

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	Illinois	Adams	Alexander	Bond	Boone	Brown	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	43,796	854	51	303	271	194
	2012	43,784	775	59	350	292	196
acres treated, 2017	18,347,483	286,804	25,448	106,751	83,458	55,307	
	2012	18,055,173	213,968	26,656	131,664	105,118	57,368
Cropland fertilized, except cropland pasture	farms, 2017	42,165	824	48	274	264	188
	2012	42,572	748	54	340	283	192
acres treated, 2017	18,163,593	277,225	25,132	105,570	82,979	53,846	
	2012	17,906,034	206,420	26,044	130,593	104,742	56,434
Pastureland and rangeland fertilized	farms, 2017	4,575	177	4	50	28	23
	2012	4,028	157	11	32	25	15
acres treated, 2017	183,890	9,579	316	1,181	479	1,461	
	2012	149,139	7,548	612	1,071	376	934
Manure	farms, 2017	9,616	266	4	106	84	42
	2012	8,535	196	12	74	96	44
acres treated, 2017	597,699	12,075	220	5,998	3,461	3,492	
	2012	548,993	7,236	124	3,502	4,536	3,532
Organic fertilizer (see text)	farms, 2017	952	11	2	6	8	10
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	144,211	608	(D)	(D)	216	3,336	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
	Insects	farms, 2017	20,664	437	17	123	101
2012	25,712	321	28	139	194	68	
	acres, 2017	8,714,608	150,217	13,841	66,580	26,884	22,379
2012	9,415,667	106,809	7,505	54,725	62,430	16,500	
	Weeds, grass, or brush	farms, 2017	39,834	759	52	265	232
2012	42,737	737	64	339	290	175	
	acres, 2017	21,577,782	324,534	37,014	136,130	99,482	60,455
2012	21,526,174	255,431	42,854	162,770	117,289	67,112	
	Nematodes	farms, 2017	4,777	65	2	34	28
2012	3,957	38	-	14	27	15	
	acres, 2017	1,595,798	13,381	(D)	6,158	7,539	6,492
2012	1,149,489	6,348	-	6,994	2,316	2,925	
	Diseases in crops and orchards	farms, 2017	6,811	89	7	58	17
2012	5,241	54	15	31	39	8	
	acres, 2017	3,062,971	26,975	2,129	23,116	3,424	2,878
2012	1,733,188	6,342	5,390	10,622	7,188	2,617	
	Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	562	9	-	4	2
2012		542	8	-	5	3	2
acres on which used, 2017	93,147	1,385	-	110	(D)	-	-
	2012	50,358	271	-	673	(D)	(D)

Item	Bureau	Calhoun	Carroll	Cass	Champaign	Christian	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	738	235	354	262	935	534
	2012	763	218	369	258	996	517
acres treated, 2017	356,353	41,141	177,077	121,245	440,554	293,856	
	2012	343,512	30,098	186,539	111,255	449,819	248,560
Cropland fertilized, except cropland pasture	farms, 2017	725	214	354	255	922	521
	2012	758	209	365	253	992	513
acres treated, 2017	354,777	40,472	175,048	119,784	439,111	292,903	
	2012	340,880	28,833	184,771	110,103	449,091	247,822
Pastureland and rangeland fertilized	farms, 2017	28	33	24	25	30	36
	2012	33	33	48	19	16	31
acres treated, 2017	1,576	669	2,029	1,461	1,443	953	
	2012	2,632	1,265	1,768	1,152	728	738
Manure	farms, 2017	112	28	139	31	99	81
	2012	102	13	165	27	100	58
acres treated, 2017	6,223	1,148	16,368	913	3,199	2,599	
	2012	8,302	456	12,214	1,532	6,099	4,479
Organic fertilizer (see text)	farms, 2017	17	3	2	4	17	8
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,421	275	(D)	(D)	493	2,579	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
	Insects	farms, 2017	444	93	176	121	457
2012	602	113	301	153	698	303	
	acres, 2017	197,833	14,195	81,652	51,722	185,427	138,337
2012	241,176	14,613	130,990	42,379	232,087	105,362	
	Weeds, grass, or brush	farms, 2017	703	193	347	238	895
2012	749	196	391	265	1,001	526	
	acres, 2017	380,800	50,594	185,904	146,936	539,586	360,033
2012	382,040	33,889	198,963	134,246	556,014	332,519	
	Nematodes	farms, 2017	108	22	36	27	106
2012	106	15	59	28	115	43	
	acres, 2017	35,075	2,252	16,194	4,936	29,147	28,361
2012	27,637	1,469	10,738	4,257	37,668	11,870	
	Diseases in crops and orchards	farms, 2017	185	26	59	39	153
2012	117	34	84	35	113	34	
	acres, 2017	97,631	3,126	44,435	14,477	51,959	45,472
2012	45,506	1,004	38,558	10,625	42,287	8,249	
	Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	3	7	6	5	15
2012		9	7	6	5	3	3
acres on which used, 2017	(D)	228	424	6,021	1,828	-	-
	2012	968	144	12	124	105	(D)

