

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

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

Item	Kentucky	Adair	Allen	Anderson	Ballard
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	31,147	618	585	182	159
2012	29,560	539	479	180	214
acres treated, 2017	4,131,093	52,781	48,151	8,091	55,225
2012	3,786,682	46,020	34,594	9,131	63,608
Cropland fertilized, except cropland pasture .....farms, 2017	22,888	460	393	137	136
2012	22,580	402	332	115	167
acres treated, 2017	3,330,254	35,369	27,120	5,564	52,841
2012	3,096,038	29,839	17,045	4,921	60,088
Pastureland and rangeland fertilized .....farms, 2017	15,494	346	389	66	35
2012	13,741	307	298	83	64
acres treated, 2017	800,839	17,412	21,031	2,527	2,384
2012	690,644	16,181	17,549	4,210	3,520
Manure .....farms, 2017	10,299	167	145	84	33
2012	9,167	167	108	50	39
acres treated, 2017	406,657	7,101	3,391	1,928	1,723
2012	376,121	6,656	3,167	1,357	3,161
Organic fertilizer (see text) .....farms, 2017	1,510	18	42	12	7
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	56,743	829	1,373	254	226
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	7,494	72	150	38	83
2012	9,412	115	158	45	100
acres, 2017	2,234,786	15,172	10,393	917	41,491
2012	1,758,021	8,038	6,841	1,734	44,911
Weeds, grass, or brush .....farms, 2017	17,215	261	304	90	138
2012	19,983	286	346	100	174
acres, 2017	3,748,243	32,566	29,430	4,274	68,440
2012	3,451,620	22,030	22,050	4,312	75,333
Nematodes .....farms, 2017	843	10	8	2	11
2012	1,045	8	21	7	1
acres, 2017	322,990	9,325	170	(D)	7,185
2012	188,864	598	614	615	(D)
Diseases in crops and orchards .....farms, 2017	2,937	24	68	16	33
2012	2,573	29	57	19	18
acres, 2017	1,020,849	10,311	930	38	19,649
2012	397,006	477	1,437	63	7,505
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	854	12	4	4	1
2012	1,712	30	30	15	6
acres on which used, 2017	57,507	108	1,152	(D)	(D)
2012	44,358	605	1,554	297	135
Item	Barren	Bath	Bell	Boone	Bourbon
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	1,035	233	34	171	308
2012	913	243	23	172	324
acres treated, 2017	103,315	17,454	611	12,821	33,706
2012	91,857	17,410	521	9,910	32,329
Cropland fertilized, except cropland pasture .....farms, 2017	708	188	21	147	206
2012	683	213	15	136	239
acres treated, 2017	73,074	11,831	344	11,846	18,777
2012	66,530	12,303	(D)	8,321	20,505
Pastureland and rangeland fertilized .....farms, 2017	634	108	16	39	149
2012	540	83	11	54	131
acres treated, 2017	30,241	5,623	267	975	14,929
2012	25,327	5,107	(D)	1,589	11,824
Manure .....farms, 2017	257	116	19	101	145
2012	286	70	7	96	120
acres treated, 2017	12,326	2,398	281	1,964	6,257
2012	14,742	1,662	25	2,467	5,958
Organic fertilizer (see text) .....farms, 2017	30	17	-	10	19
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,201	2,767	-	275	856
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	237	42	5	50	86
2012	241	71	7	70	130
acres, 2017	46,816	1,833	13	5,603	11,353
2012	40,320	2,747	47	3,625	10,514
Weeds, grass, or brush .....farms, 2017	571	135	13	112	248
2012	613	174	18	134	263
acres, 2017	78,542	8,376	87	5,525	29,459
2012	68,157	8,534	272	6,661	26,268
Nematodes .....farms, 2017	37	6	-	2	16
2012	20	4	2	8	11
acres, 2017	4,350	466	-	(D)	502
2012	6,394	46	(D)	365	172
Diseases in crops and orchards .....farms, 2017	59	15	2	15	27
2012	42	17	6	20	27
acres, 2017	6,542	517	(D)	306	1,972
2012	4,247	240	58	1,785	1,746
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	24	3	-	4	21
2012	41	9	1	12	36
acres on which used, 2017	1,879	46	-	18	684
2012	1,271	237	(D)	228	1,095

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

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

Item	Boyd	Boyle	Bracken	Breathitt	Breckinridge	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	53	182	193	37	737
	2012	52	171	143	51	592
acres treated, 2017	1,601	15,223	8,839	954	104,506	
	2012	1,624	14,108	7,999	897	86,198
Cropland fertilized, except cropland pasture .....	farms, 2017	28	114	167	33	546
	2012	34	125	129	46	434
acres treated, 2017	696	9,694	5,897	624	73,954	
	2012	628	9,506	5,710	564	61,682
Pastureland and rangeland fertilized .....	farms, 2017	34	103	47	17	427
	2012	29	88	41	16	337
acres treated, 2017	905	5,529	2,942	330	30,552	
	2012	996	4,602	2,289	333	24,516
Manure .....	farms, 2017	46	53	140	23	185
	2012	35	78	107	22	161
acres treated, 2017	529	2,456	4,257	184	7,091	
	2012	526	3,699	4,382	(D)	14,867
Organic fertilizer (see text) .....	farms, 2017	10	5	6	5	19
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	436	(D)	196	38	575	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	6	25	48	6	161
	2012	7	52	63	25	180
Insects .....	acres, 2017	6	3,511	1,672	34	38,845
	2012	36	4,746	3,051	272	24,457
Weeds, grass, or brush .....	farms, 2017	22	102	87	28	400
	2012	43	138	113	40	369
acres, 2017	407	9,806	2,743	474	74,324	
	2012	760	10,340	4,734	446	61,855
Nematodes .....	farms, 2017	-	1	5	3	11
	2012	-	10	5	1	29
acres, 2017	-	(D)	152	13	6,055	
	2012	-	647	(D)	(D)	2,526
Diseases in crops and orchards .....	farms, 2017	-	13	15	4	57
	2012	-	19	7	9	39
acres, 2017	-	(D)	393	12	17,043	
	2012	-	597	(D)	20	4,218
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	-	1	6	2	13
	2012	-	12	26	6	36
acres on which used, 2017	-	(D)	206	(D)	428	
	2012	-	247	264	82	998

