland fertilized ..... farms, 2017	230	152	441	89	77	424
..... 2012	179	123	380	98	74	396
..... acres treated, 2017	25,015	14,871	55,875	4,296	12,694	46,556
..... 2012	23,184	18,954	47,554	5,076	9,978	35,774
Manure ..... farms, 2017	114	33	73	61	36	143
..... 2012	87	12	79	61	32	133
..... acres treated, 2017	7,229	3,322	6,694	3,220	4,354	14,344
..... 2012	4,673	1,627	5,105	3,200	2,923	10,267
Organic fertilizer (see text) ..... farms, 2017	15	7	23	4	7	26
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	671	495	4,829	357	1,583	3,021
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	119	4	21	108	31	32
..... 2012	125	10	28	102	25	23
..... acres, 2017	69,266	60	807	60,671	12,255	1,132
..... 2012	38,935	464	2,677	43,423	11,285	823
Weeds, grass, or brush ..... farms, 2017	304	51	303	253	147	255
..... 2012	380	61	167	333	143	196
..... acres, 2017	142,845	3,365	26,079	141,553	53,997	22,845
..... 2012	110,097	3,287	16,218	125,546	62,310	21,109
Nematodes ..... farms, 2017	42	-	-	36	8	3
..... 2012	32	-	3	18	4	3
..... acres, 2017	18,233	-	-	36,968	624	120
..... 2012	7,863	-	(D)	6,477	166	51
Diseases in crops and orchards ..... farms, 2017	37	-	3	25	7	3
..... 2012	15	1	9	20	6	13
..... acres, 2017	13,374	-	(D)	11,650	(D)	174
..... 2012	2,257	(D)	232	4,266	554	610
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	7	1	2	3	2	1
..... 2012	7	5	5	1	7	2
..... acres on which used, 2017	1,085	(D)	(D)	210	(D)	(D)
..... 2012	886	93	(D)	(D)	472	(D)

