

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	Indiana	Adams	Allen	Bartholomew	Benton	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	30,695	736	872	327	259
	2012	30,260	675	932	378	290
acres treated, 2017	9,959,380	136,857	183,673	113,742	185,407	
	2012	9,732,948	126,803	172,590	121,370	195,893
Cropland fertilized, except cropland pasture	farms, 2017	27,976	650	799	307	255
	2012	28,257	645	864	353	284
acres treated, 2017	9,836,566	135,942	182,424	112,681	185,204	
	2012	9,617,125	126,375	171,261	119,991	195,620
Pastureland and rangeland fertilized	farms, 2017	5,722	129	174	51	12
	2012	5,081	65	141	60	12
acres treated, 2017	122,814	915	1,249	1,061	203	
	2012	115,823	428	1,329	1,379	273
Manure	farms, 2017	12,204	551	429	84	33
	2012	10,403	360	390	108	34
acres treated, 2017	791,293	25,749	16,325	3,731	10,269	
	2012	640,150	15,014	17,191	3,327	12,593
Organic fertilizer (see text)	farms, 2017	1,490	41	42	6	8
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	109,755	5,941	1,270	362	2,966	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	10,443	226	265	97	160
	2012	12,114	229	317	134	196
Insects	acres, 2017	4,204,138	49,180	74,918	45,272	116,846
	2012	4,024,293	34,331	63,511	37,807	115,612
Weeds, grass, or brush	farms, 2017	25,225	600	719	283	250
	2012	27,317	659	828	357	286
acres, 2017	11,410,837	164,577	215,892	127,022	234,770	
	2012	11,309,277	155,595	207,103	142,059	233,735
Nematodes	farms, 2017	2,377	63	52	15	43
	2012	2,210	61	46	27	38
acres, 2017	836,056	10,021	6,033	3,662	27,922	
	2012	667,152	9,530	5,219	5,150	31,952
Diseases in crops and orchards	farms, 2017	4,359	93	90	69	47
	2012	2,650	60	95	32	37
acres, 2017	1,477,355	23,383	21,879	24,600	43,507	
	2012	720,191	4,019	23,261	3,505	31,914
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	413	24	5	5	3
	2012	495	10	14	4	4
acres on which used, 2017	41,369	493	18	498	(D)	
	2012	25,882	206	436	1,042	141
Item	Blackford	Boone	Brown	Carroll	Cass	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	149	320	57	360	391
	2012	127	334	48	328	392
acres treated, 2017	66,800	178,287	2,451	168,297	153,791	
	2012	59,433	155,361	3,021	156,242	143,754
Cropland fertilized, except cropland pasture	farms, 2017	144	299	35	340	387
	2012	127	322	40	315	389
acres treated, 2017	66,697	178,019	(D)	167,781	153,128	
	2012	(D)	154,962	(D)	155,641	143,044
Pastureland and rangeland fertilized	farms, 2017	6	30	28	29	42
	2012	3	21	16	29	26
acres treated, 2017	103	268	(D)	516	663	
	2012	(D)	399	(D)	601	710
Manure	farms, 2017	36	98	21	144	112
	2012	28	84	21	99	108
acres treated, 2017	3,772	2,774	286	15,479	9,604	
	2012	1,632	7,593	253	11,030	6,018
Organic fertilizer (see text)	farms, 2017	2	16	10	11	3
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	166	48	1,480	300	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	39	112	9	185	130
	2012	50	156	15	199	170
Insects	acres, 2017	20,147	72,482	1,165	85,711	39,230
	2012	19,900	61,625	699	68,396	41,597
Weeds, grass, or brush	farms, 2017	140	323	28	326	363
	2012	138	331	34	322	379
acres, 2017	82,856	205,976	1,934	196,792	172,407	
	2012	75,794	196,555	3,565	179,881	167,472
Nematodes	farms, 2017	15	39	-	43	56
	2012	17	27	1	23	35
acres, 2017	4,350	17,143	-	12,555	10,163	
	2012	3,609	8,335	(D)	4,450	7,186
Diseases in crops and orchards	farms, 2017	11	30	2	75	53
	2012	4	23	4	36	37
acres, 2017	7,228	13,299	(D)	33,786	8,870	
	2012	(D)	8,350	5	12,967	5,387
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	-	1	-	4	3
	2012	-	3	1	-	9
acres on which used, 2017	-	(D)	-	(D)	(D)	
	2012	-	17	(D)	-	407

