

Table 41. Fertilizers and Chemicals Applied: 2012 and 2007

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

Item	Missouri	Adair	Andrew	Atchison	Audrain	Barry	Barton
Commercial fertilizer, lime, and soil conditionersfarms, 2012	44,084	303	408	302	638	537	507
.....2007	51,995	380	483	366	660	647	568
.....acres treated, 2012	9,809,442	54,353	78,328	166,411	249,683	60,804	153,571
.....2007	11,615,587	66,446	113,054	205,803	248,272	75,253	176,014
Cropland fertilized, except cropland pasturefarms, 2012	30,826	248	372	281	603	249	373
.....2007	35,193	271	414	337	557	323	403
.....acres treated, 2012	7,672,794	40,749	72,237	159,617	238,987	26,339	125,998
.....2007	8,598,697	45,792	100,654	194,289	227,331	33,873	140,461
Pastureland and rangeland fertilizedfarms, 2012	22,775	118	111	68	148	389	247
.....2007	29,627	180	175	108	277	463	315
.....acres treated, 2012	2,136,648	13,604	6,091	6,794	10,696	34,465	27,573
.....2007	3,016,890	20,654	12,400	11,514	20,941	41,380	35,553
Manurefarms, 2012	8,753	60	57	21	164	212	131
.....2007	10,571	61	64	24	172	282	157
.....acres treated, 2012	648,298	3,746	3,094	6,642	10,664	23,559	17,467
.....2007	711,625	3,064	2,591	639	7,653	39,181	13,462
Acres treated to control--							
Insectsfarms, 2012	10,733	66	145	113	295	72	166
.....2007	9,271	52	119	120	219	87	139
.....acres, 2012	3,454,842	11,193	30,575	79,256	112,110	4,392	52,961
.....2007	2,410,404	9,118	23,784	48,543	68,750	4,406	29,028
Weeds, grass, or brushfarms, 2012	31,847	241	386	303	576	428	406
.....2007	27,265	193	382	321	469	419	354
.....acres, 2012	9,957,304	49,674	99,422	212,606	312,125	42,813	161,227
.....2007	7,835,461	38,752	101,176	215,979	250,425	31,484	137,682
Nematodesfarms, 2012	1,563	17	26	20	38	3	18
.....2007	873	11	17	15	15	2	-
.....acres, 2012	512,511	2,697	4,563	8,531	15,368	(D)	3,445
.....2007	277,377	1,700	1,144	3,058	1,890	(D)	-
Diseases in crops and orchardsfarms, 2012	2,580	9	20	31	58	11	53
.....2007	1,656	15	10	15	22	6	24
.....acres, 2012	703,820	1,172	4,538	13,977	13,123	487	14,813
.....2007	470,445	1,775	1,406	5,011	3,390	214	4,480
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	916	5	9	2	-	8	12
.....2007	912	1	5	1	1	1	-
.....acres on which used, 2012	381,534	250	239	(D)	-	175	568
.....2007	410,712	(D)	(D)	(D)	(D)	(D)	-
Item	Bates	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell
Commercial fertilizer, lime, and soil conditionersfarms, 2012	576	281	442	437	413	290	315
.....2007	713	367	496	484	459	385	365
.....acres treated, 2012	161,478	55,566	64,289	71,125	85,268	134,802	68,903
.....2007	202,433	65,339	79,709	88,761	92,542	175,597	76,512
Cropland fertilized, except cropland pasturefarms, 2012	405	165	264	312	367	221	251
.....2007	465	219	296	331	376	278	269
.....acres treated, 2012	124,916	34,172	38,329	60,085	78,312	129,972	55,096
.....2007	144,221	38,715	46,667	67,715	81,697	169,593	59,502
Pastureland and rangeland fertilizedfarms, 2012	311	182	296	303	120	92	124
.....2007	435	242	345	240	180	134	168
.....acres treated, 2012	36,562	21,394	25,960	11,040	6,956	4,830	13,807
.....2007	58,212	26,624	33,042	21,046	10,845	6,004	17,010
Manurefarms, 2012	99	69	35	84	40	23	28
.....2007	91	91	44	106	71	21	35
.....acres treated, 2012	11,571	9,574	1,655	3,279	1,415	1,086	1,519
.....2007	7,937	6,632	4,186	3,385	1,809	849	1,773
Acres treated to control--							
Insectsfarms, 2012	107	43	84	136	130	162	55
.....2007	118	32	49	117	121	61	62
.....acres, 2012	54,118	6,916	10,797	25,366	26,959	71,340	21,373
.....2007	31,916	5,084	9,141	13,668	27,026	26,514	8,543
Weeds, grass, or brushfarms, 2012	405	177	239	321	367	236	284
.....2007	404	119	171	258	373	235	249
.....acres, 2012	196,516	38,947	37,851	92,860	107,567	136,256	71,306
.....2007	125,736	24,450	31,323	68,699	95,929	128,819	55,492
Nematodesfarms, 2012	9	11	7	21	24	4	-
.....2007	5	-	4	4	18	3	8
.....acres, 2012	5,465	946	509	1,746	5,450	792	-
.....2007	865	-	748	965	1,514	(D)	1,256
Diseases in crops and orchardsfarms, 2012	5	13	21	40	16	90	11
.....2007	8	5	14	33	14	43	8
.....acres, 2012	77	1,203	2,926	1,544	2,968	43,010	2,659
.....2007	565	50	3,410	807	2,054	25,912	2,575
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	6	4	3	14	5	8	4
.....2007	7	1	-	1	6	3	3