  

Item	Bullitt	Butler	Caldwell	Calloway	Campbell	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	155	294	202	339	143
	2012	149	271	219	344	183
acres treated, 2017	11,788	50,209	62,682	79,106	3,462	
	2012	11,161	39,198	63,965	97,150	5,141
Cropland fertilized, except cropland pasture .....	farms, 2017	110	199	129	249	118
	2012	109	201	158	282	149
acres treated, 2017	8,280	43,040	57,684	73,019	2,712	
	2012	9,452	32,519	59,317	92,925	4,034
Pastureland and rangeland fertilized .....	farms, 2017	84	159	104	127	45
	2012	62	126	100	105	57
acres treated, 2017	3,508	7,169	4,998	6,087	750	
	2012	1,709	6,679	4,648	4,225	1,107
Manure .....	farms, 2017	62	50	26	65	149
	2012	47	42	17	53	133
acres treated, 2017	1,188	2,404	808	3,208	2,922	
	2012	962	2,746	1,145	2,118	2,104
Organic fertilizer (see text) .....	farms, 2017	19	10	2	7	16
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	433	324	(D)	(D)	123	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	18	51	69	152	35
	2012	24	71	77	182	51
Insects .....	acres, 2017	703	17,618	45,075	47,600	273
	2012	2,102	16,617	22,077	65,581	528
Weeds, grass, or brush .....	farms, 2017	80	169	121	249	96
	2012	104	184	163	310	111
acres, 2017	8,657	50,518	67,743	85,489	1,579	
	2012	9,373	32,719	62,511	109,282	1,949
Nematodes .....	farms, 2017	-	4	4	18	9
	2012	1	7	2	12	9
acres, 2017	-	(D)	(D)	7,990	63	
	2012	(D)	(D)	(D)	2,267	47
Diseases in crops and orchards .....	farms, 2017	9	23	23	69	12
	2012	11	18	16	58	25
acres, 2017	67	17,060	14,460	16,811	45	
	2012	215	3,317	7,954	18,442	154
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	3	3	5	15	9
	2012	4	1	10	27	4
acres on which used, 2017	8	1,359	(D)	350	39	
	2012	85	(D)	234	747	37

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

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

Item	Carlisle	Carroll	Carter	Casey	Christian
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	101	67	298	548	574
2012	118	73	256	481	594
acres treated, 2017	45,931	3,992	12,340	43,921	172,763
2012	53,131	6,026	11,762	36,104	174,033
Cropland fertilized, except cropland pasture .....farms, 2017	97	55	212	454	445
2012	109	63	184	407	478
acres treated, 2017	45,629	3,361	6,706	33,364	162,836
2012	51,909	5,139	6,517	26,849	164,265
Pastureland and rangeland fertilized .....farms, 2017	6	21	148	268	257
2012	20	21	130	230	240
acres treated, 2017	302	631	5,634	10,557	9,927
2012	1,222	887	5,245	9,255	9,768
Manure .....farms, 2017	13	30	139	175	209
2012	29	36	115	141	164
acres treated, 2017	1,671	719	2,545	5,005	7,765
2012	3,352	392	2,878	4,158	6,357
Organic fertilizer (see text) .....farms, 2017	1	1	27	29	31
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	(D)	760	976	1,488
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	51	10	45	65	305
2012	75	20	44	98	345
acres, 2017	56,609	(D)	147	15,294	162,867
2012	32,327	3,871	287	7,530	107,083
Weeds, grass, or brush .....farms, 2017	88	44	90	217	395
2012	129	48	102	261	516
acres, 2017	61,638	6,070	1,711	22,998	192,959
2012	63,381	2,751	2,554	20,391	195,380
Nematodes .....farms, 2017	17	3	3	4	34
2012	10	2	1	10	56
acres, 2017	21,558	(D)	6	3,319	26,317
2012	2,977	(D)	(D)	39	18,047
Diseases in crops and orchards .....farms, 2017	24	4	13	30	154
2012	26	2	12	32	135
acres, 2017	29,761	(D)	60	10,602	96,145
2012	9,398	(D)	60	424	37,718
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	4	1	1	6	32
2012	9	6	5	18	65
acres on which used, 2017	839	(D)	(D)	165	2,090
2012	165	112	29	165	2,575

  

Item	Clark	Clay	Clinton	Crittenden	Cumberland	Daviess
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	246	80	288	199	147	444
2012	210	87	264	216	96	417
acres treated, 2017	22,347	4,461	21,171	39,090	14,137	144,392
2012	16,198	3,822	19,445	42,446	6,040	134,375
Cropland fertilized, except cropland pasture .....farms, 2017	165	65	193	153	105	337
2012	157	78	175	181	67	341
acres treated, 2017	17,209	2,429	9,980	33,840	9,284	138,563
2012	10,829	3,003	9,021	38,027	4,319	128,785
Pastureland and rangeland fertilized .....farms, 2017	116	32	213	83	84	164
2012	86	28	184	69	42	128
acres treated, 2017	5,138	2,032	11,191	5,250	4,853	5,829
2012	5,369	819	10,424	4,419	1,721	5,590
Manure .....farms, 2017	78	23	53	61	46	104
2012	51	33	77	46	27	87
acres treated, 2017	1,884	239	2,897	2,678	1,513	15,449
2012	1,219	536	3,413	1,234	577	10,214
Organic fertilizer (see text) .....farms, 2017	7	5	5	8	4	24
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	287	13	85	340	90	1,884
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	55	19	22	60	19	237
2012	92	34	29	70	21	205
acres, 2017	11,541	664	1,750	23,346	3,982	130,187
2012	5,742	1,055	1,006	21,563	1,716	87,472
Weeds, grass, or brush .....farms, 2017	140	39	148	129	93	343
2012	206	69	149	162	52	355
acres, 2017	17,111	1,450	10,532	48,685	9,572	161,213
2012	12,670	2,099	10,620	42,067	3,581	167,076
Nematodes .....farms, 2017	7	-	-	6	1	20
2012	8	8	1	3	1	33
acres, 2017	222	-	-	1,156	(D)	18,241
2012	285	57	(D)	(D)	(D)	5,619
Diseases in crops and orchards .....farms, 2017	16	13	11	25	10	103
2012	17	17	8	14	7	53
acres, 2017	466	308	(D)	15,458	1,615	73,964
2012	93	198	183	1,561	35	9,070
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	11	6	1	4	2	31
2012	22	6	10	-	3	30
acres on which used, 2017	328	25	(D)	95	(D)	(D)
2012	549	165	64	-	(D)	826