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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	Coles	Cook	Crawford	Cumberland
Commercial fertilizer, lime, and soil conditionersfarms, 2017	417	381	534	410	73	295	360
2012	379	360	599	430	51	289	383
acres treated, 2017	169,497	165,720	172,853	164,095	5,364	157,217	109,146
2012	169,592	149,964	192,456	178,452	(D)	152,966	104,304
Cropland fertilized, except cropland pasturefarms, 2017	407	353	524	400	67	283	350
2012	374	343	590	419	46	283	379
acres treated, 2017	168,604	162,955	172,588	163,214	5,342	156,249	108,729
2012	169,013	148,161	191,943	177,181	(D)	152,234	104,025
Pastureland and rangeland fertilizedfarms, 2017	28	70	30	28	7	31	25
2012	26	45	42	29	7	22	23
acres treated, 2017	893	2,765	265	881	22	968	417
2012	579	1,803	513	1,271	55	732	279
Manurefarms, 2017	37	73	174	73	14	52	94
2012	36	59	206	57	12	52	82
acres treated, 2017	3,267	18,269	15,987	2,323	603	3,797	6,546
2012	2,258	18,628	21,804	1,786	608	2,425	7,033
Organic fertilizer (see text)farms, 2017	6	8	10	3	7	4	5
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	1,691	745	3,654	53	32	521	395
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	149	132	274	145	32	127	172
2012	150	116	305	211	31	105	180
acres, 2017	54,823	70,044	84,499	52,270	(D)	64,248	45,350
2012	73,335	58,757	107,249	54,928	2,403	41,619	43,895
Weeds, grass, or brushfarms, 2017	382	315	490	388	52	255	322
2012	361	328	599	428	40	284	349
acres, 2017	200,276	226,261	195,195	201,191	8,987	172,575	125,834
2012	214,801	205,840	235,057	230,458	5,667	170,691	122,572
Nematodesfarms, 2017	36	20	45	60	5	33	53
2012	29	11	34	28	6	17	25
acres, 2017	11,577	11,242	8,469	9,123	(D)	16,078	4,487
2012	10,366	3,577	4,782	6,867	(D)	7,840	9,016
Diseases in crops and orchardsfarms, 2017	48	33	76	51	9	49	55
2012	20	19	81	41	12	14	17
acres, 2017	11,927	21,687	27,049	15,460	780	21,282	11,812
2012	1,869	6,269	10,060	12,880	229	3,667	3,764
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	4	2	3	3	2	1	9
2012	-	2	6	-	2	-	-
acres on which used, 2017	(D)	(D)	(D)	66	(D)	(D)	362
2012	-	(D)	139	-	(D)	-	-
Item	De Kalb	De Witt	Douglas	Du Page	Edgar	Edwards	Effingham
Commercial fertilizer, lime, and soil conditionersfarms, 2017	548	317	392	19	429	185	760
2012	612	313	488	14	455	167	747
acres treated, 2017	295,815	138,465	161,390	1,045	218,155	75,893	202,920
2012	332,767	130,875	178,786	(D)	234,143	58,773	188,834
Cropland fertilized, except cropland pasturefarms, 2017	541	302	370	19	425	180	734
2012	609	306	484	14	452	163	729
acres treated, 2017	295,566	137,540	160,962	(D)	217,112	74,252	200,381
2012	332,601	130,601	178,452	(D)	233,759	57,827	186,372
Pastureland and rangeland fertilizedfarms, 2017	27	25	42	1	13	28	116
2012	14	13	38	-	12	26	98
acres treated, 2017	249	925	428	(D)	1,043	1,641	2,539
2012	166	274	334	-	384	946	2,462
Manurefarms, 2017	150	46	106	2	26	42	281
2012	157	21	112	3	35	15	264
acres treated, 2017	18,758	1,212	3,338	(D)	1,195	4,581	20,034
2012	23,018	504	4,868	15	1,670	781	20,169
Organic fertilizer (see text)farms, 2017	25	4	16	3	4	4	8
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	8,771	2,681	2,362	5	202	246	3,020
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	282	163	172	13	194	49	364
2012	475	216	292	18	281	50	344
acres, 2017	116,773	59,823	69,098	(D)	87,592	21,654	100,407
2012	222,660	75,980	71,178	(D)	120,709	15,241	62,670
Weeds, grass, or brushfarms, 2017	535	297	345	9	404	165	641
2012	619	305	456	23	456	164	710
acres, 2017	334,808	167,804	207,940	1,169	277,180	90,431	225,389
2012	366,157	170,866	224,773	5,581	302,979	76,805	209,719
Nematodesfarms, 2017	56	57	34	-	49	6	74
2012	62	31	45	1	50	9	52
acres, 2017	25,211	26,997	7,053	-	10,441	(D)	11,305
2012	26,777	9,559	16,778	(D)	20,368	1,262	7,799
Diseases in crops and orchardsfarms, 2017	104	48	72	2	48	27	97
2012	101	28	35	11	27	4	28
acres, 2017	35,204	27,276	37,121	(D)	39,418	12,439	35,685
2012	42,003	9,685	4,600	172	10,865	345	3,946
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	11	5	3	-	3	2	9
2012	12	3	4	2	10	3	12
acres on which used, 2017	1,953	857	221	-	255	(D)	1,083
2012	1,714	6	388	(D)	990	190	1,344