.....acres on which used, 2012	489	723	105	372	235	2,484	133
.....2007	130	(D)	-	(D)	128	(D)	5

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Callaway	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar
Commercial fertilizer, lime, and soil conditioners farms, 2012	546	176	579	551	73	563	314
..... 2007	643	218	796	557	88	741	350
..... acres treated, 2012	99,680	15,336	117,113	173,225	10,760	121,941	38,676
..... 2007	109,937	23,414	159,846	166,296	10,353	143,748	49,911
Cropland fertilized, except cropland pasture farms, 2012	360	82	459	503	23	369	147
..... 2007	416	120	580	467	42	464	188
..... acres treated, 2012	78,092	4,851	97,321	161,493	2,727	101,856	18,521
..... 2007	85,055	7,956	127,290	141,904	3,357	110,551	20,897
Pastureland and rangeland fertilized farms, 2012	254	122	315	138	64	273	206
..... 2007	345	160	477	208	67	419	233
..... acres treated, 2012	21,588	10,485	19,792	11,732	8,033	20,085	20,155
..... 2007	24,882	15,458	32,556	24,392	6,996	33,197	29,014
Manure farms, 2012	93	34	140	43	6	101	48
..... 2007	134	37	214	73	18	177	48
..... acres treated, 2012	7,552	1,301	5,894	3,053	(D)	4,276	6,431
..... 2007	6,179	2,276	7,073	4,300	1,728	7,381	2,830
Acres treated to control--							
Insects farms, 2012	86	12	167	213	5	112	35
..... 2007	76	12	131	121	1	87	34
..... acres, 2012	24,445	122	35,328	100,397	16	44,404	2,101
..... 2007	12,793	637	24,181	37,643	(D)	18,155	1,280
Weeds, grass, or brush farms, 2012	357	62	411	517	27	416	193
..... 2007	305	58	452	424	23	347	181
..... acres, 2012	102,459	4,096	102,075	235,969	1,551	137,625	24,738
..... 2007	72,845	3,015	111,377	164,580	1,805	92,031	14,398
Nematodes farms, 2012	15	7	13	41	-	16	3
..... 2007	3	-	12	31	-	3	-
..... acres, 2012	1,866	35	1,272	11,643	-	6,883	(D)
..... 2007	(D)	-	279	3,999	-	(D)	-
Diseases in crops and orchards farms, 2012	29	6	46	34	3	23	9
..... 2007	24	-	35	21	-	16	6
..... acres, 2012	7,749	26	8,420	7,228	4	6,980	162
..... 2007	368	-	10,020	2,191	-	7,263	7
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	8	-	4	1	-	9	1
..... 2007	3	2	12	4	-	7	1
..... acres on which used, 2012	321	-	385	(D)	-	307	(D)
..... 2007	135	(D)	538	135	-	(D)	(D)
Item	Chariton	Christian	Clark	Clay	Clinton	Cole	Cooper
Commercial fertilizer, lime, and soil conditioners farms, 2012	567	417	319	166	245	620	530
..... 2007	628	509	359	262	347	695	542
..... acres treated, 2012	165,843	33,926	95,304	30,797	68,443	53,985	127,661
..... 2007	174,071	45,696	130,402	43,862	100,840	65,696	146,116
Cropland fertilized, except cropland pasture farms, 2012	492	210	273	112	173	376	416
..... 2007	517	286	307	154	232	427	407
..... acres treated, 2012	143,209	15,228	83,062	22,216	58,812	28,171	104,756
..... 2007	147,419	20,609	116,618	31,976	79,483	33,704	113,723
Pastureland and rangeland fertilized farms, 2012	194	295	122	83	116	456	237
..... 2007	255	339	131	127	181	522	316
..... acres treated, 2012	22,634	18,698	12,242	8,581	9,631	25,814	22,905
..... 2007	26,652	25,087	13,784	11,886	21,357	31,992	32,393
Manure farms, 2012	65	100	71	34	33	175	103
..... 2007	98	104	64	48	49	195	71
..... acres treated, 2012	3,505	5,349	2,521	1,444	919	5,968	15,964
..... 2007	3,899	4,771	2,901	1,319	1,410	9,399	6,248
Acres treated to control--							
Insects farms, 2012	187	69	109	45	65	49	162
..... 2007	166	89	98	46	63	77	92
..... acres, 2012	61,985	3,509	30,178	10,439	44,828	4,362	55,806
..... 2007	39,113	5,732	27,586	5,019	24,082	2,928	20,313
Weeds, grass, or brush farms, 2012	496	267	274	139	200	296	426
..... 2007	429	253	217	173	222	268	333
..... acres, 2012	201,336	14,882	96,331	40,410	89,694	22,978	147,158
..... 2007	155,054	13,041	92,775	34,837	84,746	19,373	87,732
Nematodes farms, 2012	35	2	17	8	13	9	26
..... 2007	24	-	5	2	9	5	8
..... acres, 2012	7,783	(D)	2,192	1,007	4,553	1,465	2,764
..... 2007	10,287	-	126	(D)	1,467	318	1,834
Diseases in crops and orchards farms, 2012	29	9	12	16	16	9	35
..... 2007	22	4	4	11	9	7	8
..... acres, 2012	6,099	34	1,928	1,655	5,101	70	9,131
..... 2007	5,798	(D)	197	241	2,764	117	950
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	2	3	2	8	1	6	5
..... 2007	6	5	5	3	2	6	1
..... acres on which used, 2012	(D)	46	(D)	684	(D)	112	(D)
..... 2007	63	134	112	9	(D)	182	(D)