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

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

Item	Edmonson	Elliott	Estill	Fayette	Fleming	Floyd
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	262	174	99	217	433	47
..... 2012	260	146	110	209	439	17
..... acres treated, 2017	24,414	7,017	5,872	33,249	43,997	950
..... 2012	17,565	6,581	4,189	28,402	37,688	232
Cropland fertilized, except cropland pasture ..... farms, 2017	173	123	67	114	365	32
..... 2012	178	105	80	119	368	13
..... acres treated, 2017	17,835	3,461	2,870	10,575	37,757	619
..... 2012	11,592	3,062	1,990	12,655	26,669	172
Pastureland and rangeland fertilized ..... farms, 2017	164	86	48	121	171	21
..... 2012	155	78	51	117	165	5
..... acres treated, 2017	6,579	3,556	3,002	22,674	6,240	331
..... 2012	5,973	3,519	2,199	15,747	11,019	60
Manure ..... farms, 2017	50	77	27	107	256	29
..... 2012	47	88	24	96	212	9
..... acres treated, 2017	2,361	1,933	430	5,542	10,907	79
..... 2012	1,379	1,944	567	5,304	6,478	55
Organic fertilizer (see text) ..... farms, 2017	12	3	2	19	17	15
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	254	210	(D)	652	846	276
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	26	16	15	56	86	14
..... 2012	43	22	18	98	128	9
..... acres, 2017	3,916	73	473	4,835	8,213	266
..... 2012	3,740	(D)	162	5,442	6,798	20
Weeds, grass, or brush ..... farms, 2017	113	53	40	162	229	20
..... 2012	128	60	73	199	284	13
..... acres, 2017	16,163	842	2,101	23,672	28,147	538
..... 2012	9,588	839	3,428	22,232	20,877	143
Nematodes ..... farms, 2017	2	-	2	6	6	-
..... 2012	3	-	1	7	9	1
..... acres, 2017	(D)	-	(D)	933	124	-
..... 2012	(D)	(D)	(D)	693	1,092	(D)
Diseases in crops and orchards ..... farms, 2017	12	2	2	19	21	7
..... 2012	9	10	3	23	27	-
..... acres, 2017	1,125	(D)	(D)	1,596	5,387	7
..... 2012	817	17	3	1,038	1,701	-
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	2	-	1	8	16	-
..... 2012	5	4	1	12	37	-
..... acres on which used, 2017	(D)	-	(D)	288	782	-
..... 2012	172	9	(D)	154	580	-

  

Item	Franklin	Fulton	Gallatin	Garrard	Grant	Graves
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	162	62	58	265	168	429
..... 2012	176	81	60	250	180	498
..... acres treated, 2017	9,764	56,821	4,303	23,283	7,829	124,955
..... 2012	8,732	40,684	4,583	16,344	6,763	133,878
Cropland fertilized, except cropland pasture ..... farms, 2017	125	61	49	234	149	347
..... 2012	136	74	46	202	144	425
..... acres treated, 2017	6,336	(D)	3,457	15,903	6,063	120,926
..... 2012	6,361	40,564	3,554	10,711	4,184	129,196
Pastureland and rangeland fertilized ..... farms, 2017	66	1	17	109	54	109
..... 2012	75	7	20	87	62	123
..... acres treated, 2017	3,428	(D)	846	7,380	1,766	4,029
..... 2012	2,371	120	1,029	5,633	2,579	4,682
Manure ..... farms, 2017	55	12	29	62	110	96
..... 2012	67	14	19	71	116	110
..... acres treated, 2017	867	4,430	474	1,956	2,691	8,464
..... 2012	1,357	1,914	603	3,781	2,533	11,517
Organic fertilizer (see text) ..... farms, 2017	8	1	2	3	9	19
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	191	(D)	(D)	(D)	228	1,130
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	35	29	14	88	23	235
..... 2012	68	50	30	75	58	289
..... acres, 2017	504	34,394	912	4,425	1,282	106,545
..... 2012	1,391	27,633	2,184	2,249	1,017	84,238
Weeds, grass, or brush ..... farms, 2017	93	67	35	156	90	365
..... 2012	144	86	43	164	127	472
..... acres, 2017	4,533	80,651	5,858	9,580	2,722	140,957
..... 2012	6,638	68,794	3,724	6,940	2,080	162,056
Nematodes ..... farms, 2017	4	3	2	18	-	47
..... 2012	7	5	1	5	6	28
..... acres, 2017	59	14,200	(D)	741	-	16,499
..... 2012	177	2,780	(D)	53	166	5,020
Diseases in crops and orchards ..... farms, 2017	21	12	5	29	7	89
..... 2012	13	17	13	16	5	82
..... acres, 2017	486	11,380	208	633	170	31,927
..... 2012	138	10,120	687	241	59	17,624
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	8	2	2	17	6	19
..... 2012	9	1	8	15	9	47
..... acres on which used, 2017	309	(D)	(D)	657	26	3,098
..... 2012	321	(D)	174	344	158	1,981