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

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

Item	Clark	Clay	Clinton	Crawford	Daviess
Commercial fertilizer, lime, and soil conditionersfarms, 2017	240	318	379	152	756
2012	208	265	367	108	705
acres treated, 2017	53,006	104,429	180,674	10,104	155,578
2012	38,874	101,584	172,681	7,725	148,019
Cropland fertilized, except cropland pasturefarms, 2017	199	304	367	103	623
2012	183	256	355	77	619
acres treated, 2017	50,160	103,778	180,195	7,568	151,959
2012	37,104	100,659	172,252	5,939	144,253
Pastureland and rangeland fertilizedfarms, 2017	92	29	40	85	270
2012	56	35	27	58	244
acres treated, 2017	2,846	651	479	2,536	3,619
2012	1,770	925	429	1,786	3,766
Manurefarms, 2017	78	71	112	60	474
2012	50	52	101	48	409
acres treated, 2017	1,768	4,155	10,197	2,480	45,795
2012	1,386	2,026	11,811	2,914	29,637
Organic fertilizer (see text)farms, 2017	8	5	10	5	26
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	(D)	2,193	45	1,082
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	65	85	151	15	186
2012	65	104	204	13	195
acres, 2017	20,042	30,086	66,318	1,722	63,482
2012	9,627	25,483	69,763	2,405	67,292
Weeds, grass, or brushfarms, 2017	152	263	356	63	531
2012	172	251	366	55	547
acres, 2017	55,434	129,815	222,271	6,743	163,977
2012	40,787	121,250	202,139	5,245	165,209
Nematodesfarms, 2017	7	37	55	-	26
2012	8	28	44	-	43
acres, 2017	872	8,736	10,962	1	16,744
2012	2,697	7,028	15,408	(D)	29,309
Diseases in crops and orchardsfarms, 2017	30	28	68	15	85
2012	21	14	58	2	64
acres, 2017	5,904	9,242	35,732	962	28,612
2012	1,014	2,518	21,408	(D)	4,738
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	1	4	4	6	4
2012	15	3	2	3	4
acres on which used, 2017	(D)	83	1,495	18	14
2012	238	44	(D)	(D)	52

Item	Dearborn	Decatur	DeKalb	Delaware	Dubois	Elkhart
Commercial fertilizer, lime, and soil conditionersfarms, 2017	221	392	417	318	465	826
2012	182	400	371	357	429	796
acres treated, 2017	17,328	147,548	100,145	131,344	112,489	113,576
2012	16,672	126,679	91,825	127,414	109,049	110,286
Cropland fertilized, except cropland pasturefarms, 2017	183	378	387	304	376	679
2012	156	380	360	358	356	711
acres treated, 2017	15,739	145,865	99,741	130,982	105,459	110,348
2012	15,139	125,799	91,465	127,067	102,497	107,787
Pastureland and rangeland fertilizedfarms, 2017	67	52	50	24	189	253
2012	64	44	35	26	176	209
acres treated, 2017	1,589	1,683	404	362	7,030	3,228
2012	1,533	880	360	347	6,552	2,499
Manurefarms, 2017	141	145	134	74	295	740
2012	113	145	125	62	226	607
acres treated, 2017	2,623	12,979	10,239	3,774	31,319	37,107
2012	1,918	8,675	7,912	3,001	39,997	28,849
Organic fertilizer (see text)farms, 2017	12	4	9	3	17	95
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	186	154	1,168	7	1,119	2,727
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	49	189	133	99	181	276
2012	27	183	124	129	149	424
acres, 2017	3,166	88,585	34,552	45,966	74,747	30,217
2012	4,125	59,631	38,507	49,045	69,397	61,730
Weeds, grass, or brushfarms, 2017	147	356	385	293	370	565
2012	107	383	359	336	365	678
acres, 2017	16,695	167,652	121,184	146,025	112,548	112,266
2012	13,748	150,266	116,307	152,209	111,635	112,536
Nematodesfarms, 2017	4	36	40	18	39	21
2012	5	26	20	22	17	38
acres, 2017	160	23,173	7,630	14,815	9,160	4,195
2012	543	8,320	4,425	6,733	5,009	4,200
Diseases in crops and orchardsfarms, 2017	23	93	47	37	118	72
2012	13	47	27	31	23	92
acres, 2017	474	39,349	8,392	14,393	31,840	4,508
2012	1,173	10,738	6,776	5,634	4,376	4,831
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	3	1	2	4	6	14
2012	6	4	1	4	5	17
acres on which used, 2017	(D)	(D)	(D)	(D)	122	252
2012	148	84	(D)	(D)	165	432