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Crawford	Dade	Dallas	Daviess	DeKalb	Dent	Douglas	
Commercial fertilizer, lime, and soil conditionersfarms, 2012	275	329	436	429	339	250	380	
.....farms, 2007	317	454	560	454	361	294	492	
.....acres treated, 2012	27,965	78,342	42,664	80,762	88,694	30,330	41,055	
.....acres treated, 2007	41,286	104,570	59,216	111,020	87,859	42,394	58,812	
Cropland fertilized, except cropland pasturefarms, 2012	122	186	260	386	266	110	197	
.....farms, 2007	151	219	336	377	269	148	295	
.....acres treated, 2012	7,283	49,714	19,140	71,917	74,556	6,578	12,370	
.....acres treated, 2007	10,124	61,314	25,440	85,047	68,025	11,354	18,371	
Pastureland and rangeland fertilizedfarms, 2012	192	233	287	129	146	182	287	
.....farms, 2007	241	324	393	181	197	223	369	
.....acres treated, 2012	20,682	28,628	23,524	8,845	14,138	23,752	28,685	
.....acres treated, 2007	31,162	43,256	33,776	25,973	19,834	31,040	40,441	
Manurefarms, 2012	28	75	183	81	49	31	52	
.....farms, 2007	50	65	166	79	65	31	76	
.....acres treated, 2012	1,175	18,758	12,263	2,790	3,819	2,197	3,073	
.....acres treated, 2007	2,630	15,728	11,427	5,593	3,640	1,329	4,991	
Acres treated to control--								
Insectsfarms, 2012	29	63	66	156	78	21	30	
.....farms, 2007	17	87	63	94	78	22	27	
.....acres, 2012	1,298	13,998	1,774	32,571	26,300	412	1,940	
.....acres, 2007	807	16,979	2,075	18,127	24,788	435	1,076	
Weeds, grass, or brushfarms, 2012	124	256	202	436	268	97	191	
.....farms, 2007	94	286	134	314	252	79	138	
.....acres, 2012	15,939	67,813	11,294	121,263	103,687	5,941	14,813	
.....acres, 2007	9,455	61,820	8,865	99,938	68,613	4,306	11,494	
Nematodesfarms, 2012	1	11	2	30	13	3	2	
.....farms, 2007	2	1	4	10	2	-	-	
.....acres, 2012	(D)	3,984	(D)	1,489	433	8	(D)	
.....acres, 2007	(D)	(D)	(D)	4,590	(D)	-	(D)	
Diseases in crops and orchardsfarms, 2012	1	25	25	47	11	10	2	
.....farms, 2007	2	5	16	15	12	11	4	
.....acres, 2012	(D)	9,998	162	3,082	290	114	(D)	
.....acres, 2007	(D)	668	46	2,637	646	68	8	
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	5	4	5	2	1	3	
.....farms, 2007	2	1	4	9	-	1	3	
.....acres on which used, 2012	90	(D)	(D)	129	(D)	(D)	(D)	
.....acres on which used, 2007	(D)	(D)	(D)	534	-	(D)	(D)	
Item	Dunklin	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
Commercial fertilizer, lime, and soil conditionersfarms, 2012	235	908	470	276	545	243	368	446
.....farms, 2007	332	1,085	487	345	770	318	418	558
.....acres treated, 2012	209,225	96,462	53,670	66,578	49,238	53,003	111,701	117,551
.....acres treated, 2007	263,169	106,101	65,050	87,079	64,570	86,653	119,517	130,698
Cropland fertilized, except cropland pasturefarms, 2012	229	558	282	229	288	204	307	309
.....farms, 2007	317	711	305	248	446	234	313	324
.....acres treated, 2012	208,843	65,286	25,613	52,674	21,136	43,785	97,090	83,394
.....acres treated, 2007	262,071	68,000	31,151	61,803	30,411	72,610	96,682	77,485
Pastureland and rangeland fertilizedfarms, 2012	11	629	321	109	360	98	115	237
.....farms, 2007	27	697	346	199	505	153	178	369
.....acres treated, 2012	382	31,176	28,057	13,904	28,102	9,218	14,611	34,157
.....acres treated, 2007	1,098	38,101	33,899	25,276	34,159	14,043	22,835	53,213
Manurefarms, 2012	4	285	108	51	131	50	44	67
.....farms, 2007	10	316	137	51	162	51	54	106
.....acres treated, 2012	(D)	9,473	3,187	4,212	9,880	2,832	2,584	7,426
.....acres treated, 2007	569	9,313	6,368	4,144	6,351	2,871	4,903	6,027
Acres treated to control--								
Insectsfarms, 2012	182	115	65	62	102	64	79	73
.....farms, 2007	250	98	52	68	117	66	62	61
.....acres, 2012	148,401	13,136	3,258	20,229	6,557	15,633	51,736	17,286
.....acres, 2007	200,812	7,033	4,655	16,794	6,993	22,200	32,154	6,844
Weeds, grass, or brushfarms, 2012	248	509	252	251	376	207	338	342
.....farms, 2007	270	425	199	196	388	183	243	275
.....acres, 2012	237,655	65,140	21,788	83,421	29,804	74,687	147,856	133,419
.....acres, 2007	238,702	49,008	19,980	51,561	18,858	67,502	90,533	71,016
Nematodesfarms, 2012	71	21	5	12	6	20	7	7
.....farms, 2007	70	13	5	5	2	5	4	5
.....acres, 2012	69,282	2,380	150	2,518	127	2,656	2,220	1,308
.....acres, 2007	51,880	873	(D)	4,133	(D)	(D)	(D)	150
Diseases in crops and orchardsfarms, 2012	86	38	25	13	17	26	24	25
.....farms, 2007	63	20	18	13	11	18	11	10