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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	Ford	Franklin	Fulton	Gallatin	Greene	Grundy
Commercial fertilizer, lime, and soil conditioners farms, 2017	710	385	277	619	116	469	318
..... 2012	618	406	268	575	145	426	352
..... acres treated, 2017	236,200	195,467	107,611	230,022	131,258	183,573	164,673
..... 2012	183,551	219,828	99,686	210,325	135,555	167,152	154,246
Cropland fertilized, except cropland pasture farms, 2017	656	381	241	611	106	456	312
..... 2012	595	406	240	559	144	409	348
..... acres treated, 2017	232,097	(D)	104,727	224,306	130,067	180,427	164,399
..... 2012	181,924	219,756	98,121	206,626	134,492	165,047	153,794
Pastureland and rangeland fertilized farms, 2017	132	4	67	56	17	50	15
..... 2012	75	7	54	48	17	58	14
..... acres treated, 2017	4,103	(D)	2,884	5,716	1,191	3,146	274
..... 2012	1,627	72	1,565	3,699	1,063	2,105	452
Manure farms, 2017	168	63	69	158	6	86	36
..... 2012	121	59	51	114	3	58	48
..... acres treated, 2017	5,316	6,242	4,431	8,901	256	4,622	628
..... 2012	3,672	16,037	1,686	7,287	135	2,124	1,783
Organic fertilizer (see text) farms, 2017	14	15	5	15	1	8	2
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	5,410	444	1,312	295	(D)	812	(D)
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	295	173	94	274	43	205	162
..... 2012	232	269	66	292	61	198	241
..... acres, 2017	111,163	89,525	51,208	99,634	66,389	89,415	80,776
..... 2012	60,840	110,653	26,336	113,650	86,306	69,994	103,255
Weeds, grass, or brush farms, 2017	603	378	219	571	102	429	302
..... 2012	557	401	239	560	142	388	342
..... acres, 2017	270,477	244,496	125,222	249,349	152,057	233,832	211,692
..... 2012	213,658	273,613	121,233	239,486	158,139	212,756	197,442
Nematodes farms, 2017	35	58	29	88	4	36	46
..... 2012	45	45	10	56	4	21	29
..... acres, 2017	8,933	20,077	8,694	20,282	3,354	13,056	17,052
..... 2012	8,879	22,144	1,485	18,558	1,951	7,177	6,024
Diseases in crops and orchards farms, 2017	108	72	31	80	24	52	61
..... 2012	54	42	26	72	14	42	56
..... acres, 2017	23,428	37,929	18,315	18,774	28,095	12,690	45,787
..... 2012	4,609	13,315	3,020	19,716	11,009	16,300	21,090
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	4	1	5	11	4	7	7
..... 2012	7	-	3	8	1	4	-
..... acres on which used, 2017	182	(D)	439	2,808	2,220	1,814	2,504
..... 2012	610	-	53	999	(D)	(D)	-
Item	Hamilton	Hancock	Hardin	Henderson	Henry	Iroquois	Jackson
Commercial fertilizer, lime, and soil conditioners farms, 2017	230	746	43	305	840	1,104	395
..... 2012	232	647	30	295	869	1,070	338
..... acres treated, 2017	112,916	290,767	8,163	131,653	360,154	510,796	106,316
..... 2012	116,753	227,105	6,614	121,823	348,471	500,534	101,047
Cropland fertilized, except cropland pasture farms, 2017	218	715	34	303	822	1,094	366
..... 2012	223	631	21	295	855	1,068	290
..... acres treated, 2017	112,262	283,909	7,462	129,957	358,639	509,804	102,886
..... 2012	115,843	221,706	5,349	116,952	346,960	499,723	98,278
Pastureland and rangeland fertilized farms, 2017	23	130	18	24	72	36	89
..... 2012	29	106	16	46	69	34	93
..... acres treated, 2017	654	6,858	701	1,696	1,515	992	3,430
..... 2012	910	5,399	1,265	4,831	1,511	811	2,769
Manure farms, 2017	24	182	3	88	247	171	89
..... 2012	14	141	7	61	233	151	77
..... acres treated, 2017	363	12,583	(D)	4,689	12,621	15,420	4,751
..... 2012	824	9,734	452	8,573	13,053	8,687	2,396
Organic fertilizer (see text) farms, 2017	2	10	-	4	16	15	17
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	(D)	2,449	-	409	3,510	4,877	637
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	92	413	11	183	511	512	154
..... 2012	91	395	4	170	635	727	108
..... acres, 2017	61,807	182,134	4,152	54,503	204,423	216,583	45,353
..... 2012	55,794	140,350	(D)	62,570	225,415	249,660	26,698
Weeds, grass, or brush farms, 2017	202	672	40	279	810	1,054	342
..... 2012	221	633	19	288	883	1,071	313
..... acres, 2017	150,789	333,924	9,765	140,113	396,982	608,327	148,934
..... 2012	153,165	279,809	5,975	136,194	400,208	599,830	149,669
Nematodes farms, 2017	19	82	2	48	102	153	41
..... 2012	11	58	-	45	93	152	16
..... acres, 2017	25,813	20,259	(D)	7,532	31,788	63,298	3,278
..... 2012	2,684	7,362	-	10,471	24,111	46,825	724
Diseases in crops and orchards farms, 2017	32	116	2	64	164	131	80
..... 2012	15	91	48	145	145	145	52
..... acres, 2017	28,941	53,234	(D)	16,735	69,570	46,066	27,993
..... 2012	5,073	26,290	-	19,226	47,598	47,718	25,642
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	2	9	-	4	14	4	15
..... 2012	5	13	1	5	6	14	13
..... acres on which used, 2017	(D)	1,292	-	1,040	1,683	(D)	622
..... 2012	49	521	(D)	586	836	1,392	126