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

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

Item	Fayette	Floyd	Fountain	Franklin	Fulton	Gibson
Commercial fertilizer, lime, and soil conditioners farms, 2017	173	93	269	397	408	363
..... 2012	185	110	254	427	418	393
..... acres treated, 2017	58,544	11,025	139,171	70,337	165,069	174,606
..... 2012	47,481	9,430	144,389	70,972	140,480	205,728
Cropland fertilized, except cropland pasture farms, 2017	158	79	264	372	392	341
..... 2012	181	94	248	410	409	381
..... acres treated, 2017	57,672	10,134	138,384	67,880	164,339	174,005
..... 2012	46,953	8,559	143,455	68,937	139,922	205,184
Pastureland and rangeland fertilized farms, 2017	32	40	24	94	49	41
..... 2012	18	41	27	83	39	30
..... acres treated, 2017	872	891	787	2,457	730	601
..... 2012	528	871	934	2,035	558	544
Manure farms, 2017	53	37	42	183	177	73
..... 2012	30	37	31	193	138	79
..... acres treated, 2017	1,608	813	2,307	7,358	21,267	6,594
..... 2012	912	312	2,658	7,034	11,650	9,286
Organic fertilizer (see text) farms, 2017	1	4	4	17	6	9
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	66	132	1,999	183	701
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	56	24	82	103	148	196
..... 2012	52	25	94	132	184	234
..... acres, 2017	19,308	4,006	63,262	26,118	65,189	126,399
..... 2012	15,645	2,787	48,652	20,415	40,666	133,870
Weeds, grass, or brush farms, 2017	145	69	245	314	366	317
..... 2012	156	86	235	367	379	379
..... acres, 2017	64,347	9,616	161,236	76,865	177,564	191,978
..... 2012	57,005	8,001	179,078	68,119	154,958	237,463
Nematodes farms, 2017	11	4	14	17	45	35
..... 2012	10	5	18	21	49	49
..... acres, 2017	2,962	937	9,160	4,956	11,620	16,517
..... 2012	1,710	95	14,673	2,296	10,037	10,976
Diseases in crops and orchards farms, 2017	22	19	34	31	50	87
..... 2012	4	7	21	17	31	52
..... acres, 2017	8,465	2,783	12,857	3,495	25,637	42,618
..... 2012	(D)	49	12,200	956	4,728	11,517
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	4	-	3	9	5	6
..... 2012	6	7	5	6	7	2
..... acres on which used, 2017	434	-	195	(D)	(D)	1,168
..... 2012	122	53	269	242	233	(D)
Item	Grant	Greene	Hamilton	Hancock	Harrison	Hendricks
Commercial fertilizer, lime, and soil conditioners farms, 2017	309	347	284	322	451	292
..... 2012	305	359	298	298	401	343
..... acres treated, 2017	136,664	84,785	92,233	120,596	71,425	105,352
..... 2012	120,664	95,429	89,835	116,308	61,407	159,047
Cropland fertilized, except cropland pasture farms, 2017	298	298	268	300	349	259
..... 2012	301	297	273	278	322	324
..... acres treated, 2017	136,415	80,835	92,046	120,177	65,664	104,087
..... 2012	120,582	91,327	89,470	116,059	56,723	158,220
Pastureland and rangeland fertilized farms, 2017	17	113	21	52	197	59
..... 2012	8	108	41	33	166	33
..... acres treated, 2017	249	3,950	187	419	5,761	1,265
..... 2012	82	4,102	365	249	4,684	827
Manure farms, 2017	72	147	80	126	170	133
..... 2012	36	101	86	76	134	88
..... acres treated, 2017	5,541	13,218	2,897	2,444	6,137	2,082
..... 2012	2,181	5,809	1,528	2,332	3,547	3,058
Organic fertilizer (see text) farms, 2017	9	17	4	9	18	13
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,591	10,011	(D)	852	641	208
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	86	83	94	112	110	105
..... 2012	122	72	130	113	75	139
..... acres, 2017	37,173	27,758	43,351	51,064	33,585	39,860
..... 2012	48,781	19,459	46,977	48,941	19,504	62,231
Weeds, grass, or brush farms, 2017	285	242	261	291	289	270
..... 2012	294	258	300	282	282	333
..... acres, 2017	161,110	100,398	109,774	152,058	74,220	128,200
..... 2012	159,128	113,273	113,202	149,654	61,452	185,673
Nematodes farms, 2017	23	20	26	23	20	13
..... 2012	25	21	20	21	14	35
..... acres, 2017	7,386	6,135	2,022	7,184	5,615	3,727
..... 2012	5,931	10,927	5,939	5,371	2,575	6,155
Diseases in crops and orchards farms, 2017	36	30	50	47	57	33
..... 2012	31	10	26	31	24	33
..... acres, 2017	14,275	8,666	8,966	20,397	11,087	10,462
..... 2012	11,017	3,256	8,544	15,034	4,950	6,565
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	6	-	6	7	12	6
..... 2012	8	5	2	9	8	8
..... acres on which used, 2017	749	-	103	227	190	37
..... 2012	1,252	163	(D)	175	39	98