.....acres, 2012	57,092	2,122	213	3,482	257	7,502	5,973	3,993
.....acres, 2007	46,005	556	667	1,708	177	2,739	1,616	369
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	105	12	8	1	12	3	3	1
.....farms, 2007	170	17	7	3	12	2	1	7
.....acres on which used, 2012	109,851	699	96	(D)	382	(D)	126	(D)
.....acres on which used, 2007	143,720	407	165	(D)	131	(D)	(D)	267

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper	Jefferson
Commercial fertilizer, lime, and soil conditioners farms, 2012	185	278	329	711	89	219	545	225
..... 2007	236	313	403	872	124	304	600	296
..... acres treated, 2012	34,395	114,474	80,628	84,010	8,615	35,130	86,827	22,501
..... 2007	41,728	153,418	103,160	112,786	12,663	59,469	107,955	25,275
Cropland fertilized, except cropland pasture farms, 2012	92	262	279	309	48	164	339	139
..... 2007	138	295	319	390	65	237	357	210
..... acres treated, 2012	13,003	111,226	70,910	18,681	3,329	31,741	59,264	15,584
..... 2007	17,281	147,831	88,211	23,123	4,225	52,684	65,176	16,298
Pastureland and rangeland fertilized farms, 2012	132	48	101	555	60	85	319	131
..... 2007	169	73	158	664	96	105	386	162
..... acres treated, 2012	21,392	3,248	9,718	65,329	5,286	3,389	27,563	6,917
..... 2007	24,447	5,587	14,949	89,663	8,438	6,785	42,779	8,977
Manure farms, 2012	38	7	22	105	12	54	142	70
..... 2007	40	23	24	106	16	71	152	94
..... acres treated, 2012	6,466	473	976	8,537	1,263	781	15,212	1,944
..... 2007	2,290	836	622	11,521	563	1,756	15,569	2,672
Acres treated to control--								
Insects farms, 2012	11	138	101	144	4	75	97	49
..... 2007	19	108	110	76	2	62	73	59
..... acres, 2012	636	57,224	36,250	9,518	31	15,901	14,025	2,030
..... 2007	1,003	57,754	31,702	2,087	(D)	8,110	7,644	3,038
Weeds, grass, or brush farms, 2012	93	292	304	339	24	206	411	127
..... 2007	95	287	270	273	23	179	345	132
..... acres, 2012	19,681	150,303	84,833	23,937	1,914	56,857	80,125	16,212
..... 2007	8,117	146,331	92,309	18,392	722	55,354	63,986	11,621
Nematodes farms, 2012	-	37	8	2	-	9	3	5
..... 2007	2	13	18	5	-	8	2	6
..... acres, 2012	-	10,048	3,484	(D)	-	2,574	90	21
..... 2007	(D)	9,409	3,782	26	-	833	(D)	266
Diseases in crops and orchards farms, 2012	1	34	20	5	2	25	13	14
..... 2007	3	16	16	12	4	19	17	8
..... acres, 2012	(D)	17,439	5,149	11	(D)	4,489	2,627	199
..... 2007	9	14,602	1,007	28	5	847	621	238
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	3	5	6	6	-	8	2	4
..... 2007	-	-	9	5	1	9	14	9
..... acres on which used, 2012	38	444	436	103	-	2,159	(D)	40
..... 2007	-	-	79	86	(D)	143	504	189
Item	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis	Lincoln	Linn
Commercial fertilizer, lime, and soil conditioners farms, 2012	633	356	518	676	739	372	623	446
..... 2007	900	341	612	806	905	394	599	474
..... acres treated, 2012	136,542	113,014	66,859	180,955	89,695	129,059	130,938	104,865
..... 2007	177,915	105,652	76,806	200,036	127,380	131,903	121,385	108,960
Cropland fertilized, except cropland pasture farms, 2012	406	304	317	589	385	328	515	358
..... 2007	561	283	368	666	489	342	481	319
..... acres treated, 2012	96,796	100,579	32,823	164,960	41,595	120,030	118,561	87,388
..... 2007	118,957	88,407	31,994	174,992	56,693	114,965	106,746	75,100
Pastureland and rangeland fertilized farms, 2012	368	119	363	250	529	113	210	161
..... 2007	561	158	422	385	668	149	244	260
..... acres treated, 2012	39,746	12,435	34,036	15,995	48,100	9,029	12,377	17,477
..... 2007	58,958	17,245	44,812	25,044	70,687	16,938	14,639	33,860
Manure farms, 2012	122	65	109	125	252	61	106	103
..... 2007	226	70	101	188	288	87	108	117
..... acres treated, 2012	9,087	5,093	9,696	7,416	22,609	2,000	3,632	5,967
..... 2007	13,148	4,546	6,075	13,857	26,965	3,925	3,206	5,929
Acres treated to control--								
Insects farms, 2012	105	100	69	260	131	83	197	147
..... 2007	110	84	63	220	153	94	127	53
..... acres, 2012	22,150	34,740	3,375	73,843	15,439	41,092	50,682	30,864
..... 2007	22,203	23,509	3,931	42,722	8,191	25,198	22,176	7,503
Weeds, grass, or brush farms, 2012	465	309	224	611	496	327	549	360
..... 2007	452	225	148	569	408	254	340	263
..... acres, 2012	127,121	132,734	20,454	202,696	58,620	157,309	154,925	104,604
..... 2007	96,603	80,905	9,493	179,263	36,440	102,772	97,131	67,965