--continued

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

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

Item	Mississippi	Moniteau	Monroe	Montgomery	Morgan	New Madrid
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	128	668	478	426	518	233
.....farms, 2012	158	621	454	465	424	258
.....acres treated, 2017	126,051	93,737	155,215	112,694	70,546	262,201
.....acres treated, 2012	124,830	78,418	151,886	142,614	56,202	246,421
Cropland fertilized, except cropland pasture .....farms, 2017	127	414	362	344	293	233
.....farms, 2012	156	380	372	391	301	257
.....acres treated, 2017	125,541	49,910	135,842	98,249	36,354	(D)
.....acres treated, 2012	124,744	40,548	138,679	128,269	34,434	(D)
Pastureland and rangeland fertilized .....farms, 2017	3	437	195	179	351	1
.....farms, 2012	3	424	178	182	249	1
.....acres treated, 2017	510	43,827	19,373	14,445	34,192	(D)
.....acres treated, 2012	86	37,870	13,207	14,345	21,768	(D)
Manure .....farms, 2017	5	211	102	67	321	4
.....farms, 2012	4	196	83	76	232	5
.....acres treated, 2017	1,367	14,400	8,126	2,295	21,801	750
.....acres treated, 2012	(D)	13,073	4,367	2,182	20,563	990
Organic fertilizer (see text) .....farms, 2017	-	19	13	10	14	1
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	-	887	1,027	684	924	(D)
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	97	86	150	142	65	182
.....farms, 2012	100	88	161	146	77	193
.....acres, 2017	124,031	8,635	83,115	64,492	5,554	206,310
.....acres, 2012	101,175	11,753	75,063	49,235	4,411	158,427
Weeds, grass, or brush .....farms, 2017	133	336	335	329	256	228
.....farms, 2012	169	358	394	404	277	264
.....acres, 2017	226,165	56,888	163,220	118,475	32,426	387,388
.....acres, 2012	209,889	44,944	179,014	162,194	27,961	292,898
Nematodes .....farms, 2017	39	16	33	38	6	40
.....farms, 2012	40	11	18	12	11	62
.....acres, 2017	39,311	5,316	3,579	11,663	292	33,338
.....acres, 2012	31,736	1,586	3,225	4,661	107	40,512
Diseases in crops and orchards .....farms, 2017	66	37	41	48	23	70
.....farms, 2012	56	24	32	15	27	72
.....acres, 2017	57,986	4,389	6,256	18,706	850	61,583
.....acres, 2012	43,739	2,892	2,852	4,908	1,534	42,778
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	-	9	5	2	2	99
.....farms, 2012	7	7	9	2	5	126
.....acres on which used, 2017	-	151	(D)	(D)	(D)	67,166
.....acres on which used, 2012	1,363	179	150	(D)	68	83,087
Item	Newton	Nodaway	Oregon	Osage	Ozark	Pemiscot
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	615	679	286	833	312	140
.....farms, 2012	567	715	368	702	276	139
.....acres treated, 2017	72,769	215,469	40,382	111,283	43,011	154,564
.....acres treated, 2012	66,932	209,509	48,687	93,368	44,977	199,266
Cropland fertilized, except cropland pasture .....farms, 2017	290	569	142	535	149	140
.....farms, 2012	239	595	142	419	145	139
.....acres treated, 2017	29,513	182,303	7,816	42,033	10,867	154,564
.....acres treated, 2012	30,326	175,392	8,869	35,137	8,970	199,266
Pastureland and rangeland fertilized .....farms, 2017	437	290	217	618	247	-
.....farms, 2012	439	334	301	541	204	-
.....acres treated, 2017	43,256	33,166	32,566	69,250	32,144	-
.....acres treated, 2012	36,606	34,117	39,818	58,231	36,007	-
Manure .....farms, 2017	229	122	42	256	45	-
.....farms, 2012	232	83	31	198	27	3
.....acres treated, 2017	30,480	7,791	2,582	16,119	2,284	-
.....acres treated, 2012	21,897	2,856	2,188	15,530	2,713	(D)
Organic fertilizer (see text) .....farms, 2017	28	13	11	45	15	1
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	4,779	907	988	3,054	528	(D)
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	76	212	31	96	21	116
.....farms, 2012	82	231	91	81	47	116
.....acres, 2017	11,334	115,769	766	10,109	1,966	168,549
.....acres, 2012	9,480	78,929	10,237	11,645	7,847	112,519
Weeds, grass, or brush .....farms, 2017	397	565	153	448	207	152
.....farms, 2012	411	630	211	353	178	179
.....acres, 2017	43,872	252,594	13,576	39,298	25,652	278,433
.....acres, 2012	53,278	219,278	18,630	38,720	20,911	235,761
Nematodes .....farms, 2017	15	44	-	13	-	10
.....farms, 2012	11	33	-	9	-	43
.....acres, 2017	1,597	23,091	-	1,332	-	22,570
.....acres, 2012	2,244	7,504	-	1,957	-	37,509
Diseases in crops and orchards .....farms, 2017	27	51	-	14	2	76
.....farms, 2012	19	32	1	18	6	58
.....acres, 2017	5,015	22,330	-	1,554	(D)	110,641
.....acres, 2012	2,296	9,014	(D)	3,530	9	55,303
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	9	7	-	9	-	46
.....farms, 2012	3	6	-	11	1	66
.....acres on which used, 2017	882	929	-	577	-	33,682
.....acres on which used, 2012	8	(D)	-	2,021	(D)	60,078