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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	Howard	Huntington	Jackson	Jasper	Jay
Commercial fertilizer, lime, and soil conditionersfarms, 2017	341	299	363	374	396	443
2012	378	344	361	405	392	433
acres treated, 2017	114,326	101,398	149,750	119,806	208,305	138,499
2012	113,714	91,545	133,395	108,890	223,009	111,791
Cropland fertilized, except cropland pasturefarms, 2017	320	297	347	343	380	425
2012	370	327	351	371	386	423
acres treated, 2017	113,468	101,083	149,071	116,588	207,397	138,197
2012	113,147	91,152	133,115	106,030	221,977	111,510
Pastureland and rangeland fertilizedfarms, 2017	43	18	36	87	29	36
2012	28	46	25	103	31	30
acres treated, 2017	858	315	679	3,218	908	302
2012	567	393	280	2,860	1,032	281
Manurefarms, 2017	123	74	149	139	78	240
2012	106	73	107	104	79	182
acres treated, 2017	7,227	4,048	20,749	7,471	18,124	24,321
2012	6,630	6,913	12,160	6,631	13,866	13,471
Organic fertilizer (see text)farms, 2017	16	5	8	6	3	29
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,860	485	201	985	(D)	3,037
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	101	105	122	147	178	133
2012	152	165	132	161	213	150
acres, 2017	48,524	31,040	60,846	78,639	86,539	46,369
2012	43,295	54,642	59,078	38,932	106,322	34,211
Weeds, grass, or brushfarms, 2017	302	292	337	333	357	417
2012	358	325	352	374	382	412
acres, 2017	134,177	131,447	167,392	136,229	226,727	174,635
2012	137,219	129,140	163,732	122,337	243,976	134,263
Nematodesfarms, 2017	22	32	34	47	44	37
2012	18	34	32	37	52	27
acres, 2017	10,106	13,909	14,608	14,375	18,968	11,982
2012	9,515	7,284	10,128	15,983	11,034	5,367
Diseases in crops and orchardsfarms, 2017	38	33	66	100	57	52
2012	29	46	29	37	50	19
acres, 2017	11,707	11,106	23,683	39,777	21,523	12,934
2012	12,183	17,563	8,483	4,580	22,056	2,210
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	7	7	6	5	1	3
2012	2	10	4	5	7	4
acres on which used, 2017	534	430	356	159	(D)	(D)
2012	(D)	522	26	(D)	315	53
Item	Jefferson	Jennings	Johnson	Knox	Kosciusko	LaGrange
Commercial fertilizer, lime, and soil conditionersfarms, 2017	304	200	292	346	507	980
2012	260	207	300	358	571	1,106
acres treated, 2017	46,559	66,711	90,970	231,550	182,355	107,440
2012	47,732	68,192	103,787	249,660	167,259	106,729
Cropland fertilized, except cropland pasturefarms, 2017	266	183	270	320	447	758
2012	227	174	274	347	515	1,001
acres treated, 2017	45,089	65,356	90,497	230,389	179,954	102,087
2012	46,401	65,749	103,167	248,751	165,906	100,151
Pastureland and rangeland fertilizedfarms, 2017	84	39	48	42	127	450
2012	81	68	42	37	137	404
acres treated, 2017	1,470	1,355	473	1,161	2,401	5,353
2012	1,331	2,443	620	909	1,353	6,578
Manurefarms, 2017	118	74	111	54	245	1,132
2012	100	81	82	44	248	1,085
acres treated, 2017	1,872	2,719	3,005	15,767	17,440	35,842
2012	1,878	2,950	2,238	3,533	17,426	31,318
Organic fertilizer (see text)farms, 2017	14	5	12	7	26	354
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	3,346	164	905	1,092	768	13,203
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	75	54	128	157	199	268
2012	71	65	123	159	264	411
acres, 2017	22,802	29,130	39,590	112,617	93,552	48,253
2012	13,898	22,605	36,852	105,511	64,124	42,207
Weeds, grass, or brushfarms, 2017	192	165	235	301	406	430
2012	204	185	260	356	517	680
acres, 2017	50,825	72,890	106,394	260,242	184,020	96,611
2012	51,026	77,671	120,673	283,701	186,119	92,323
Nematodesfarms, 2017	12	3	27	41	37	21
2012	6	6	26	38	46	37
acres, 2017	8,089	(D)	7,487	16,551	8,446	11,784
2012	2,418	(D)	8,727	10,440	8,215	7,669
Diseases in crops and orchardsfarms, 2017	25	35	45	62	68	72
2012	14	9	24	51	57	68
acres, 2017	3,308	15,819	10,810	26,107	25,141	16,688
2012	1,517	(D)	4,475	18,952	15,296	6,474
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	3	3	1	12	8	13
2012	11	2	5	10	17	15
acres on which used, 2017	277	151	(D)	1,800	1,183	564
2012	317	(D)	62	2,460	1,594	1,038