Nematodes farms, 2012	14	14	6	47	7	21	31	18
..... 2007	13	17	-	27	4	12	19	9
..... acres, 2012	4,164	5,785	259	6,106	692	6,320	5,769	3,889
..... 2007	4,142	7,876	-	3,752	162	2,027	1,786	2,431
Diseases in crops and orchards farms, 2012	27	19	10	45	33	6	20	30
..... 2007	28	10	8	40	22	7	12	5
..... acres, 2012	3,173	1,151	143	10,327	3,803	(D)	4,016	3,010
..... 2007	1,025	1,370	161	4,621	858	720	814	729
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	3	1	20	7	6	5	6	1
..... 2007	12	-	4	9	10	3	12	-
..... acres on which used, 2012	41	(D)	11,535	893	87	17	871	(D)
..... 2007	289	-	14	2,860	151	1,800	1,543	-

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Livingston	McDonald	Macon	Madison	Maries	Marion	Mercer	Miller
Commercial fertilizer, lime, and soil conditionersfarms, 2012	395	250	476	160	460	371	180	479
.....farms, 2007	430	328	578	173	553	391	188	506
.....acres treated, 2012	106,076	23,264	111,426	24,389	69,454	107,611	46,073	53,981
.....acres treated, 2007	106,965	34,345	125,047	20,934	84,357	121,973	48,642	62,909
Cropland fertilized, except cropland pasturefarms, 2012	343	95	381	70	243	340	143	245
.....farms, 2007	352	148	404	90	283	340	142	279
.....acres treated, 2012	96,515	6,027	88,242	5,435	21,900	102,535	36,095	18,207
.....acres treated, 2007	92,234	10,306	88,239	7,252	26,030	110,214	33,876	21,911
Pastureland and rangeland fertilizedfarms, 2012	133	185	179	123	380	98	74	396
.....farms, 2007	145	231	301	135	449	166	89	397
.....acres treated, 2012	9,561	17,237	23,184	18,954	47,554	5,076	9,978	35,774
.....acres treated, 2007	14,731	24,039	36,808	13,682	58,327	11,759	14,766	40,998
Manurefarms, 2012	47	112	87	12	79	61	32	133
.....farms, 2007	53	147	139	25	91	95	32	165
.....acres treated, 2012	1,287	14,921	4,673	1,627	5,105	3,200	2,923	10,267
.....acres treated, 2007	1,880	21,812	8,574	1,754	4,573	3,205	5,583	10,934
Acres treated to control--								
Insectsfarms, 2012	123	37	125	10	28	102	25	23
.....farms, 2007	62	30	86	11	31	100	38	42
.....acres, 2012	40,934	1,174	38,935	464	2,677	43,423	11,285	823
.....acres, 2007	17,156	1,221	14,911	238	864	31,184	11,103	3,283
Weeds, grass, or brushfarms, 2012	387	238	380	61	167	333	143	196
.....farms, 2007	299	227	298	43	159	283	116	195
.....acres, 2012	134,369	34,587	110,097	3,287	16,218	125,546	62,310	21,109
.....acres, 2007	117,745	24,571	84,670	2,142	7,532	115,306	33,711	13,676
Nematodesfarms, 2012	31	5	32	-	3	18	4	3
.....farms, 2007	6	-	5	-	-	9	2	5
.....acres, 2012	6,391	103	7,863	-	(D)	6,477	166	51
.....acres, 2007	2,283	-	990	-	-	1,951	(D)	224
Diseases in crops and orchardsfarms, 2012	25	8	15	1	9	20	6	13
.....farms, 2007	10	4	9	2	4	17	1	5
.....acres, 2012	3,323	81	2,257	(D)	232	4,266	554	610
.....acres, 2007	688	273	859	(D)	(D)	2,266	(D)	415
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	4	7	5	5	1	7	2
.....farms, 2007	3	6	4	-	4	2	1	1
.....acres on which used, 2012	3,440	115	886	93	(D)	(D)	472	(D)
.....acres on which used, 2007	(D)	353	(D)	-	203	(D)	(D)	(D)
Item	Mississippi	Moniteau	Monroe	Montgomery	Morgan	New Madrid	Newton	Nodaway
Commercial fertilizer, lime, and soil conditionersfarms, 2012	158	621	454	465	424	258	567	715
.....farms, 2007	184	670	455	484	503	303	650	917
.....acres treated, 2012	124,830	78,418	151,886	142,614	56,202	246,421	66,932	209,509
.....acres treated, 2007	179,403	101,285	127,772	131,404	73,630	295,113	76,751	271,789
Cropland fertilized, except cropland pasturefarms, 2012	156	380	372	391	301	257	239	595
.....farms, 2007	177	372	351	370	306	300	317	752
.....acres treated, 2012	124,744	40,548	138,679	128,269	34,434	(D)	30,326	175,392
.....acres treated, 2007	178,262	49,005	106,371	113,365	35,236	294,742	35,439	212,490
Pastureland and rangeland fertilizedfarms, 2012	3	424	178	182	249	1	439	334
.....farms, 2007	15	492	211	211	324	4	463	515
.....acres treated, 2012	86	37,870	13,207	14,345	21,768	(D)	36,606	34,117
.....acres treated, 2007	1,141	52,280	21,401	18,039	38,394	371	41,312	59,299
Manurefarms, 2012	4	196	83	76	232	5	232	83
.....farms, 2007	2	216	102	73	280	5	202	122
.....acres treated, 2012	(D)	13,073	4,367	2,182	20,563	990	21,897	2,856
.....acres treated, 2007	(D)	15,611	5,166	3,935	27,486	630	24,302	4,940
Acres treated to control--								