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

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

Item	Grayson	Green	Greenup	Hancock	Hardin	Harlan
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	666	563	204	150	640	7
2012	629	499	165	162	643	8
acres treated, 2017	65,603	53,418	9,250	19,001	79,028	51
2012	54,769	44,141	5,535	18,829	86,883	220
Cropland fertilized, except cropland pasture .....farms, 2017	438	404	132	105	452	7
2012	423	391	120	116	437	5
acres treated, 2017	43,017	36,614	4,727	15,057	62,676	37
2012	35,487	31,529	2,987	15,502	66,286	40
Pastureland and rangeland fertilized .....farms, 2017	393	325	129	80	355	5
2012	391	255	78	75	391	6
acres treated, 2017	22,586	16,804	4,523	3,944	16,352	14
2012	19,282	12,612	2,548	3,327	20,597	180
Manure .....farms, 2017	208	140	109	36	144	4
2012	156	129	77	25	175	4
acres treated, 2017	8,273	3,945	2,016	830	3,555	45
2012	6,609	3,676	1,449	674	4,431	10
Organic fertilizer (see text) .....farms, 2017	45	25	7	6	28	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,751	764	435	342	952	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	95	99	25	46	136	4
2012	104	141	35	45	151	6
acres, 2017	17,334	24,965	1,043	9,058	34,158	(D)
2012	13,966	11,081	357	8,774	22,037	38
Weeds, grass, or brush .....farms, 2017	269	240	84	83	315	5
2012	295	305	92	98	388	4
acres, 2017	48,243	38,097	2,453	11,586	76,043	47
2012	30,991	26,055	1,387	14,910	70,567	49
Nematodes .....farms, 2017	4	3	-	2	13	-
2012	10	9	2	4	20	-
acres, 2017	473	194	-	(D)	3,763	-
2012	973	781	(D)	(D)	2,024	-
Diseases in crops and orchards .....farms, 2017	34	37	3	13	55	2
2012	16	26	7	6	32	5
acres, 2017	10,981	12,971	(D)	4,868	15,320	(D)
2012	2,149	1,009	44	544	2,987	34
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	15	8	3	3	19	2
2012	16	39	4	5	24	-
acres on which used, 2017	108	146	518	80	3,894	(D)
2012	365	979	160	110	220	-
Item	Harrison	Hart	Henderson	Henry	Hickman	Hopkins
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	339	612	238	277	109	217
2012	362	582	242	289	147	226
acres treated, 2017	30,242	46,816	101,076	27,769	66,842	46,506
2012	27,632	36,439	104,654	27,104	83,210	51,848
Cropland fertilized, except cropland pasture .....farms, 2017	280	393	216	236	97	152
2012	288	455	213	240	133	178
acres treated, 2017	23,143	27,985	99,642	22,164	66,319	42,393
2012	20,306	24,553	102,102	20,952	82,392	48,358
Pastureland and rangeland fertilized .....farms, 2017	131	403	52	101	18	93
2012	128	282	58	93	22	86
acres treated, 2017	7,099	18,831	1,434	5,605	523	4,113
2012	7,326	11,886	2,552	6,152	818	3,490
Manure .....farms, 2017	140	213	51	115	30	56
2012	130	150	21	98	46	42
acres treated, 2017	2,648	4,429	9,350	3,464	9,041	15,657
2012	3,665	3,335	1,776	2,595	16,462	8,151
Organic fertilizer (see text) .....farms, 2017	12	20	4	19	4	4
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	525	1,214	(D)	809	(D)	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	111	124	127	90	64	74
2012	153	202	98	120	81	81
acres, 2017	8,907	10,703	68,664	12,057	79,325	47,011
2012	10,756	11,884	60,978	5,610	74,658	41,690
Weeds, grass, or brush .....farms, 2017	229	293	225	186	101	153
2012	262	316	221	195	137	178
acres, 2017	18,613	24,383	146,966	19,930	92,761	72,965
2012	16,936	19,593	133,644	18,812	103,237	64,261
Nematodes .....farms, 2017	6	10	25	16	20	15
2012	7	17	10	10	14	18
acres, 2017	187	2,211	8,003	1,021	18,085	6,022
2012	587	1,329	13,207	193	1,589	16,316
Diseases in crops and orchards .....farms, 2017	52	48	58	24	32	31
2012	32	46	23	21	25	12
acres, 2017	4,030	2,124	29,262	5,837	30,395	23,133
2012	4,196	2,021	10,934	340	10,360	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	17	8	6	22	3	7
2012	56	31	5	30	4	3
acres on which used, 2017	533	61	878	518	220	852
2012	1,510	421	97	969	624	40