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

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

Item	Lake	LaPorte	Lawrence	Madison	Marion	Marshall
Commercial fertilizer, lime, and soil conditioners farms, 2017	193	441	301	398	67	487
..... 2012	204	424	272	415	76	475
..... acres treated, 2017	81,313	193,565	52,655	149,870	9,674	140,097
..... 2012	102,740	176,935	46,239	138,922	13,359	150,743
Cropland fertilized, except cropland pasture farms, 2017	189	421	256	371	52	448
..... 2012	196	405	226	394	62	446
..... acres treated, 2017	81,115	192,260	48,581	149,442	9,574	139,042
..... 2012	102,576	176,167	42,618	138,118	13,255	148,525
Pastureland and rangeland fertilized farms, 2017	14	44	94	43	17	88
..... 2012	18	47	98	33	16	108
..... acres treated, 2017	198	1,305	4,074	428	100	1,055
..... 2012	164	768	3,621	804	104	2,218
Manure farms, 2017	48	108	100	88	27	209
..... 2012	52	108	64	67	32	203
..... acres treated, 2017	1,026	5,451	3,527	2,327	165	15,159
..... 2012	625	8,490	2,077	1,820	304	14,004
Organic fertilizer (see text) farms, 2017	4	11	36	8	1	23
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	672	173	3,280	831	(D)	2,396
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	90	211	57	123	27	190
..... 2012	126	242	38	171	34	205
..... acres, 2017	46,727	96,899	6,557	68,937	3,389	50,216
..... 2012	48,288	105,501	11,462	66,172	6,244	60,137
Weeds, grass, or brush farms, 2017	166	397	179	358	65	408
..... 2012	201	395	203	405	63	426
..... acres, 2017	95,481	212,693	55,749	185,751	12,463	155,419
..... 2012	117,979	193,472	44,974	183,034	13,441	156,827
Nematodes farms, 2017	23	33	19	30	2	39
..... 2012	25	36	4	30	6	42
..... acres, 2017	9,115	8,108	10,431	14,180	(D)	15,399
..... 2012	7,618	19,094	(D)	6,623	12	16,379
Diseases in crops and orchards farms, 2017	28	71	27	51	10	70
..... 2012	42	68	11	41	17	36
..... acres, 2017	6,070	35,057	11,752	27,511	(D)	9,596
..... 2012	14,615	29,338	8,408	12,489	721	10,115
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	14	16	4	4	5	13
..... 2012	7	9	2	11	4	4
..... acres on which used, 2017	929	1,926	212	(D)	10	867
..... 2012	332	1,642	(D)	551	7	94
Item	Martin	Miami	Monroe	Montgomery	Morgan	Newton
Commercial fertilizer, lime, and soil conditioners farms, 2017	107	392	166	382	249	254
..... 2012	154	355	154	411	272	244
..... acres treated, 2017	26,138	126,502	12,851	207,140	77,837	134,229
..... 2012	28,621	118,429	17,796	198,433	80,016	140,961
Cropland fertilized, except cropland pasture farms, 2017	90	385	122	368	224	247
..... 2012	131	353	114	403	238	239
..... acres treated, 2017	24,108	125,541	11,099	206,228	76,608	133,391
..... 2012	27,405	118,043	16,241	197,520	78,344	140,277
Pastureland and rangeland fertilized farms, 2017	40	34	67	37	43	27
..... 2012	52	18	59	41	55	21
..... acres treated, 2017	2,030	961	1,752	912	1,229	838
..... 2012	1,216	386	1,555	913	1,672	684
Manure farms, 2017	76	113	64	68	68	45
..... 2012	81	124	54	78	53	33
..... acres treated, 2017	8,267	10,960	1,893	3,555	2,266	4,172
..... 2012	8,625	10,894	1,213	3,236	2,326	2,900
Organic fertilizer (see text) farms, 2017	3	17	24	7	10	-
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	204	1,781	52	345	1,048	-
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	22	104	34	150	93	148
..... 2012	34	161	34	213	101	151
..... acres, 2017	8,055	31,604	3,302	72,087	36,769	75,070
..... 2012	10,987	46,469	2,836	92,257	38,986	63,522
Weeds, grass, or brush farms, 2017	81	343	77	350	218	236
..... 2012	107	367	86	381	248	240
..... acres, 2017	28,597	150,877	9,368	241,794	94,538	153,285
..... 2012	34,176	145,913	16,092	247,006	102,313	171,738
Nematodes farms, 2017	6	25	11	43	12	42
..... 2012	6	26	9	51	11	25
..... acres, 2017	2,907	7,237	2,184	18,079	10,337	8,942
..... 2012	1,944	3,618	(D)	18,836	517	11,492
Diseases in crops and orchards farms, 2017	18	24	10	78	20	63
..... 2012	10	44	17	39	18	33
..... acres, 2017	7,227	10,175	856	24,580	5,642	18,120
..... 2012	(D)	23,327	1,142	19,740	1,311	14,579
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	-	2	2	4	7	1
..... 2012	5	10	7	2	5	-
..... acres on which used, 2017	-	(D)	(D)	87	278	(D)
..... 2012	114	1,327	103	(D)	109	-