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

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

Item	Jasper	Jefferson	Jersey	Jo Daviess	Johnson	Kane	Kankakee
Commercial fertilizer, lime, and soil conditionersfarms, 2017	519	534	296	462	215	344	525
.....farms, 2012	534	401	298	479	175	344	612
.....acres treated, 2017	166,408	167,304	125,041	151,378	32,359	136,530	247,316
.....acres treated, 2012	169,430	108,746	99,537	150,942	25,333	132,978	272,604
Cropland fertilized, except cropland pasturefarms, 2017	503	484	291	447	153	328	517
.....farms, 2012	526	376	287	460	120	334	604
.....acres treated, 2017	164,428	161,611	122,564	146,064	28,056	135,968	247,109
.....acres treated, 2012	167,960	105,783	98,499	143,706	21,857	132,586	272,357
Pastureland and rangeland fertilizedfarms, 2017	66	152	47	91	82	27	16
.....farms, 2012	45	76	39	99	80	23	26
.....acres treated, 2017	1,980	5,693	2,477	5,314	4,303	562	207
.....acres treated, 2012	1,470	2,963	1,038	7,236	3,476	392	247
Manurefarms, 2017	124	105	51	283	47	89	71
.....farms, 2012	126	79	55	271	33	101	47
.....acres treated, 2017	7,504	3,401	1,277	19,226	1,121	3,055	5,821
.....acres treated, 2012	8,957	2,201	1,386	23,619	1,331	5,304	1,000
Organic fertilizer (see text)farms, 2017	15	10	9	11	2	9	5
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	1,961	216	4,213	409	(D)	1,326	174
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	239	170	134	227	22	180	257
.....farms, 2012	252	123	144	309	40	250	383
.....acres, 2017	78,827	58,573	52,705	72,458	4,073	54,772	104,275
.....acres, 2012	75,472	26,767	40,074	79,993	2,492	85,058	141,282
Weeds, grass, or brushfarms, 2017	472	399	273	426	124	310	485
.....farms, 2012	537	347	286	471	127	327	605
.....acres, 2017	193,910	181,680	135,233	151,778	29,138	145,928	285,579
.....acres, 2012	199,447	126,060	114,253	145,571	22,860	143,439	316,004
Nematodesfarms, 2017	49	48	44	46	4	28	60
.....farms, 2012	22	26	16	46	11	31	91
.....acres, 2017	11,821	23,795	10,704	9,468	332	6,524	30,285
.....acres, 2012	4,286	6,637	4,664	12,247	288	5,772	34,800
Diseases in crops and orchardsfarms, 2017	84	61	32	42	20	63	62
.....farms, 2012	30	27	23	44	14	56	94
.....acres, 2017	30,354	30,805	18,053	14,374	3,973	16,478	30,763
.....acres, 2012	3,152	6,413	3,224	9,289	624	12,477	26,943
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	4	6	-	7	2	7	2
.....farms, 2012	1	3	4	12	1	13	8
.....acres on which used, 2017	256	169	-	50	(D)	382	(D)
.....acres on which used, 2012	(D)	285	424	740	(D)	1,341	1,003
Item	Kendall	Knox	Lake	La Salle	Lawrence	Lee	Livingston
Commercial fertilizer, lime, and soil conditionersfarms, 2017	229	547	92	1,082	253	571	995
.....farms, 2012	271	469	119	1,135	234	604	1,047
.....acres treated, 2017	99,846	278,688	13,796	433,827	164,080	318,651	421,590
.....acres treated, 2012	110,410	228,169	16,968	462,100	132,064	316,523	461,619
Cropland fertilized, except cropland pasturefarms, 2017	228	537	75	1,073	248	557	977
.....farms, 2012	266	457	103	1,126	229	600	1,042
.....acres treated, 2017	99,753	274,574	13,627	432,244	163,477	317,503	421,465
.....acres treated, 2012	110,182	224,628	16,352	461,138	131,740	315,995	460,915
Pastureland and rangeland fertilizedfarms, 2017	6	58	20	44	17	35	20
.....farms, 2012	15	58	20	38	16	29	31
.....acres treated, 2017	93	4,114	169	1,583	603	1,148	125
.....acres treated, 2012	228	3,541	616	962	324	528	704
Manurefarms, 2017	25	158	32	155	57	121	172
.....farms, 2012	43	123	44	142	44	105	152
.....acres treated, 2017	1,423	9,562	1,408	8,476	9,124	6,955	16,854
.....acres treated, 2012	957	7,449	1,714	9,281	5,599	7,983	12,315
Organic fertilizer (see text)farms, 2017	14	9	14	20	2	25	18
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	1,905	1,828	718	1,938	(D)	4,274	3,629
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	104	310	50	611	117	311	501
.....farms, 2012	186	285	85	932	67	481	770
.....acres, 2017	55,567	172,724	5,612	253,766	92,580	169,051	208,209
.....acres, 2012	68,446	130,414	8,836	333,497	44,815	223,120	286,844
Weeds, grass, or brushfarms, 2017	208	536	71	1,023	231	535	939
.....farms, 2012	265	472	117	1,138	221	595	1,066
.....acres, 2017	116,067	313,478	18,652	513,447	193,779	346,682	546,321
.....acres, 2012	118,958	270,925	16,539	542,464	149,172	338,471	591,811
Nematodesfarms, 2017	22	56	7	138	16	91	106
.....farms, 2012	35	36	14	159	6	69	87
.....acres, 2017	8,104	17,154	576	53,723	7,094	33,140	45,860
.....acres, 2012	6,434	7,640	802	52,281	2,226	22,400	33,945
Diseases in crops and orchardsfarms, 2017	40	122	21	182	62	109	200
.....farms, 2012	42	79	26	185	19	115	158
.....acres, 2017	25,476	63,378	189	93,283	58,182	71,252	104,633
.....acres, 2012	8,832	46,119	228	68,018	2,798	70,975	71,672
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	4	2	9	18	1	16	7
.....farms, 2012	12	4	7	12	1	8	2
.....acres on which used, 2017	2,941	(D)	38	3,134	(D)	6,526	1,636
.....acres on which used, 2012	1,822	207	31	2,191	(D)	781	(D)