--continued

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

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

Item	Perry	Pettis	Phelps	Pike	Platte	Polk
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	517	609	341	493	211	643
..... 2012	555	602	273	537	235	634
..... acres treated, 2017	93,853	170,863	31,436	147,072	77,235	80,582
..... 2012	88,809	164,140	26,923	157,678	52,749	76,482
Cropland fertilized, except cropland pasture ..... farms, 2017	372	487	144	405	174	405
..... 2012	426	477	124	479	187	367
..... acres treated, 2017	73,097	140,142	7,225	130,072	73,921	39,146
..... 2012	70,156	139,509	5,370	140,145	46,974	34,528
Pastureland and rangeland fertilized ..... farms, 2017	317	274	266	187	56	404
..... 2012	321	278	212	176	88	427
..... acres treated, 2017	20,756	30,721	24,211	17,000	3,314	41,436
..... 2012	18,653	24,631	21,553	17,533	5,775	41,954
Manure ..... farms, 2017	114	188	55	115	32	207
..... 2012	86	163	27	92	33	214
..... acres treated, 2017	2,773	24,720	5,086	4,580	1,250	15,715
..... 2012	1,951	22,740	944	4,450	1,102	17,162
Organic fertilizer (see text) ..... farms, 2017	8	28	22	16	13	33
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	269	2,944	861	965	529	2,192
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	126	208	16	178	74	74
..... 2012	173	184	18	153	93	96
..... acres, 2017	34,557	87,510	105	66,690	40,258	7,947
..... 2012	33,267	58,628	294	59,684	25,341	4,196
Weeds, grass, or brush ..... farms, 2017	328	421	137	378	186	344
..... 2012	409	491	86	455	240	380
..... acres, 2017	83,318	178,357	9,101	162,454	105,323	36,123
..... 2012	84,522	176,405	5,108	164,645	77,885	34,084
Nematodes ..... farms, 2017	15	36	1	51	10	4
..... 2012	10	24	3	18	14	3
..... acres, 2017	2,347	10,135	(D)	14,228	3,118	91
..... 2012	496	3,139	15	2,750	2,335	14
Diseases in crops and orchards ..... farms, 2017	28	48	6	39	30	25
..... 2012	45	32	9	29	30	15
..... acres, 2017	6,551	13,478	28	8,508	10,496	2,501
..... 2012	4,580	4,515	51	4,366	8,836	494
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	12	6	3	2	5	4
..... 2012	2	6	6	6	17	9
..... acres on which used, 2017	532	15	(D)	(D)	148	31
..... 2012	(D)	74	103	135	639	314
Item	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	228	289	299	278	366	99
..... 2012	224	270	309	290	432	130
..... acres treated, 2017	27,119	69,981	115,239	74,742	84,245	9,508
..... 2012	22,584	52,755	131,482	54,072	88,370	11,002
Cropland fertilized, except cropland pasture ..... farms, 2017	130	226	262	210	288	51
..... 2012	106	207	287	218	325	69
..... acres treated, 2017	10,730	52,523	109,695	63,391	72,833	3,096
..... 2012	5,950	33,885	123,004	44,786	76,255	3,940
Pastureland and rangeland fertilized ..... farms, 2017	161	125	91	118	134	65
..... 2012	160	121	78	127	165	85
..... acres treated, 2017	16,389	17,458	5,544	11,351	11,412	6,412
..... 2012	16,634	18,870	8,478	9,286	12,115	7,062
Manure ..... farms, 2017	25	48	44	61	54	9
..... 2012	14	30	38	44	45	16
..... acres treated, 2017	1,296	11,419	1,287	3,261	2,630	825
..... 2012	843	3,758	2,902	1,100	1,925	746
Organic fertilizer (see text) ..... farms, 2017	7	5	1	11	10	10
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	633	1,418	(D)	293	346	835
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	1	66	106	82	116	1
..... 2012	22	46	120	72	126	6
..... acres, 2017	(D)	15,471	55,120	44,321	54,428	(D)
..... 2012	1,016	10,202	37,935	14,446	44,403	88
Weeds, grass, or brush ..... farms, 2017	85	173	252	177	282	25
..... 2012	79	174	281	211	380	25
..... acres, 2017	10,801	51,125	131,951	84,479	112,121	561
..... 2012	4,804	55,624	156,602	59,589	117,774	814
Nematodes ..... farms, 2017	2	20	43	32	9	-
..... 2012	3	6	11	14	20	-
..... acres, 2017	(D)	3,569	10,064	14,124	1,145	-
..... 2012	335	2,140	2,291	658	2,761	-
Diseases in crops and orchards ..... farms, 2017	7	31	32	33	30	2
..... 2012	1	3	18	25	37	-
..... acres, 2017	1,202	3,693	7,585	14,153	10,152	(D)
..... 2012	(D)	(D)	1,724	658	8,704	-
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	2	3	-	5	4	-
..... 2012	2	-	4	5	2	1
..... acres on which used, 2017	(D)	(D)	-	(D)	76	-
..... 2012	(D)	-	92	133	(D)	(D)