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

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

Item	Noble	Ohio	Orange	Owen	Parke	Perry
Commercial fertilizer, lime, and soil conditionersfarms, 2017	531	59	206	298	308	240
2012	562	66	186	195	281	205
acres treated, 2017	130,413	6,348	52,228	46,936	107,271	32,676
2012	113,553	6,948	41,859	40,612	97,392	21,522
Cropland fertilized, except cropland pasturefarms, 2017	499	52	171	266	277	202
2012	534	53	165	175	260	161
acres treated, 2017	129,123	6,050	49,375	44,867	106,061	29,037
2012	112,429	6,409	39,025	39,238	95,472	17,920
Pastureland and rangeland fertilizedfarms, 2017	101	11	77	63	73	120
2012	82	21	58	36	74	117
acres treated, 2017	1,290	298	2,853	2,069	1,210	3,639
2012	1,124	539	2,834	1,374	1,920	3,602
Manurefarms, 2017	284	40	68	79	140	119
2012	265	31	69	50	101	105
acres treated, 2017	17,550	730	6,282	1,599	5,280	8,499
2012	16,877	567	4,119	1,616	3,283	3,612
Organic fertilizer (see text)farms, 2017	40	4	11	14	53	11
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	2,615	61	698	454	2,679	1,306
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	157	12	60	40	92	27
2012	222	10	60	51	129	24
acres, 2017	57,313	1,848	35,808	8,967	19,539	13,189
2012	44,563	935	19,235	9,600	34,542	3,454
Weeds, grass, or brushfarms, 2017	426	32	111	193	214	145
2012	533	32	132	177	240	147
acres, 2017	147,316	4,726	55,166	51,022	127,145	24,360
2012	126,788	5,838	43,771	47,906	110,353	18,454
Nematodesfarms, 2017	47	1	18	7	21	6
2012	29	4	10	19	37	1
acres, 2017	15,788	(D)	14,323	737	9,459	1,553
2012	1,894	(D)	2,855	2,466	1,683	(D)
Diseases in crops and orchardsfarms, 2017	44	6	30	14	54	19
2012	36	4	8	22	39	3
acres, 2017	13,259	774	13,743	4,583	11,633	2,713
2012	8,626	9	1,574	3,255	5,998	7
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	10	2	3	2	3	3
2012	10	1	4	5	4	2
acres on which used, 2017	1,056	(D)	7	(D)	(D)	14
2012	231	(D)	11	96	135	(D)
Item	Pike	Porter	Posey	Pulaski	Putnam	Randolph
Commercial fertilizer, lime, and soil conditionersfarms, 2017	149	262	342	331	334	509
2012	139	253	303	308	336	469
acres treated, 2017	45,978	93,397	144,392	168,855	107,955	182,908
2012	48,765	90,352	177,915	167,011	124,892	163,450
Cropland fertilized, except cropland pasturefarms, 2017	132	252	311	319	310	486
2012	130	247	289	298	307	458
acres treated, 2017	45,426	93,175	143,681	168,382	106,649	181,759
2012	47,960	89,808	177,549	166,609	123,275	162,866
Pastureland and rangeland fertilizedfarms, 2017	23	24	45	30	62	53
2012	20	26	21	24	53	33
acres treated, 2017	552	222	711	473	1,306	1,149
2012	805	544	366	402	1,617	584
Manurefarms, 2017	32	76	53	62	103	167
2012	35	61	36	55	81	150
acres treated, 2017	3,523	3,855	2,382	6,604	2,798	18,244
2012	2,610	2,176	2,531	7,553	3,791	13,171
Organic fertilizer (see text)farms, 2017	-	11	20	7	7	21
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	-	40	254	622	241	2,080
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	63	124	205	166	89	142
2012	70	130	156	173	111	128
acres, 2017	25,917	49,864	112,470	96,463	33,681	40,046
2012	23,954	53,407	102,566	77,998	49,416	39,388
Weeds, grass, or brushfarms, 2017	135	221	308	300	256	451
2012	132	230	305	296	311	453
acres, 2017	48,110	100,560	162,018	203,112	122,926	211,625
2012	56,855	100,231	207,867	182,379	137,465	203,453
Nematodesfarms, 2017	9	38	45	58	20	28
2012	9	33	24	38	21	16
acres, 2017	1,676	8,595	15,476	31,594	10,993	5,415
2012	1,281	10,530	13,797	10,299	5,505	3,588
Diseases in crops and orchardsfarms, 2017	25	42	113	64	31	72
2012	12	33	41	18	20	34
acres, 2017	6,612	10,809	53,488	42,398	9,840	19,100
2012	2,750	16,765	13,993	8,731	3,488	3,621
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	-	5	7	4	-	7
2012	1	4	3	3	2	7
acres on which used, 2017	-	971	893	686	-	1,026
2012	(D)	501	(D)	82	(D)	667