Insectsfarms, 2012	100	88	161	146	77	193	82	231
.....farms, 2007	111	100	100	114	72	223	81	171
.....acres, 2012	101,175	11,753	75,063	49,235	4,411	158,427	9,480	78,929
.....acres, 2007	115,606	10,747	28,867	29,074	3,649	175,060	15,686	35,693
Weeds, grass, or brushfarms, 2012	169	358	394	404	277	264	411	630
.....farms, 2007	140	302	274	316	185	230	372	721
.....acres, 2012	209,889	44,944	179,014	162,194	27,961	292,898	53,278	219,278
.....acres, 2007	178,131	43,958	97,851	104,474	23,677	270,754	39,780	237,677
Nematodesfarms, 2012	40	11	18	12	11	62	11	33
.....farms, 2007	25	1	22	-	1	28	3	9
.....acres, 2012	31,736	1,586	3,225	4,661	107	40,512	2,244	7,504
.....acres, 2007	23,824	(D)	2,695	-	(D)	14,548	(D)	959
Diseases in crops and orchardsfarms, 2012	56	24	32	15	27	72	19	32
.....farms, 2007	55	16	17	9	12	63	12	22
.....acres, 2012	43,739	2,892	2,852	4,908	1,534	42,778	2,296	9,014
.....acres, 2007	63,079	169	1,691	293	48	61,707	593	8,140
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	7	9	2	5	126	3	6
.....farms, 2007	5	-	3	-	3	129	8	8
.....acres on which used, 2012	1,363	179	150	(D)	68	83,087	8	(D)
.....acres on which used, 2007	487	-	(D)	-	98	86,193	145	1,467

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Oregon	Osage	Ozark	Pemiscot	Perry	Pettis	Phelps	Pike
Commercial fertilizer, lime, and soil conditioners farms, 2012	368	702	276	139	555	602	273	537
..... 2007	383	791	352	188	600	722	340	581
..... acres treated, 2012	48,687	93,368	44,977	199,266	88,809	164,140	26,923	157,678
..... 2007	62,130	96,825	54,688	228,604	105,687	175,781	38,948	192,852
Cropland fertilized, except cropland pasture farms, 2012	142	419	145	139	426	477	124	479
..... 2007	177	478	194	182	418	513	161	489
..... acres treated, 2012	8,869	35,137	8,970	199,266	70,156	139,509	5,370	140,145
..... 2007	13,544	36,269	13,052	227,784	80,199	132,550	11,009	166,312
Pastureland and rangeland fertilized farms, 2012	301	541	204	-	321	278	212	176
..... 2007	313	635	265	7	368	396	255	234
..... acres treated, 2012	39,818	58,231	36,007	-	18,653	24,631	21,553	17,533
..... 2007	48,586	60,556	41,636	820	25,488	43,231	27,939	26,540
Manure farms, 2012	31	198	27	3	86	163	27	92
..... 2007	30	269	34	3	144	215	52	111
..... acres treated, 2012	2,188	15,530	2,713	(D)	1,951	22,740	944	4,450
..... 2007	1,394	18,586	3,122	(D)	4,451	24,374	2,049	5,795
Acres treated to control--								
Insects farms, 2012	91	81	47	116	173	184	18	153
..... 2007	41	83	33	152	154	134	22	176
..... acres, 2012	10,237	11,645	7,847	112,519	33,267	58,628	294	59,684
..... 2007	1,201	6,021	2,341	133,306	17,243	32,465	977	46,668
Weeds, grass, or brush farms, 2012	211	353	178	179	409	491	86	455
..... 2007	168	293	148	172	373	391	89	348
..... acres, 2012	18,630	38,720	20,911	235,761	84,522	176,405	5,108	164,645
..... 2007	14,007	24,531	13,853	226,472	63,714	122,005	5,180	146,548
Nematodes farms, 2012	-	9	-	43	10	24	3	18
..... 2007	-	6	-	14	18	14	-	10
..... acres, 2012	-	1,957	-	37,509	496	3,139	15	2,750
..... 2007	-	160	-	12,947	2,981	1,745	-	1,401
Diseases in crops and orchards farms, 2012	1	18	6	58	45	32	9	29
..... 2007	8	5	7	39	32	16	10	22
..... acres, 2012	(D)	3,530	9	55,303	4,580	4,515	51	4,366
..... 2007	25	15	26	48,458	2,660	1,913	99	1,570
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	-	11	1	66	2	6	6	6
..... 2007	1	7	2	91	5	2	-	1
..... acres on which used, 2012	-	2,021	(D)	60,078	(D)	74	103	135
..... 2007	(D)	188	(D)	82,899	28	(D)	-	(D)
Item	Platte	Polk	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds
Commercial fertilizer, lime, and soil conditioners farms, 2012	235	634	224	270	309	290	432	130
..... 2007	353	817	207	306	351	372	552	137
..... acres treated, 2012	52,749	76,482	22,584	52,755	131,482	54,072	88,370	11,002
..... 2007	94,981	101,239	22,511	62,707	111,983	63,111	98,726	13,728
Cropland fertilized, except cropland pasture farms, 2012	187	367	106	207	287	218	325	69
..... 2007	270	502	94	212	288	269	348	67
..... acres treated, 2012	46,974	34,528	5,950	33,885	123,004	44,786	76,255	3,940
..... 2007	84,950	44,289	6,242	38,301	101,404	47,658	74,987	3,850
Pastureland and rangeland fertilized farms, 2012	88	427	160	121	78	127	165	85
..... 2007	140	552	163	152	133	172	293	96