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

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

Item	Jackson	Jefferson	Jessamine	Johnson	Kenton	Knott
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	218	95	190	43	124	16
..... 2012	226	93	162	49	87	6
..... acres treated, 2017	13,299	2,777	10,129	949	2,845	193
..... 2012	12,307	4,068	9,299	2,366	2,708	(D)
Cropland fertilized, except cropland pasture ..... farms, 2017	160	64	118	31	99	5
..... 2012	173	66	105	25	72	1
..... acres treated, 2017	8,145	2,305	3,705	624	1,926	(D)
..... 2012	6,911	3,358	4,919	573	1,775	(D)
Pastureland and rangeland fertilized ..... farms, 2017	125	42	94	22	33	13
..... 2012	115	32	73	36	25	5
..... acres treated, 2017	5,154	472	6,424	325	919	(D)
..... 2012	5,396	710	4,380	1,793	933	61
Manure ..... farms, 2017	81	69	73	25	76	16
..... 2012	88	31	72	23	69	7
..... acres treated, 2017	2,423	613	2,341	224	1,253	84
..... 2012	3,238	957	1,710	263	1,347	137
Organic fertilizer (see text) ..... farms, 2017	21	21	6	-	15	1
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	497	294	10	-	229	(D)
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	15	21	56	9	26	2
..... 2012	44	49	60	8	28	2
..... acres, 2017	138	444	2,939	12	207	(D)
..... 2012	558	2,283	1,381	20	524	(D)
Weeds, grass, or brush ..... farms, 2017	69	56	141	24	81	2
..... 2012	93	76	171	32	73	5
..... acres, 2017	1,014	2,221	8,210	157	1,200	(D)
..... 2012	2,438	3,942	7,662	427	1,017	(D)
Nematodes ..... farms, 2017	2	2	3	-	3	-
..... 2012	9	8	1	-	1	-
..... acres, 2017	(D)	(D)	25	-	3	-
..... 2012	84	(D)	(D)	-	(D)	-
Diseases in crops and orchards ..... farms, 2017	13	14	22	5	19	2
..... 2012	8	16	10	7	7	1
..... acres, 2017	42	102	164	8	190	(D)
..... 2012	26	72	25	(D)	33	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	9	-	4	-	5	2
..... 2012	7	1	12	1	12	-
..... acres on which used, 2017	58	-	112	-	21	(D)
..... 2012	60	(D)	120	(D)	40	-
Item	Knox	Larue	Laurel	Lawrence	Lee	Leslie
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	90	368	446	70	43	14
..... 2012	57	347	397	77	52	2
..... acres treated, 2017	3,624	52,859	28,314	2,647	2,260	121
..... 2012	3,049	49,997	20,038	1,567	1,365	(D)
Cropland fertilized, except cropland pasture ..... farms, 2017	55	262	317	53	32	14
..... 2012	46	255	304	56	26	2
..... acres treated, 2017	2,035	44,287	13,687	2,056	1,364	91
..... 2012	2,216	41,602	9,876	945	280	(D)
Pastureland and rangeland fertilized ..... farms, 2017	53	181	255	27	23	3
..... 2012	28	191	211	27	32	-
..... acres treated, 2017	1,589	8,572	14,627	591	896	30
..... 2012	833	8,395	10,162	622	1,085	-
Manure ..... farms, 2017	41	106	154	37	21	3
..... 2012	27	76	142	27	20	-
..... acres treated, 2017	1,150	2,612	3,905	290	590	(D)
..... 2012	417	1,783	2,865	436	263	-
Organic fertilizer (see text) ..... farms, 2017	8	11	17	8	3	3
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	279	698	882	28	(D)	18
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	7	94	45	8	5	9
..... 2012	6	102	77	24	8	-
..... acres, 2017	41	29,445	983	(D)	43	90
..... 2012	56	21,377	1,277	92	47	-
Weeds, grass, or brush ..... farms, 2017	32	184	125	21	14	7
..... 2012	30	195	149	49	27	-
..... acres, 2017	1,326	47,291	3,714	202	346	16
..... 2012	1,248	42,678	3,791	353	523	-
Nematodes ..... farms, 2017	-	3	1	-	-	-
..... 2012	1	14	3	8	3	-
..... acres, 2017	-	(D)	(D)	-	-	-
..... 2012	(D)	879	(D)	29	4	-
Diseases in crops and orchards ..... farms, 2017	-	30	12	2	1	-
..... 2012	1	27	33	13	6	-
..... acres, 2017	-	16,994	149	(D)	(D)	-
..... 2012	(D)	4,388	353	37	18	-
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	4	2	-	-	-
..... 2012	-	26	14	2	3	-
..... acres on which used, 2017	(D)	(D)	(D)	-	-	-
..... 2012	-	720	168	(D)	87	-

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

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

Item	Letcher	Lewis	Lincoln	Livingston	Logan	Lyon
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	14	257	516	132	505	79
2012	13	228	506	113	512	85
acres treated, 2017	101	21,954	47,012	32,437	143,643	7,940
2012	52	15,260	37,140	38,827	137,080	10,013
Cropland fertilized, except cropland pasture .....farms, 2017	7	203	398	91	352	49
2012	5	186	416	76	360	61
acres treated, 2017	50	18,164	35,103	24,451	129,160	5,762
2012	10	10,891	27,886	32,827	123,976	7,836
Pastureland and rangeland fertilized .....farms, 2017	7	110	260	65	268	45
2012	8	102	219	61	263	38
acres treated, 2017	51	3,790	11,909	7,986	14,483	2,178
2012	42	4,369	9,254	6,000	13,104	2,177
Manure .....farms, 2017	8	113	219	19	107	11
2012	5	108	172	9	88	13
acres treated, 2017	16	3,195	7,923	308	6,222	92
2012	33	2,646	5,125	525	5,938	260
Organic fertilizer (see text) .....farms, 2017	9	17	34	4	18	5
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	29	738	831	163	429	182
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	6	29	98	43	184	29
2012	5	51	135	24	211	25
acres, 2017	11	1,660	7,447	27,412	129,557	3,053
2012	10	3,178	5,940	7,848	98,985	11,169
Weeds, grass, or brush .....farms, 2017	8	131	215	71	352	49
2012	11	138	282	82	417	72
acres, 2017	68	19,168	27,596	31,266	150,545	7,369
2012	44	9,306	22,515	33,935	148,240	14,259
Nematodes .....farms, 2017	-	-	2	4	15	6
2012	-	6	7	8	32	8
acres, 2017	-	-	(D)	1,867	26,395	1,184
2012	-	135	287	2,475	5,746	575
Diseases in crops and orchards .....farms, 2017	-	16	23	13	83	17
2012	2	14	38	10	106	15
acres, 2017	-	1,392	1,978	7,794	45,418	1,892
2012	(D)	94	703	2,841	24,913	1,730
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	-	-	10	1	19	2
2012	2	16	20	1	48	2
acres on which used, 2017	-	-	245	(D)	1,888	(D)
2012	(D)	522	457	(D)	829	(D)
Item	McCracken	McCreary	McLean	Madison	Magoffin	Marion
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	122	85	230	396	108	468
2012	165	53	216	365	84	518
acres treated, 2017	30,484	4,464	78,227	25,212	2,913	57,020
2012	30,257	2,022	62,567	18,095	1,945	48,772
Cropland fertilized, except cropland pasture .....farms, 2017	99	44	214	271	87	367
2012	130	27	198	242	65	414
acres treated, 2017	29,594	2,182	76,397	12,662	1,648	43,955
2012	29,312	796	61,012	9,454	793	37,181
Pastureland and rangeland fertilized .....farms, 2017	32	58	47	191	43	246
2012	47	43	36	173	39	266
acres treated, 2017	890	2,282	1,830	12,550	1,265	13,065
2012	945	1,226	1,555	8,641	1,152	11,591
Manure .....farms, 2017	27	27	66	121	51	167
2012	28	23	51	88	44	171
acres treated, 2017	677	546	8,804	2,957	563	4,977
2012	480	353	8,270	2,820	403	5,124
Organic fertilizer (see text) .....farms, 2017	6	9	12	19	10	23
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	336	167	466	510	131	1,254
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	58	11	135	64	26	102
2012	67	7	120	94	18	176
acres, 2017	30,066	154	55,756	2,176	111	25,325
2012	19,332	55	47,311	3,209	134	13,751
Weeds, grass, or brush .....farms, 2017	93	26	207	181	33	285
2012	145	15	225	222	47	342
acres, 2017	38,349	539	92,249	8,160	440	40,977
2012	34,763	467	86,986	10,523	632	30,379
Nematodes .....farms, 2017	15	-	21	13	-	11
2012	12	-	15	14	1	27
acres, 2017	4,127	-	6,136	640	-	3,910
2012	(D)	-	4,806	189	(D)	2,417
Diseases in crops and orchards .....farms, 2017	26	-	59	21	8	27
2012	23	-	25	30	3	50
acres, 2017	6,839	-	34,896	102	8	3,353
2012	3,596	-	8,022	157	3	5,508
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	5	-	15	15	-	8
2012	10	-	13	36	2	26
acres on which used, 2017	446	-	537	144	-	217
2012	236	-	138	561	(D)	827