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

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

Item	Ripley	Rush	St. Joseph	Scott	Shelby	Spencer
Commercial fertilizer, lime, and soil conditioners farms, 2017	494	402	338	115	380	417
..... 2012	478	431	363	113	401	358
..... acres treated, 2017	113,471	160,742	106,516	34,842	158,545	103,376
..... 2012	103,389	147,368	113,666	32,622	168,941	104,792
Cropland fertilized, except cropland pasture farms, 2017	457	380	327	101	369	352
..... 2012	452	422	351	85	389	321
..... acres treated, 2017	109,796	160,006	106,314	34,268	157,649	98,411
..... 2012	100,127	147,051	113,370	31,802	168,371	100,681
Pastureland and rangeland fertilized farms, 2017	118	40	23	28	38	154
..... 2012	106	22	35	45	35	116
..... acres treated, 2017	3,675	736	202	574	896	4,965
..... 2012	3,262	317	296	820	570	4,111
Manure farms, 2017	227	151	111	49	94	158
..... 2012	180	124	124	46	60	148
..... acres treated, 2017	6,986	13,782	4,321	3,673	6,608	9,124
..... 2012	10,340	8,516	3,414	843	2,790	12,135
Organic fertilizer (see text) farms, 2017	17	10	9	5	5	15
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,375	691	171	335	18	1,257
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	143	152	128	37	137	117
..... 2012	149	193	179	31	142	101
..... acres, 2017	39,876	53,005	41,085	16,220	63,469	44,246
..... 2012	23,812	63,522	45,482	10,799	63,057	49,595
Weeds, grass, or brush farms, 2017	395	383	285	97	346	301
..... 2012	431	406	348	88	399	311
..... acres, 2017	115,254	178,158	121,731	38,938	198,347	113,492
..... 2012	110,321	170,211	126,444	32,474	212,346	113,086
Nematodes farms, 2017	35	38	31	14	43	32
..... 2012	17	22	30	3	26	15
..... acres, 2017	7,348	9,582	4,743	5,081	15,906	14,474
..... 2012	2,431	4,754	5,426	434	26,844	3,178
Diseases in crops and orchards farms, 2017	96	82	46	24	78	78
..... 2012	26	22	41	10	20	30
..... acres, 2017	26,817	22,352	11,615	5,458	26,954	20,101
..... 2012	2,490	5,681	6,680	1,517	9,392	19,027
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	3	5	2	1	6	-
..... 2012	10	8	1	1	6	7
..... acres on which used, 2017	(D)	383	(D)	(D)	444	-
..... 2012	369	764	(D)	(D)	464	24
Item	Starke	Steuben	Sullivan	Switzerland	Tippecanoe	Tipton
Commercial fertilizer, lime, and soil conditioners farms, 2017	241	212	252	161	373	282
..... 2012	191	200	253	143	349	290
..... acres treated, 2017	103,882	75,698	108,723	15,620	161,687	115,109
..... 2012	89,264	58,730	114,402	18,080	156,880	108,020
Cropland fertilized, except cropland pasture farms, 2017	221	203	240	138	327	276
..... 2012	185	185	242	131	326	288
..... acres treated, 2017	103,640	75,602	108,376	14,229	160,740	114,935
..... 2012	88,955	58,180	113,835	17,397	156,216	107,743
Pastureland and rangeland fertilized farms, 2017	25	13	16	50	67	18
..... 2012	14	26	21	24	47	16
..... acres treated, 2017	242	96	347	1,391	947	174
..... 2012	309	550	567	683	664	277
Manure farms, 2017	41	48	32	77	125	54
..... 2012	28	66	23	54	87	46
..... acres treated, 2017	4,046	3,436	1,610	1,307	7,227	4,076
..... 2012	2,760	4,704	1,221	1,094	2,481	5,090
Organic fertilizer (see text) farms, 2017	6	2	14	12	7	6
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	(NA)	1,039	508	217	(D)
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects farms, 2017	77	62	87	30	146	115
..... 2012	83	79	94	50	171	166
..... acres, 2017	32,276	41,265	24,713	11,100	65,885	73,854
..... 2012	33,794	18,926	35,382	4,250	71,420	54,136
Weeds, grass, or brush farms, 2017	178	188	222	84	355	284
..... 2012	179	194	255	89	345	298
..... acres, 2017	109,231	84,930	124,651	18,006	185,273	146,415
..... 2012	94,848	62,951	139,469	16,505	188,685	133,469
Nematodes farms, 2017	14	8	19	8	37	31
..... 2012	32	18	18	5	39	30
..... acres, 2017	8,233	6,129	6,599	1,194	10,209	23,872
..... 2012	9,446	1,831	12,442	(D)	18,910	11,092
Diseases in crops and orchards farms, 2017	25	12	40	20	57	53
..... 2012	22	26	17	11	54	37
..... acres, 2017	9,494	2,017	14,638	4,047	14,820	37,242
..... 2012	5,599	1,414	7,572	175	15,886	24,409
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	5	2	-	2	8	4
..... 2012	1	2	1	13	8	7
..... acres on which used, 2017	3,098	(D)	-	(D)	600	879
..... 2012	(D)	(D)	(D)	157	187	2,224