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

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

Item	Logan	McDonough	McHenry	McLean	Macon	Macoupin	Madison
Commercial fertilizer, lime, and soil conditioners farms, 2017	478	520	394	1,023	420	711	607
..... 2012	512	462	457	1,066	450	697	615
..... acres treated, 2017	262,919	201,800	138,427	471,837	205,514	280,736	236,591
..... 2012	261,851	190,675	175,590	490,604	247,696	295,411	206,243
Cropland fertilized, except cropland pasture farms, 2017	475	505	376	1,002	403	690	578
..... 2012	495	452	438	1,054	448	683	601
..... acres treated, 2017	262,705	197,715	137,254	471,056	205,078	276,614	234,401
..... 2012	261,457	187,571	174,920	489,654	247,590	293,175	204,561
Pastureland and rangeland fertilized farms, 2017	12	67	36	47	25	101	72
..... 2012	26	57	40	43	9	66	64
..... acres treated, 2017	214	4,085	1,173	781	436	4,122	2,190
..... 2012	394	3,104	670	950	106	2,236	1,682
Manure farms, 2017	65	130	161	171	63	183	154
..... 2012	70	77	166	145	23	153	135
..... acres treated, 2017	5,942	7,006	5,662	11,211	1,225	6,332	4,982
..... 2012	3,951	3,004	7,030	5,370	916	9,169	5,084
Organic fertilizer (see text) farms, 2017	6	8	28	18	13	8	12
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	360	5,554	237	3,070	2,569	4,057	352
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	218	315	225	563	183	365	286
..... 2012	351	243	325	842	322	387	313
..... acres, 2017	107,860	101,025	72,198	228,858	75,958	136,611	126,103
..... 2012	143,075	91,750	107,207	323,844	114,484	187,674	102,488
Weeds, grass, or brush farms, 2017	458	506	339	965	397	646	549
..... 2012	505	451	439	1,050	440	689	588
..... acres, 2017	316,252	258,790	170,166	563,995	249,687	321,818	265,183
..... 2012	317,249	229,715	189,115	615,177	302,473	343,762	252,817
Nematodes farms, 2017	55	66	46	150	44	73	53
..... 2012	39	44	52	125	39	62	50
..... acres, 2017	20,091	20,324	12,389	54,103	9,904	21,188	16,013
..... 2012	8,823	14,955	13,851	56,701	14,162	23,318	7,057
Diseases in crops and orchards farms, 2017	63	104	76	209	67	96	83
..... 2012	81	62	82	123	65	61	64
..... acres, 2017	23,998	39,177	28,351	101,996	21,513	36,492	20,409
..... 2012	35,170	18,849	15,470	50,168	24,603	9,163	9,580
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	3	9	5	10	3	9	12
..... 2012	3	5	8	6	3	17	11
..... acres on which used, 2017	(D)	385	129	2,077	59	1,879	212
..... 2012	(D)	24	146	634	(D)	1,796	264
Item	Marion	Marshall	Mason	Massac	Menard	Mercer	Monroe
Commercial fertilizer, lime, and soil conditioners farms, 2017	445	371	340	204	236	417	313
..... 2012	404	320	338	156	224	397	349
..... acres treated, 2017	153,495	149,378	224,131	55,470	108,816	198,566	115,018
..... 2012	142,876	145,970	206,783	43,429	104,259	173,082	118,465
Cropland fertilized, except cropland pasture farms, 2017	410	360	337	174	230	401	283
..... 2012	379	316	335	139	212	393	322
..... acres treated, 2017	150,105	146,503	222,660	53,892	106,513	197,644	112,752
..... 2012	140,397	145,182	206,198	41,922	103,098	171,447	116,858
Pastureland and rangeland fertilized farms, 2017	90	38	36	44	31	35	70
..... 2012	65	18	21	33	33	39	65
..... acres treated, 2017	3,390	2,875	1,471	1,578	2,303	922	2,266
..... 2012	2,479	788	585	1,507	1,161	1,635	1,607
Manure farms, 2017	83	69	31	26	47	111	78
..... 2012	65	56	39	16	45	101	75
..... acres treated, 2017	2,853	2,592	2,085	420	2,265	5,489	3,882
..... 2012	2,289	2,660	878	635	1,033	5,001	2,811
Organic fertilizer (see text) farms, 2017	23	11	5	4	4	7	3
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,597	306	(D)	542	542	851	1,403
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	183	219	192	63	129	227	117
..... 2012	189	232	229	56	138	269	123
..... acres, 2017	92,783	88,380	124,323	33,890	55,464	108,004	36,768
..... 2012	50,640	101,271	112,259	25,846	53,648	102,575	27,961
Weeds, grass, or brush farms, 2017	368	352	317	175	220	395	270
..... 2012	384	317	324	138	211	392	321
..... acres, 2017	164,642	169,898	249,477	79,528	130,213	217,513	130,165
..... 2012	176,328	170,097	234,535	64,798	125,456	191,832	150,904
Nematodes farms, 2017	21	52	66	4	29	45	22
..... 2012	24	47	57	4	22	37	5
..... acres, 2017	5,152	15,546	47,304	136	15,182	16,296	10,785
..... 2012	2,811	17,366	26,291	4,437	2,368	7,919	824
Diseases in crops and orchards farms, 2017	65	76	61	17	43	69	45
..... 2012	29	52	59	22	23	84	27
..... acres, 2017	14,923	52,335	50,109	8,699	18,225	32,059	14,298
..... 2012	7,665	22,376	20,265	8,037	3,794	35,680	4,309
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	1	2	9	1	4	3	-
..... 2012	6	-	15	5	6	1	2
..... acres on which used, 2017	(D)	(D)	2,854	(D)	(D)	1,470	-
..... 2012	509	-	3,368	124	146	(D)	(D)