--continued

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

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

Item	Marshall	Martin	Mason	Meade	Menifee	Mercer
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	243	9	294	409	98	317
..... 2012	231	6	260	356	74	322
..... acres treated, 2017	36,727	261	27,915	64,772	3,938	28,171
..... 2012	28,266	174	23,939	44,374	5,165	22,493
Cropland fertilized, except cropland pasture ..... farms, 2017	148	1	263	279	71	219
..... 2012	136	4	240	250	54	254
..... acres treated, 2017	31,957	(D)	22,863	47,591	1,978	19,463
..... 2012	24,010	4	21,444	35,522	3,133	16,048
Pastureland and rangeland fertilized ..... farms, 2017	132	8	93	244	38	154
..... 2012	120	4	63	207	48	124
..... acres treated, 2017	4,770	(D)	5,052	17,181	1,960	8,708
..... 2012	4,256	170	2,495	8,852	2,032	6,445
Manure ..... farms, 2017	43	8	117	147	37	120
..... 2012	42	3	91	116	38	144
..... acres treated, 2017	3,967	258	2,762	4,254	300	3,302
..... 2012	4,728	84	3,000	2,516	651	5,756
Organic fertilizer (see text) ..... farms, 2017	13	1	11	14	6	17
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	332	(D)	362	625	29	253
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	39	-	88	77	13	50
..... 2012	58	2	117	75	14	99
..... acres, 2017	11,361	-	19,093	13,939	20	6,802
..... 2012	18,395	(D)	11,798	16,398	(D)	5,607
Weeds, grass, or brush ..... farms, 2017	130	-	205	235	34	161
..... 2012	168	1	203	207	43	223
..... acres, 2017	37,661	-	24,761	59,421	410	17,611
..... 2012	32,574	(D)	22,907	47,114	2,528	11,467
Nematodes ..... farms, 2017	6	-	6	11	1	1
..... 2012	1	-	17	23	1	7
..... acres, 2017	319	-	431	2,063	(D)	(D)
..... 2012	(D)	-	464	2,467	(D)	142
Diseases in crops and orchards ..... farms, 2017	19	-	28	37	6	15
..... 2012	12	2	21	30	4	15
..... acres, 2017	6,926	-	6,671	15,038	6	2,392
..... 2012	(D)	(D)	446	5,702	6	324
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	3	-	14	8	-	1
..... 2012	4	-	34	12	1	22
..... acres on which used, 2017	5	-	774	845	-	(D)
..... 2012	(D)	-	686	342	(D)	522

  

Item	Metcalfe	Monroe	Montgomery	Morgan	Muhlenberg	Nelson
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	512	476	166	280	244	584
..... 2012	453	442	176	285	244	527
..... acres treated, 2017	44,458	53,971	9,063	12,094	43,743	78,652
..... 2012	29,798	44,912	10,571	12,309	41,124	62,401
Cropland fertilized, except cropland pasture ..... farms, 2017	383	320	115	236	177	407
..... 2012	351	332	149	214	180	396
..... acres treated, 2017	27,739	31,464	5,871	7,984	37,540	66,283
..... 2012	17,108	27,645	7,505	5,442	35,388	51,696
Pastureland and rangeland fertilized ..... farms, 2017	324	320	78	109	123	307
..... 2012	253	264	55	131	122	266
..... acres treated, 2017	16,719	22,507	3,192	4,110	6,203	12,369
..... 2012	12,690	17,267	3,066	6,867	5,736	10,705
Manure ..... farms, 2017	147	110	60	108	54	200
..... 2012	137	158	48	135	64	148
..... acres treated, 2017	6,401	8,438	1,847	2,438	1,806	6,356
..... 2012	4,534	7,306	1,632	2,703	2,565	3,801
Organic fertilizer (see text) ..... farms, 2017	19	16	15	14	12	24
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	633	826	498	237	802	771
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	126	81	31	22	73	110
..... 2012	154	117	59	40	66	173
..... acres, 2017	11,481	22,428	2,243	184	35,572	43,057
..... 2012	5,244	10,746	1,552	515	10,287	25,920
Weeds, grass, or brush ..... farms, 2017	225	269	91	93	150	281
..... 2012	262	313	121	131	168	326
..... acres, 2017	21,837	37,837	5,357	1,888	54,760	60,185
..... 2012	13,699	31,079	5,414	2,768	41,780	48,779
Nematodes ..... farms, 2017	16	12	2	1	12	7
..... 2012	13	6	6	6	2	13
..... acres, 2017	2,687	1,156	(D)	(D)	2,416	4,214
..... 2012	337	226	91	43	(D)	3,693
Diseases in crops and orchards ..... farms, 2017	47	32	8	7	39	27
..... 2012	37	22	17	8	7	48
..... acres, 2017	5,088	5,722	(D)	37	11,941	23,916
..... 2012	824	2,100	477	48	2,532	11,633
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	29	13	7	3	6	9
..... 2012	21	20	15	15	12	20
..... acres on which used, 2017	1,372	1,546	149	14	1,282	338
..... 2012	477	2,250	296	294	364	478