--continued



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

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

Item	Ripley	St. Charles	St. Clair	Ste. Genevieve	St. Francois	St. Louis
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	167	365	354	381	273	65
2012	169	350	293	302	234	84
acres treated, 2017	29,080	86,698	85,414	60,019	28,967	10,134
2012	25,301	74,461	73,735	51,093	17,606	8,110
Cropland fertilized, except cropland pasture .....farms, 2017	68	309	187	263	148	50
2012	71	318	163	201	112	65
acres treated, 2017	15,441	84,113	48,573	41,738	13,142	(D)
2012	13,404	71,431	48,566	35,398	8,045	(D)
Pastureland and rangeland fertilized .....farms, 2017	114	105	233	215	186	18
2012	120	90	180	191	167	22
acres treated, 2017	13,639	2,585	36,841	18,281	15,825	(D)
2012	11,897	3,030	25,169	15,695	9,561	(D)
Manure .....farms, 2017	24	81	55	71	61	7
2012	11	60	42	63	59	3
acres treated, 2017	3,254	2,678	4,226	1,864	7,106	8
2012	656	2,833	3,979	2,981	1,451	21
Organic fertilizer (see text) .....farms, 2017	11	6	13	11	22	7
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,087	169	1,375	428	1,364	16
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	26	145	71	69	33	28
2012	36	174	37	75	37	40
acres, 2017	8,685	45,930	30,802	13,512	1,844	2,586
2012	8,589	40,117	3,934	16,264	1,523	4,609
Weeds, grass, or brush .....farms, 2017	123	293	231	214	105	43
2012	91	307	201	173	100	74
acres, 2017	20,202	107,897	69,742	39,625	7,403	11,064
2012	19,845	101,539	54,639	34,655	6,897	11,264
Nematodes .....farms, 2017	5	27	10	4	3	3
2012	6	13	1	5	3	3
acres, 2017	(D)	6,790	1,052	375	(D)	1,157
2012	639	1,118	(D)	500	66	6
Diseases in crops and orchards .....farms, 2017	11	43	33	21	11	9
2012	14	28	7	11	10	14
acres, 2017	3,691	4,616	9,096	5,020	418	603
2012	3,947	921	(D)	672	71	1,335
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	5	8	2	2	1	-
2012	3	6	5	2	4	3
acres on which used, 2017	129	285	(D)	(D)	(D)	-
2012	29	205	110	(D)	14	9

  

Item	Saline	Schuyler	Scotland	Scott	Shannon	Shelby
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	580	220	403	244	178	348
2012	625	183	325	258	173	413
acres treated, 2017	244,835	40,402	97,583	125,527	31,349	132,312
2012	239,356	41,149	83,429	133,893	21,293	134,006
Cropland fertilized, except cropland pasture .....farms, 2017	520	181	355	219	94	301
2012	577	138	297	213	72	364
acres treated, 2017	232,187	30,789	88,934	121,431	9,514	123,214
2012	226,684	32,111	73,404	129,984	5,169	121,936
Pastureland and rangeland fertilized .....farms, 2017	144	90	130	60	140	115
2012	154	77	116	70	135	154
acres treated, 2017	12,648	9,613	8,649	4,096	21,835	9,098
2012	12,672	9,038	10,025	3,909	16,124	12,070
Manure .....farms, 2017	64	81	163	50	25	56
2012	55	36	102	39	14	87
acres treated, 2017	9,866	2,839	14,741	4,311	2,301	2,842
2012	11,507	1,528	9,616	5,510	1,605	4,164
Organic fertilizer (see text) .....farms, 2017	18	13	22	4	9	5
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,099	400	1,764	(D)	565	291
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	364	28	108	133	13	156
2012	305	34	86	151	9	153
acres, 2017	212,792	4,710	35,410	114,275	47	95,935
2012	146,630	9,992	31,137	102,657	248	66,982
Weeds, grass, or brush .....farms, 2017	499	112	285	204	82	283
2012	605	140	277	239	56	367
acres, 2017	309,277	32,538	126,832	185,453	4,638	138,801
2012	308,851	38,162	90,109	164,058	3,460	165,191
Nematodes .....farms, 2017	77	10	32	30	3	36
2012	41	8	17	36	1	33
acres, 2017	48,050	1,785	13,607	24,284	12	10,973
2012	18,309	4,042	5,009	23,260	(D)	10,272
Diseases in crops and orchards .....farms, 2017	135	11	16	79	10	32
2012	54	4	21	71	1	32
acres, 2017	87,229	1,075	2,872	82,719	68	11,612
2012	16,398	(D)	4,490	52,780	(D)	9,613
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	3	7	5	12	6	2
2012	18	1	1	3	2	2
acres on which used, 2017	163	90	(D)	3,249	6	(D)
2012	1,767	(D)	(D)	5,518	(D)	(D)