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

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

Item	Union	Vanderburgh	Vermillion	Vigo	Wabash	Warren
Commercial fertilizer, lime, and soil conditionersfarms, 2017	158	158	145	208	424	189
2012	157	170	136	208	381	185
acres treated, 2017	60,285	49,985	73,661	63,530	144,993	108,252
2012	54,216	53,461	73,481	69,505	131,010	115,728
Cropland fertilized, except cropland pasturefarms, 2017	155	153	143	198	405	184
2012	150	165	134	197	375	179
acres treated, 2017	60,138	49,864	(D)	63,285	144,344	107,814
2012	53,652	53,241	72,595	69,173	130,613	115,332
Pastureland and rangeland fertilizedfarms, 2017	9	11	4	16	38	8
2012	17	9	10	20	27	15
acres treated, 2017	147	121	(D)	245	649	438
2012	564	220	886	332	397	396
Manurefarms, 2017	38	26	25	31	157	41
2012	37	23	15	35	128	20
acres treated, 2017	2,112	547	3,123	2,991	17,957	5,685
2012	1,041	768	1,349	916	12,595	693
Organic fertilizer (see text)farms, 2017	1	5	2	5	10	3
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	(D)	75	(D)	72	346	(D)
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	43	109	60	72	158	75
2012	53	94	66	53	129	110
acres, 2017	14,661	40,437	27,777	24,468	48,241	52,914
2012	13,536	51,881	27,064	21,874	37,825	67,602
Weeds, grass, or brushfarms, 2017	154	152	137	179	393	176
2012	151	161	137	182	372	189
acres, 2017	66,564	56,938	90,272	91,635	173,649	148,642
2012	57,809	68,501	91,082	93,000	156,235	145,362
Nematodesfarms, 2017	9	11	21	17	23	17
2012	6	17	8	19	20	14
acres, 2017	1,682	3,211	4,416	8,077	5,169	10,045
2012	1,668	2,524	885	6,487	3,399	6,690
Diseases in crops and orchardsfarms, 2017	21	46	19	24	49	36
2012	13	20	9	17	19	15
acres, 2017	8,698	17,650	6,118	5,976	12,996	27,680
2012	2,173	6,562	773	1,640	8,687	7,296
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	2	4	-	2	1	3
2012	3	3	-	2	1	1
acres on which used, 2017	(D)	23	-	(D)	(D)	(D)
2012	94	7	-	(D)	(D)	(D)
Item	Warrick	Washington	Wayne	Wells	White	Whitley
Commercial fertilizer, lime, and soil conditionersfarms, 2017	191	444	448	397	372	380
2012	180	321	406	426	404	359
acres treated, 2017	70,863	100,762	104,963	156,946	217,496	115,203
2012	71,888	111,520	99,495	139,159	225,795	91,923
Cropland fertilized, except cropland pasturefarms, 2017	162	355	429	394	345	359
2012	158	262	393	424	393	342
acres treated, 2017	70,075	95,758	102,728	156,922	216,480	114,658
2012	71,266	106,016	97,367	138,984	224,750	91,463
Pastureland and rangeland fertilizedfarms, 2017	48	159	96	7	43	33
2012	36	126	84	10	40	43
acres treated, 2017	788	5,004	2,235	24	1,016	545
2012	622	5,504	2,128	175	1,045	460
Manurefarms, 2017	63	203	204	116	106	128
2012	44	142	166	107	105	117
acres treated, 2017	6,087	16,694	7,943	25,276	12,052	7,240
2012	4,715	12,345	10,561	15,337	18,110	5,814
Organic fertilizer (see text)farms, 2017	10	6	38	9	10	11
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	277	363	2,867	2,127	3,421	344
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insectsfarms, 2017	85	101	141	137	151	136
2012	84	90	177	145	228	152
acres, 2017	47,085	49,946	30,740	43,005	82,197	42,148
2012	34,453	41,437	34,450	40,290	93,449	44,250
Weeds, grass, or brushfarms, 2017	166	319	347	388	324	328
2012	174	254	390	416	393	336
acres, 2017	78,932	117,851	110,564	203,787	243,822	133,863
2012	80,021	119,280	107,601	176,688	256,171	106,117
Nematodesfarms, 2017	14	20	17	30	51	37
2012	19	28	21	24	63	30
acres, 2017	10,545	4,289	2,078	8,058	30,543	6,237
2012	6,007	10,956	2,777	6,726	32,718	12,006
Diseases in crops and orchardsfarms, 2017	50	82	55	62	44	41
2012	18	17	37	16	32	35
acres, 2017	20,009	18,315	9,387	21,196	24,239	19,467
2012	6,416	1,294	3,845	4,500	11,370	8,142
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	-	7	3	4	2	2
2012	3	5	15	3	5	3
acres on which used, 2017	-	148	54	414	(D)	(D)
2012	67	(D)	542	(D)	17	(D)