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

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

Item	Montgomery	Morgan	Moultrie	Ogle	Peoria	Perry	Piatt
Commercial fertilizer, lime, and soil conditionersfarms, 2017	658	472	334	600	580	305	302
.....farms, 2012	618	502	360	709	566	297	326
.....acres treated, 2017	315,318	195,303	152,960	284,097	166,979	103,196	202,743
.....acres treated, 2012	246,934	209,380	153,913	293,954	164,319	107,061	197,320
Cropland fertilized, except cropland pasturefarms, 2017	641	460	308	585	570	279	293
.....farms, 2012	610	490	348	693	556	281	323
.....acres treated, 2017	312,359	193,609	152,635	282,011	165,792	100,429	202,590
.....acres treated, 2012	245,970	207,251	153,523	292,422	163,215	105,062	197,267
Pastureland and rangeland fertilizedfarms, 2017	72	33	47	66	33	62	16
.....farms, 2012	37	44	24	60	38	52	9
.....acres treated, 2017	2,959	1,694	325	2,086	1,187	2,767	153
.....acres treated, 2012	964	2,129	390	1,532	1,104	1,999	53
Manurefarms, 2017	126	68	110	216	125	79	23
.....farms, 2012	104	58	71	224	106	55	26
.....acres treated, 2017	6,387	2,579	4,371	14,799	5,854	1,614	1,180
.....acres treated, 2012	7,917	3,424	1,739	13,343	2,847	1,917	1,284
Organic fertilizer (see text)farms, 2017	4	7	10	17	14	10	3
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	230	559	678	362	3,379	493	(D)
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	270	202	174	292	298	80	149
.....farms, 2012	327	236	200	502	377	93	243
.....acres, 2017	127,047	87,894	66,596	140,183	79,223	31,655	108,994
.....acres, 2012	120,770	78,652	72,581	194,416	108,108	21,098	123,557
Weeds, grass, or brushfarms, 2017	594	443	312	597	525	255	284
.....farms, 2012	615	486	325	706	553	270	327
.....acres, 2017	367,970	241,809	185,243	300,517	188,691	139,110	245,472
.....acres, 2012	306,494	256,971	181,620	314,136	194,871	129,176	244,316
Nematodesfarms, 2017	44	64	49	70	78	18	47
.....farms, 2012	42	39	22	76	61	18	43
.....acres, 2017	18,303	27,876	26,013	24,575	20,158	4,349	30,656
.....acres, 2012	9,439	14,367	4,959	17,405	11,785	2,409	16,015
Diseases in crops and orchardsfarms, 2017	80	52	37	99	102	46	46
.....farms, 2012	51	52	36	93	93	28	43
.....acres, 2017	49,351	19,774	25,028	50,608	30,301	17,510	45,974
.....acres, 2012	5,118	12,144	20,376	32,785	28,454	5,401	24,780
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	4	8	2	7	9	12	10
.....farms, 2012	5	6	1	4	9	1	3
.....acres on which used, 2017	(D)	583	(D)	536	252	866	4,859
.....acres on which used, 2012	1,261	(D)	(D)	940	122	(D)	920