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

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

Item	Nicholas	Ohio	Oldham	Owen	Owsley	Pendleton
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	157	346	124	269	40	298
2012	186	355	139	189	64	241
acres treated, 2017	9,751	61,941	10,687	20,041	1,831	13,633
2012	11,484	52,311	11,807	14,538	1,473	10,728
Cropland fertilized, except cropland pasture .....farms, 2017	134	219	84	206	29	235
2012	167	245	101	154	53	213
acres treated, 2017	7,054	53,255	7,391	13,521	883	10,404
2012	9,089	46,775	9,659	8,975	988	8,357
Pastureland and rangeland fertilized .....farms, 2017	56	198	60	133	17	104
2012	39	159	67	73	21	62
acres treated, 2017	2,697	8,686	3,296	6,520	948	3,229
2012	2,395	5,536	2,148	5,563	485	2,371
Manure .....farms, 2017	61	92	64	97	19	125
2012	49	92	39	75	11	112
acres treated, 2017	1,636	4,101	1,273	3,078	266	2,694
2012	1,220	6,455	863	1,643	85	2,762
Organic fertilizer (see text) .....farms, 2017	5	4	12	25	-	21
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	350	72	426	813	-	701
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	60	76	24	83	11	53
2012	102	82	41	77	33	74
acres, 2017	2,510	33,469	2,668	10,196	85	2,436
2012	4,858	27,841	2,350	2,349	376	3,182
Weeds, grass, or brush .....farms, 2017	80	212	62	159	11	96
2012	146	240	102	132	38	116
acres, 2017	7,688	61,765	9,296	11,586	422	4,519
2012	7,061	52,908	9,220	6,304	509	4,526
Nematodes .....farms, 2017	4	8	3	7	-	7
2012	3	10	6	9	2	9
acres, 2017	219	1,281	44	79	-	828
2012	(D)	1,586	47	368	(D)	169
Diseases in crops and orchards .....farms, 2017	6	37	17	14	4	21
2012	14	18	19	19	10	22
acres, 2017	74	28,554	2,488	(D)	(D)	512
2012	633	8,286	1,084	514	47	462
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	5	9	-	11	-	15
2012	24	9	9	24	7	16
acres on which used, 2017	180	5,104	-	169	-	292
2012	720	194	42	927	114	348

  

Item	Perry	Pike	Powell	Pulaski	Robertson	Rockcastle
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	20	16	55	921	67	275
2012	18	12	72	833	59	245
acres treated, 2017	659	311	2,645	85,440	8,264	15,661
2012	232	1,704	2,172	69,843	4,288	17,268
Cropland fertilized, except cropland pasture .....farms, 2017	14	16	37	683	51	204
2012	16	8	51	636	49	198
acres treated, 2017	204	311	1,878	58,144	3,690	9,737
2012	(D)	(D)	1,785	46,289	2,750	11,463
Pastureland and rangeland fertilized .....farms, 2017	8	-	23	554	33	140
2012	2	7	26	517	23	114
acres treated, 2017	455	-	767	27,296	4,574	5,924
2012	(D)	(D)	387	23,554	1,538	5,805
Manure .....farms, 2017	2	12	13	206	48	72
2012	3	7	24	202	41	75
acres treated, 2017	(D)	138	466	8,851	1,891	1,377
2012	65	(D)	159	6,177	733	1,726
Organic fertilizer (see text) .....farms, 2017	9	2	1	24	3	13
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	36	(D)	(D)	582	28	144
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	8	5	5	83	5	16
2012	12	4	15	94	17	31
acres, 2017	13	38	20	17,802	(D)	214
2012	123	(D)	124	9,724	170	1,597
Weeds, grass, or brush .....farms, 2017	7	12	27	367	30	87
2012	15	12	32	404	38	96
acres, 2017	(D)	205	3,522	41,425	2,097	3,921
2012	284	(D)	2,156	33,372	1,623	5,907
Nematodes .....farms, 2017	-	-	1	3	1	1
2012	-	-	1	10	1	4
acres, 2017	-	-	(D)	(D)	(D)	(D)
2012	-	-	(D)	2,540	(D)	(D)
Diseases in crops and orchards .....farms, 2017	1	-	-	25	7	2
2012	5	-	2	27	5	13
acres, 2017	(D)	-	-	9,759	11	(D)
2012	5	-	(D)	2,110	47	181
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	-	-	-	6	-	3
2012	-	1	3	23	8	9
acres on which used, 2017	-	-	-	146	-	4
2012	-	(D)	21	469	63	204

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

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

Item	Rowan	Russell	Scott	Shelby	Simpson	Spencer
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	126	354	249	543	220	214
..... 2012	115	341	227	483	218	175
..... acres treated, 2017	6,163	39,264	19,556	73,900	64,694	22,119
..... 2012	6,928	30,684	14,880	58,770	55,797	16,576
Cropland fertilized, except cropland pasture ..... farms, 2017	75	254	177	402	151	171
..... 2012	82	215	165	391	151	145
..... acres treated, 2017	3,148	25,104	13,552	66,885	59,390	17,395
..... 2012	4,573	15,995	9,314	52,560	51,899	13,532
Pastureland and rangeland fertilized ..... farms, 2017	87	219	99	197	110	91
..... 2012	70	212	101	164	104	62
..... acres treated, 2017	3,015	14,160	6,004	7,015	5,304	4,724
..... 2012	2,355	14,689	5,566	6,210	3,898	3,044
Manure ..... farms, 2017	49	69	115	236	36	92
..... 2012	46	98	98	158	39	49
..... acres treated, 2017	1,007	3,702	3,423	6,844	697	898
..... 2012	1,116	3,926	2,696	4,583	1,723	645
Organic fertilizer (see text) ..... farms, 2017	6	18	13	24	6	15
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	89	323	658	526	177	133
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	21	23	84	149	78	72
..... 2012	20	36	86	208	105	66
..... acres, 2017	445	439	10,427	31,063	59,257	4,721
..... 2012	1,360	1,185	3,190	26,941	44,679	3,180
Weeds, grass, or brush ..... farms, 2017	74	163	169	374	179	135
..... 2012	47	163	173	379	193	123
..... acres, 2017	3,349	20,185	17,327	66,966	77,964	16,174
..... 2012	3,464	17,350	9,173	54,306	65,086	11,465
Nematodes ..... farms, 2017	2	-	11	31	14	1
..... 2012	4	4	8	23	10	11
..... acres, 2017	(D)	-	1,073	9,542	5,638	(D)
..... 2012	16	(D)	314	2,757	2,364	465
Diseases in crops and orchards ..... farms, 2017	9	11	26	75	25	16
..... 2012	10	12	27	49	31	20
..... acres, 2017	90	(D)	2,821	12,499	23,421	827
..... 2012	(D)	112	666	6,245	11,203	293
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	2	10	13	24	1	8
..... 2012	3	8	35	58	11	16
..... acres on which used, 2017	(D)	44	306	785	(D)	63
..... 2012	15	110	901	1,926	83	370