..... acres treated, 2012	5,775	41,954	16,634	18,870	8,478	9,286	12,115	7,062
..... 2007	10,031	56,950	16,269	24,406	10,579	15,453	23,739	9,878
Manure farms, 2012	33	214	14	30	38	44	45	16
..... 2007	52	186	12	59	82	70	91	16
..... acres treated, 2012	1,102	17,162	843	3,758	2,902	1,100	1,925	746
..... 2007	1,736	11,631	405	4,622	3,442	2,442	3,690	1,287
Acres treated to control--								
Insects farms, 2012	93	96	22	46	120	72	126	6
..... 2007	106	100	9	42	90	56	85	8
..... acres, 2012	25,341	4,196	1,016	10,202	37,935	14,446	44,403	88
..... 2007	17,585	4,843	(D)	5,901	26,739	8,193	12,438	49
Weeds, grass, or brush farms, 2012	240	380	79	174	281	211	380	25
..... 2007	240	321	51	123	227	207	297	28
..... acres, 2012	77,885	34,084	4,804	55,624	156,602	59,589	117,774	814
..... 2007	75,964	22,875	1,863	24,090	101,546	43,155	86,588	754
Nematodes farms, 2012	14	3	3	6	11	14	20	-
..... 2007	3	1	-	4	15	10	8	2
..... acres, 2012	2,335	14	335	2,140	2,291	658	2,761	-
..... 2007	(D)	(D)	-	1,123	6,312	859	443	(D)
Diseases in crops and orchards farms, 2012	30	15	1	3	18	25	37	-
..... 2007	18	5	2	5	11	14	13	4
..... acres, 2012	8,836	494	(D)	(D)	1,724	658	8,704	-
..... 2007	2,987	41	(D)	1,423	546	1,081	1,565	14
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	17	9	2	-	4	5	2	1
..... 2007	22	7	-	-	2	2	1	1
..... acres on which used, 2012	639	314	(D)	-	92	133	(D)	(D)
..... 2007	525	120	-	-	(D)	(D)	(D)	(D)

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Ripley	St. Charles	St. Clair	Ste. Genevieve	St. Francois	St. Louis	Saline	Schuyler
Commercial fertilizer, lime, and soil conditionersfarms, 2012	169	350	293	302	234	84	625	183
.....farms, 2007	221	403	429	393	291	117	638	201
.....acres treated, 2012	25,301	74,461	73,735	51,093	17,606	8,110	239,356	41,149
.....acres treated, 2007	36,199	84,602	100,120	66,364	28,093	10,647	236,806	32,751
Cropland fertilized, except cropland pasturefarms, 2012	71	318	163	201	112	65	577	138
.....farms, 2007	98	353	253	270	155	102	551	142
.....acres treated, 2012	13,404	71,431	48,566	35,398	8,045	(D)	226,684	32,111
.....acres treated, 2007	15,958	81,228	61,192	41,299	11,503	10,220	217,934	19,640
Pastureland and rangeland fertilizedfarms, 2012	120	90	180	191	167	22	154	77
.....farms, 2007	154	118	290	276	209	24	210	109
.....acres treated, 2012	11,897	3,030	25,169	15,695	9,561	(D)	12,672	9,038
.....acres treated, 2007	20,241	3,374	38,928	25,065	16,590	427	18,872	13,111
Manurefarms, 2012	11	60	42	63	59	3	55	36
.....farms, 2007	24	83	55	90	71	20	85	42
.....acres treated, 2012	656	2,833	3,979	2,981	1,451	21	11,507	1,528
.....acres treated, 2007	1,985	3,211	4,110	4,666	2,916	342	6,081	2,298
Acres treated to control--								
Insectsfarms, 2012	36	174	37	75	37	40	305	34
.....farms, 2007	15	149	41	63	33	39	234	34
.....acres, 2012	8,589	40,117	3,934	16,264	1,523	4,609	146,630	9,992
.....acres, 2007	991	28,278	4,178	6,663	475	4,645	76,451	4,431
Weeds, grass, or brushfarms, 2012	91	307	201	173	100	74	605	140
.....farms, 2007	83	285	201	189	77	64	496	93
.....acres, 2012	19,845	101,539	54,639	34,655	6,897	11,264	308,851	38,162
.....acres, 2007	12,789	86,802	31,908	29,202	5,183	9,121	221,231	13,324
Nematodesfarms, 2012	6	13	1	5	3	3	41	8
.....farms, 2007	3	12	6	2	1	4	27	3
.....acres, 2012	639	1,118	(D)	500	66	6	18,309	4,042
.....acres, 2007	100	1,180	561	(D)	(D)	(D)	4,596	155
Diseases in crops and orchardsfarms, 2012	14	28	7	11	10	14	54	4
.....farms, 2007	6	22	5	12	6	12	29	6
.....acres, 2012	3,947	921	(D)	672	71	1,335	16,398	(D)
.....acres, 2007	1,328	224	566	635	31	1,359	5,493	299
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	3	6	5	2	4	3	18	1
.....farms, 2007	1	2	-	5	1	4	-	6
.....acres on which used, 2012	29	205	110	(D)	14	9	1,767	(D)
.....acres on which used, 2007	(D)	(D)	-	223	(D)	20	-	171
Item	Scotland	Scott	Shannon	Shelby	Stoddard	Stone	Sullivan	Taney
Commercial fertilizer, lime, and soil conditionersfarms, 2012	325	258	173	413	467	197	249	95
.....farms, 2007	348	331	235	382	524	303	335	141
.....acres treated, 2012	83,429	133,893	21,293	134,006	285,282	17,542	57,861	10,082
.....acres treated, 2007	87,763	174,001	32,365	151,867	343,584	24,775	62,019	17,408
Cropland fertilized, except cropland pasturefarms, 2012	297	213	72	364	387	106	174	50