Item	Pike	Pope	Pulaski	Putnam	Randolph	Richland	Rock Island
Commercial fertilizer, lime, and soil conditionersfarms, 2017	556	90	121	113	428	295	363
.....farms, 2012	501	100	83	116	448	264	350
.....acres treated, 2017	234,456	13,272	54,434	37,360	155,052	118,827	104,419
.....acres treated, 2012	215,421	18,511	42,831	40,857	174,532	119,231	95,972
Cropland fertilized, except cropland pasturefarms, 2017	532	70	108	111	403	289	350
.....farms, 2012	482	78	75	116	437	253	334
.....acres treated, 2017	229,223	11,649	52,775	37,330	151,908	118,317	102,499
.....acres treated, 2012	211,450	16,791	42,095	40,715	171,673	118,441	94,967
Pastureland and rangeland fertilizedfarms, 2017	86	29	17	4	75	22	51
.....farms, 2012	66	30	13	4	73	31	38
.....acres treated, 2017	5,233	1,623	1,659	30	3,144	510	1,920
.....acres treated, 2012	3,971	1,720	736	142	2,859	790	1,005
Manurefarms, 2017	91	18	9	14	102	86	117
.....farms, 2012	61	15	5	12	99	52	103
.....acres treated, 2017	11,602	1,872	193	497	3,297	2,786	5,989
.....acres treated, 2012	6,261	884	502	971	5,224	2,003	3,161
Organic fertilizer (see text)farms, 2017	18	1	10	1	3	3	14
.....farms, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	3,181	(D)	347	(D)	(D)	(D)	465
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	244	20	67	67	131	92	172
.....farms, 2012	241	24	39	87	155	87	212
.....acres, 2017	119,569	2,476	26,363	16,975	61,369	39,204	48,180
.....acres, 2012	98,237	7,285	15,395	29,042	39,818	36,891	54,549
Weeds, grass, or brushfarms, 2017	503	80	111	110	390	261	310
.....farms, 2012	511	82	85	113	443	252	349
.....acres, 2017	294,168	15,439	71,588	38,033	180,860	142,280	107,768
.....acres, 2012	260,021	23,616	51,754	46,441	205,639	151,449	102,662
Nematodesfarms, 2017	46	-	2	26	25	20	52
.....farms, 2012	31	5	2	16	19	16	46
.....acres, 2017	13,662	-	(D)	4,739	18,233	3,351	9,462
.....acres, 2012	4,396	683	(D)	3,359	2,884	780	7,663
Diseases in crops and orchardsfarms, 2017	49	8	26	24	52	47	55
.....farms, 2012	33	7	15	13	54	15	40
.....acres, 2017	12,076	1,028	7,988	5,236	16,265	14,651	13,094
.....acres, 2012	10,277	845	6,440	3,483	19,008	2,605	10,830
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	5	-	-	-	9	1	12
.....farms, 2012	9	2	-	1	9	2	6
.....acres on which used, 2017	386	-	-	-	2,328	(D)	2,525
.....acres on which used, 2012	708	(D)	-	(D)	1,441	(D)	65

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

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

Item	St. Clair	Saline	Sangamon	Schuyler	Scott	Shelby	Stark
Commercial fertilizer, lime, and soil conditioners farms, 2017	493	207	616	318	188	744	245
..... 2012	469	205	601	249	214	800	248
..... acres treated, 2017	175,936	93,336	375,773	106,538	81,084	242,214	139,608
..... 2012	166,554	84,286	367,170	83,965	92,770	273,082	130,416
Cropland fertilized, except cropland pasture farms, 2017	482	188	598	304	183	719	244
..... 2012	459	182	586	244	211	773	247
..... acres treated, 2017	175,091	91,185	373,919	104,122	79,362	240,134	139,080
..... 2012	165,462	81,777	363,759	81,403	91,120	271,436	129,580
Pastureland and rangeland fertilized farms, 2017	25	43	39	35	31	76	11
..... 2012	32	45	60	25	37	76	15
..... acres treated, 2017	845	2,151	1,854	2,416	1,722	2,080	528
..... 2012	1,092	2,509	3,411	2,562	1,650	1,646	836
Manure farms, 2017	87	31	81	50	23	173	48
..... 2012	81	32	101	29	20	156	36
..... acres treated, 2017	6,520	2,227	5,014	2,475	686	8,065	2,783
..... 2012	6,818	2,070	3,350	1,381	748	7,350	2,067
Organic fertilizer (see text) farms, 2017	7	6	7	7	4	11	4
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	678	(D)	1,197	157	191	1,293	327
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	186	57	359	142	73	322	146
..... 2012	218	71	389	84	94	385	182
..... acres, 2017	64,097	29,114	204,143	45,980	19,266	117,418	80,859
..... 2012	66,073	29,037	196,981	29,034	34,807	96,161	93,141
Weeds, grass, or brush farms, 2017	416	175	602	293	173	662	235
..... 2012	472	182	603	255	214	781	241
..... acres, 2017	197,727	105,346	476,657	131,406	114,992	297,010	151,608
..... 2012	209,256	97,910	446,295	104,572	114,099	326,524	146,878
Nematodes farms, 2017	23	5	98	35	19	80	33
..... 2012	26	7	66	17	7	53	27
..... acres, 2017	6,448	5,350	26,132	6,290	5,601	25,527	9,304
..... 2012	5,544	431	19,609	7,899	6,051	11,088	6,570
Diseases in crops and orchards farms, 2017	58	20	126	31	16	78	69
..... 2012	46	18	64	11	15	52	43
..... acres, 2017	21,890	6,483	94,017	9,136	11,551	29,828	36,049
..... 2012	7,701	5,710	20,648	1,893	7,011	13,513	27,914
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	6	-	2	9	1	3	1
..... 2012	1	1	5	4	3	7	1
..... acres on which used, 2017	339	-	(D)	424	(D)	92	(D)
..... 2012	(D)	(D)	453	76	82	1,126	(D)
Item	Stephenson	Tazewell	Union	Vermillion	Wabash	Warren	Washington
Commercial fertilizer, lime, and soil conditioners farms, 2017	545	579	250	629	138	487	515
..... 2012	625	582	177	590	127	448	537
..... acres treated, 2017	219,235	229,913	53,681	326,046	74,909	237,357	245,031
..... 2012	261,539	244,531	29,819	299,761	67,225	243,723	256,611
Cropland fertilized, except cropland pasture farms, 2017	517	569	199	604	138	483	509
..... 2012	601	579	142	587	123	447	526
..... acres treated, 2017	217,782	228,946	49,473	325,176	74,716	234,631	244,258
..... 2012	259,417	243,856	27,865	299,250	67,143	242,617	255,052
Pastureland and rangeland fertilized farms, 2017	66	38	80	42	11	39	36
..... 2012	79	26	53	20	10	19	48
..... acres treated, 2017	1,453	967	4,208	870	193	2,726	773
..... 2012	2,122	675	1,954	511	82	1,106	1,559
Manure farms, 2017	261	127	40	105	10	129	134
..... 2012	314	94	34	78	14	81	145
..... acres treated, 2017	26,910	8,263	938	3,530	98	7,479	13,284
..... 2012	34,703	6,101	797	2,942	140	5,082	10,905
Organic fertilizer (see text) farms, 2017	15	18	5	11	1	9	12
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,041	2,134	46	653	(D)	848	4,344
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insects farms, 2017	269	360	84	277	55	265	220
..... 2012	414	466	87	375	40	264	291
..... acres, 2017	91,126	123,589	18,564	166,008	26,997	124,540	135,628
..... 2012	152,950	156,881	10,205	173,065	18,173	128,897	110,107
Weeds, grass, or brush farms, 2017	489	548	191	578	128	469	452
..... 2012	625	584	175	585	130	455	527
..... acres, 2017	237,148	257,076	73,809	416,802	97,888	291,021	291,040
..... 2012	278,973	281,168	45,502	388,053	89,085	296,565	299,945
Nematodes farms, 2017	41	107	14	62	16	49	39
..... 2012	62	64	12	67	2	25	26
..... acres, 2017	9,835	33,887	522	38,145	2,454	12,409	7,040
..... 2012	13,109	19,037	367	35,666	(D)	9,244	10,057
Diseases in crops and orchards farms, 2017	92	102	54	70	26	98	105
..... 2012	68	112	40	80	11	76	91
..... acres, 2017	36,715	42,028	9,931	77,293	9,604	64,251	46,210
..... 2012	25,022	36,535	929	38,400	1,331	36,369	19,686
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	2	5	14	6	1	4	16
..... 2012	15	8	6	5	6	4	9
..... acres on which used, 2017	(D)	492	1,239	2,180	(D)	30	1,404
..... 2012	2,177	1,081	496	(D)	191	210	964