  

Item	Taylor	Todd	Trigg	Trimble	Union	Warren
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	427	393	226	163	166	718
..... 2012	433	374	202	163	191	611
..... acres treated, 2017	40,269	93,786	54,717	17,529	127,413	98,700
..... 2012	38,912	95,091	59,910	9,176	135,780	92,735
Cropland fertilized, except cropland pasture ..... farms, 2017	296	344	155	140	139	475
..... 2012	359	334	131	143	158	421
..... acres treated, 2017	32,116	84,965	46,011	15,481	123,812	79,172
..... 2012	30,704	88,149	50,364	7,567	129,176	75,946
Pastureland and rangeland fertilized ..... farms, 2017	241	153	130	47	46	422
..... 2012	228	155	115	46	70	349
..... acres treated, 2017	8,153	8,821	8,706	2,048	3,601	19,528
..... 2012	8,208	6,942	9,546	1,609	6,604	16,789
Manure ..... farms, 2017	153	138	72	44	31	199
..... 2012	163	165	41	43	16	175
..... acres treated, 2017	4,404	11,930	3,823	1,035	9,905	8,118
..... 2012	4,545	12,239	1,511	508	4,973	10,184
Organic fertilizer (see text) ..... farms, 2017	20	15	21	10	2	32
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	838	1,503	1,055	1,083	(D)	1,752
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	80	233	115	22	73	151
..... 2012	130	256	94	52	103	193
..... acres, 2017	13,036	76,763	54,126	562	115,370	58,669
..... 2012	11,321	79,321	36,197	3,625	108,796	50,003
Weeds, grass, or brush ..... farms, 2017	187	301	165	91	135	458
..... 2012	255	334	149	89	181	506
..... acres, 2017	34,231	100,395	64,680	13,878	159,814	101,731
..... 2012	25,930	103,373	57,470	6,630	155,687	94,968
Nematodes ..... farms, 2017	6	27	24	6	16	13
..... 2012	13	44	13	3	15	18
..... acres, 2017	944	6,376	3,138	6,152	12,562	3,363
..... 2012	113	7,286	6,743	(D)	21,368	6,512
Diseases in crops and orchards ..... farms, 2017	33	111	75	10	42	58
..... 2012	21	115	37	12	19	60
..... acres, 2017	3,837	28,660	42,760	4,264	67,171	20,465
..... 2012	1,057	37,198	17,532	180	17,201	12,543
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	2	17	10	6	8	15
..... 2012	23	19	22	11	1	25
..... acres on which used, 2017	(D)	3,454	1,106	269	861	252
..... 2012	406	693	572	237	(D)	1,421

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

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

Item	Washington	Wayne	Webster	Whitley	Wolfe	Woodford
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	380	379	177	211	101	201
2012	357	387	205	122	101	199
acres treated, 2017	35,999	30,419	81,027	10,761	2,661	22,937
2012	32,075	31,104	59,707	4,926	4,870	23,404
Cropland fertilized, except cropland pasture .....farms, 2017	287	271	147	157	70	133
2012	282	283	155	89	77	139
acres treated, 2017	21,989	17,256	77,118	7,254	1,533	9,457
2012	21,811	19,287	56,554	2,946	2,544	11,186
Pastureland and rangeland fertilized .....farms, 2017	193	258	67	112	61	89
2012	171	237	81	61	58	100
acres treated, 2017	14,010	13,163	3,909	3,507	1,128	13,480
2012	10,264	11,817	3,153	1,980	2,326	12,218
Manure .....farms, 2017	173	103	38	93	34	71
2012	117	149	36	61	30	77
acres treated, 2017	5,467	7,113	5,004	1,821	524	3,095
2012	3,161	6,884	6,865	1,125	618	4,214
Organic fertilizer (see text) .....farms, 2017	21	12	1	30	3	20
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	929	509	(D)	312	9	353
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects .....farms, 2017	71	58	93	19	10	67
2012	109	63	67	25	21	74
acres, 2017	3,052	7,730	63,966	335	78	3,580
2012	8,975	2,622	47,385	236	252	2,732
Weeds, grass, or brush .....farms, 2017	188	197	164	48	29	169
2012	214	235	170	57	63	201
acres, 2017	17,030	20,066	101,371	1,421	346	20,480
2012	14,895	24,890	88,527	1,296	914	16,447
Nematodes .....farms, 2017	2	5	17	2	1	8
2012	18	15	6	8	1	17
acres, 2017	(D)	90	16,273	(D)	(D)	191
2012	4,813	1,325	1,662	75	(D)	1,102
Diseases in crops and orchards .....farms, 2017	21	19	46	13	-	33
2012	21	30	15	6	5	38
acres, 2017	494	4,078	33,882	79	-	1,535
2012	770	1,612	7,354	73	21	1,272
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	12	8	14	13	3	21
2012	19	11	5	5	1	31
acres on which used, 2017	280	76	702	91	41	969
2012	377	168	88	37	(D)	635