.....farms, 2007	286	287	111	313	428	139	231	62
.....acres treated, 2012	73,404	129,984	5,169	121,936	279,637	8,798	41,637	3,064
.....acres treated, 2007	74,089	169,103	7,683	135,075	337,242	8,087	38,392	6,021
Pastureland and rangeland fertilizedfarms, 2012	116	70	135	154	113	133	120	61
.....farms, 2007	147	90	190	169	131	224	177	105
.....acres treated, 2012	10,025	3,909	16,124	12,070	5,645	8,744	16,224	7,018
.....acres treated, 2007	13,674	4,898	24,682	16,792	6,342	16,688	23,627	11,387
Manurefarms, 2012	102	39	14	87	45	64	36	30
.....farms, 2007	91	38	15	73	37	87	77	16
.....acres treated, 2012	9,616	5,510	1,605	4,164	3,691	7,071	4,728	1,959
.....acres treated, 2007	8,028	6,886	713	5,397	6,271	6,159	11,165	1,225
Acres treated to control--								
Insectsfarms, 2012	86	151	9	153	246	47	39	9
.....farms, 2007	84	121	8	102	192	37	43	6
.....acres, 2012	31,137	102,657	248	66,982	184,963	5,396	11,495	200
.....acres, 2007	19,543	61,856	124	37,617	142,061	3,347	9,226	133
Weeds, grass, or brushfarms, 2012	277	239	56	367	408	184	181	93
.....farms, 2007	223	243	36	268	336	186	157	64
.....acres, 2012	90,109	164,058	3,460	165,191	317,118	17,678	55,550	9,619
.....acres, 2007	77,384	140,154	2,235	126,917	255,280	13,603	31,043	4,211
Nematodesfarms, 2012	17	36	1	33	33	2	13	1
.....farms, 2007	10	24	-	16	29	5	9	-
.....acres, 2012	5,009	23,260	(D)	10,272	39,048	(D)	4,499	(D)
.....acres, 2007	1,500	9,704	-	10,964	21,507	15	1,135	-
Diseases in crops and orchardsfarms, 2012	21	71	1	32	121	11	6	2
.....farms, 2007	7	46	1	13	103	7	4	5
.....acres, 2012	4,490	52,780	(D)	9,613	73,618	59	999	(D)
.....acres, 2007	1,533	18,814	(D)	6,267	60,089	24	527	5
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	1	10	3	2	77	1	1	-
.....farms, 2007	4	18	1	12	74	-	3	5
.....acres on which used, 2012	(D)	5,518	(D)	(D)	70,445	(D)	(D)	-
.....acres on which used, 2007	191	5,233	(D)	1,008	66,413	-	88	138

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Table 41. Fertilizers and Chemicals Applied: 2012 and 2007 (continued)

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

Item	Texas	Vernon	Warren	Washington	Wayne	Webster	Worth	Wright
Commercial fertilizer, lime, and soil conditioners farms, 2012	552	597	310	203	174	742	148	544
..... 2007	676	646	372	260	169	893	177	613
..... acres treated, 2012	74,657	144,002	59,886	17,629	18,772	66,072	29,753	69,024
..... 2007	105,895	185,890	65,506	21,880	20,921	82,924	40,432	85,547
Cropland fertilized, except cropland pasture farms, 2012	291	389	261	77	71	446	122	320
..... 2007	379	394	296	136	78	615	135	375
..... acres treated, 2012	20,895	102,872	52,570	4,180	6,194	30,269	23,629	23,801
..... 2007	29,157	121,426	53,273	6,552	8,731	38,736	26,675	28,486
Pastureland and rangeland fertilized farms, 2012	403	334	130	156	133	474	55	379
..... 2007	525	405	184	195	128	598	88	455
..... acres treated, 2012	53,762	41,130	7,316	13,449	12,578	35,803	6,124	45,223
..... 2007	76,738	64,464	12,233	15,328	12,190	44,188	13,757	57,061
Manure farms, 2012	70	151	79	46	39	285	19	82
..... 2007	94	115	115	38	34	280	22	115
..... acres treated, 2012	7,137	16,093	1,921	1,477	1,403	11,869	568	6,597
..... 2007	6,584	12,675	3,477	1,572	10,966	11,350	1,790	7,712
Acres treated to control--								
Insects farms, 2012	34	164	84	17	15	94	18	48
..... 2007	23	140	76	11	19	86	34	54
..... acres, 2012	909	45,453	9,548	693	2,206	3,167	9,251	1,938
..... 2007	8,534	18,938	8,343	191	532	3,388	2,728	3,300
Weeds, grass, or brush farms, 2012	252	432	252	42	57	305	142	241
..... 2007	191	265	214	47	58	227	121	154
..... acres, 2012	20,271	145,446	60,453	3,782	5,862	16,410	32,572	17,699
..... 2007	20,107	95,640	50,358	3,006	7,808	10,322	19,348	7,075
Nematodes farms, 2012	3	8	6	3	1	11	5	2
..... 2007	-	1	11	-	-	-	2	-
..... acres, 2012	(D)	5,406	1,093	(D)	(D)	120	1,969	(D)
..... 2007	-	(D)	2,332	-	-	-	(D)	-
Diseases in crops and orchards farms, 2012	8	62	30	8	4	12	1	14
..... 2007	1	24	17	1	2	7	3	8
..... acres, 2012	95	6,153	2,378	(D)	(D)	92	(D)	312
..... 2007	(D)	2,493	426	(D)	(D)	22	84	134
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	2	27	4	-	4	8	2	6
..... 2007	3	13	2	2	3	1	2	6
..... acres on which used, 2012	(D)	3,492	(D)	-	32	99	(D)	168
..... 2007	(D)	2,979	(D)	(D)	(D)	(D)	(D)	46