--continued

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

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

Item	Wayne	White	Whiteside	Will	Williamson	Winnebago	Woodford
Commercial fertilizer, lime, and soil conditionersfarms, 2017	523	274	610	456	238	369	604
2012	444	289	713	470	214	385	637
acres treated, 2017	229,046	191,486	292,003	151,932	48,780	129,141	211,368
2012	203,133	199,950	327,426	170,150	40,913	127,619	235,917
Cropland fertilized, except cropland pasturefarms, 2017	493	250	599	437	203	355	591
2012	421	272	708	449	172	364	624
acres treated, 2017	223,756	189,007	291,436	151,608	47,287	128,615	209,945
2012	200,109	197,787	326,791	169,830	39,704	127,068	235,119
Pastureland and rangeland fertilizedfarms, 2017	98	41	34	36	61	41	32
2012	64	39	44	31	58	37	36
acres treated, 2017	5,290	2,479	567	324	1,493	526	1,423
2012	3,024	2,163	635	320	1,209	551	798
Manurefarms, 2017	92	21	183	83	41	149	150
2012	61	12	200	96	30	142	121
acres treated, 2017	6,043	638	14,977	3,406	782	6,529	20,398
2012	2,460	202	19,401	3,302	481	5,902	8,365
Organic fertilizer (see text)farms, 2017	8	1	13	21	8	16	21
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	620	(D)	2,879	2,104	52	2,888	6,731
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--							
Insectsfarms, 2017	190	143	322	163	56	169	323
2012	186	147	537	335	65	246	504
acres, 2017	107,593	128,029	142,782	54,504	11,417	48,156	112,357
2012	89,769	110,347	187,499	96,113	8,392	65,475	168,697
Weeds, grass, or brushfarms, 2017	434	240	584	381	166	333	578
2012	427	263	717	471	172	373	633
acres, 2017	270,484	229,057	302,706	191,841	51,754	143,303	238,693
2012	259,830	238,461	342,087	207,226	49,699	137,853	270,525
Nematodesfarms, 2017	34	21	108	50	24	56	82
2012	30	17	93	48	13	51	95
acres, 2017	15,888	12,415	38,542	19,463	2,105	16,882	33,180
2012	20,583	10,507	27,277	8,455	392	9,473	39,893
Diseases in crops and orchardsfarms, 2017	66	62	110	58	45	58	101
2012	38	22	95	61	27	52	96
acres, 2017	19,027	47,963	52,794	17,588	10,036	12,074	35,461
2012	17,403	12,173	62,622	23,873	541	12,920	33,207
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	14	2	19	7	8	4	8
2012	11	1	12	7	3	5	7
acres on which used, 2017	806	(D)	1,715	418	1,581	(D)	632
2012	272	(D)	3,307	330	19	40	(D)