--continued

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

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

Item	Stoddard	Stone	Sullivan	Taney	Texas	Vernon
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	423	241	256	133	712	616
..... 2012	467	197	249	95	552	597
..... acres treated, 2017	321,317	20,934	68,381	15,864	96,739	187,840
..... 2012	285,282	17,542	57,861	10,082	74,657	144,002
Cropland fertilized, except cropland pasture ..... farms, 2017	357	97	177	69	379	364
..... 2012	387	106	174	50	291	389
..... acres treated, 2017	316,282	5,503	47,501	5,613	30,580	140,953
..... 2012	279,637	8,798	41,637	3,064	20,895	102,872
Pastureland and rangeland fertilized ..... farms, 2017	105	184	124	90	502	357
..... 2012	113	133	120	61	403	334
..... acres treated, 2017	5,035	15,431	20,880	10,251	66,159	46,887
..... 2012	5,645	8,744	16,224	7,018	53,762	41,130
Manure ..... farms, 2017	45	87	46	16	139	182
..... 2012	45	64	36	30	70	151
..... acres treated, 2017	7,423	4,894	6,176	1,516	9,422	26,179
..... 2012	3,691	7,071	4,728	1,959	7,137	16,093
Organic fertilizer (see text) ..... farms, 2017	3	13	14	6	50	16
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	453	1,983	649	3,893	1,889
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	237	31	43	10	28	177
..... 2012	246	47	39	9	34	164
..... acres, 2017	255,269	1,132	11,015	345	628	101,982
..... 2012	184,963	5,396	11,495	200	909	45,453
Weeds, grass, or brush ..... farms, 2017	347	157	167	85	311	395
..... 2012	408	184	181	93	252	432
..... acres, 2017	399,235	12,769	58,589	8,286	26,221	197,166
..... 2012	317,118	17,678	55,550	9,619	20,271	145,446
Nematodes ..... farms, 2017	31	-	5	-	1	10
..... 2012	33	2	13	1	3	8
..... acres, 2017	11,071	-	393	-	(D)	1,979
..... 2012	39,048	(D)	4,499	(D)	(D)	5,406
Diseases in crops and orchards ..... farms, 2017	125	5	6	8	1	79
..... 2012	121	11	6	2	8	62
..... acres, 2017	109,326	7	669	107	(D)	32,930
..... 2012	73,618	59	999	(D)	95	6,153
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	97	-	1	-	3	10
..... 2012	77	1	1	-	2	27
..... acres on which used, 2017	93,851	-	(D)	-	6	1,584
..... 2012	70,445	(D)	(D)	-	(D)	3,492

  

Item	Warren	Washington	Wayne	Webster	Worth	Wright
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	300	212	153	789	141	550
..... 2012	310	203	174	742	148	544
..... acres treated, 2017	62,957	17,566	21,012	73,720	33,402	68,429
..... 2012	59,886	17,629	18,772	66,072	29,753	69,024
Cropland fertilized, except cropland pasture ..... farms, 2017	233	100	71	489	120	328
..... 2012	261	77	71	446	122	320
..... acres treated, 2017	55,003	5,479	13,473	34,327	28,554	26,995
..... 2012	52,570	4,180	6,194	30,269	23,629	23,801
Pastureland and rangeland fertilized ..... farms, 2017	155	160	105	524	51	394
..... 2012	130	156	133	474	55	379
..... acres treated, 2017	7,954	12,087	7,539	39,393	4,848	41,434
..... 2012	7,316	13,449	12,578	35,803	6,124	45,223
Manure ..... farms, 2017	102	34	32	34	14	118
..... 2012	79	46	39	285	19	82
..... acres treated, 2017	2,839	841	618	16,329	1,626	10,261
..... 2012	1,921	1,477	1,403	11,869	568	6,597
Organic fertilizer (see text) ..... farms, 2017	4	14	7	50	1	19
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	10	719	689	2,423	(D)	1,572
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	100	9	18	55	30	29
..... 2012	84	17	15	94	18	48
..... acres, 2017	23,486	1,927	4,493	2,745	9,186	3,057
..... 2012	9,548	693	2,206	3,167	9,251	1,938
Weeds, grass, or brush ..... farms, 2017	226	54	52	337	124	183
..... 2012	252	42	57	305	142	241
..... acres, 2017	65,130	4,472	19,040	15,723	36,372	13,599
..... 2012	60,453	3,782	5,862	16,410	32,572	17,699
Nematodes ..... farms, 2017	25	-	1	4	7	-
..... 2012	6	3	1	11	5	2
..... acres, 2017	5,980	-	(D)	42	1,123	-
..... 2012	1,093	(D)	(D)	120	1,969	(D)
Diseases in crops and orchards ..... farms, 2017	36	1	5	26	5	6
..... 2012	30	8	4	12	1	14
..... acres, 2017	3,847	(D)	1,637	491	953	170
..... 2012	2,378	(D)	(D)	92	(D)	312
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	5	-	3	4	5	1
..... 2012	4	-	4	8	2	6
..... acres on which used, 2017	(D)	-	12	10	552	(D)
..... 2012	(D)	-	32	99	(D)	168