

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Missouri	Adair	Andrew	Atchison	Audrain	Barry	Barton
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	51,995	380	483	366	660	647	568
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	11,615,587	66,446	113,054	205,803	248,272	75,253	176,014
..... 2002	10,772,234	56,300	95,605	167,532	217,004	79,238	172,920
Cropland fertilized, except cropland pastured farms, 2007	35,193	271	414	337	557	323	403
..... 2002	42,172	322	419	341	653	444	473
..... acres treated, 2007	8,598,697	45,792	100,654	194,289	227,331	33,873	140,461
..... 2002	7,665,904	37,736	87,825	159,609	196,228	30,663	133,131
Pastureland and rangeland fertilized farms, 2007	29,627	180	175	108	277	463	315
..... 2002	33,960	217	182	94	283	580	355
..... acres treated, 2007	3,016,890	20,654	12,400	11,514	20,941	41,380	35,553
..... 2002	3,106,330	18,564	7,780	7,923	20,776	48,575	39,789
Manure ¹ farms, 2007	10,571	61	64	24	172	282	157
..... 2002	11,476	60	81	18	229	371	223
..... acres treated, 2007	711,625	3,064	2,591	639	7,653	39,181	13,462
..... 2002	650,193	2,030	2,776	666	10,164	45,415	13,715
Chemicals used to control- ¹							
Insects farms, 2007	9,271	52	119	120	219	87	139
..... 2002	9,503	29	136	128	157	34	101
..... acres treated, 2007	2,410,404	9,118	23,784	48,543	68,750	4,406	29,028
..... 2002	1,723,042	2,940	14,319	49,923	35,052	965	20,710
Weeds, grass, or brush farms, 2007	27,265	193	382	321	469	419	354
..... 2002	26,014	180	346	291	458	318	366
..... acres treated, 2007	7,835,461	38,752	101,176	215,979	250,425	31,484	137,682
..... 2002	6,442,157	39,361	92,812	148,516	171,139	22,717	102,625
Nematodes farms, 2007	873	11	17	15	15	2	-
..... 2002	711	30	30	12	13	15	16
..... acres treated, 2007	277,377	1,700	1,144	3,058	1,890	(D)	-
..... 2002	154,950	240	4,608	2,400	2,577	15	4,355
Diseases in crops and orchards farms, 2007	1,656	15	10	15	22	6	24
..... 2002	1,028	-	2	9	1	2	14
..... acres treated, 2007	470,445	1,775	1,406	5,011	3,390	214	4,480
..... 2002	71,721	-	(D)	598	(D)	(D)	4,218
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	912	1	5	1	1	1	-
..... 2002	694	-	1	8	12	-	-
..... acres treated, 2007	410,712	(D)	(D)	(D)	(D)	(D)	-
..... 2002	291,349	-	(D)	80	810	-	-
Item	Bates	Benton	Bollinger	Boone	Buchanan	Butler	Caldwell
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	713	367	496	484	459	385	365
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	202,433	65,339	79,709	88,761	92,542	175,597	76,512
..... 2002	175,924	74,225	75,299	72,660	82,342	160,739	48,044
Cropland fertilized, except cropland pastured farms, 2007	465	219	296	331	376	278	269
..... 2002	477	297	463	424	442	391	362
..... acres treated, 2007	144,221	38,715	46,667	67,715	81,697	169,593	59,502
..... 2002	111,482	41,600	50,934	54,893	70,737	154,530	37,519
Pastureland and rangeland fertilized farms, 2007	435	242	345	240	180	134	168
..... 2002	514	306	362	289	182	82	137
..... acres treated, 2007	58,212	26,624	33,042	21,046	10,845	6,004	17,010
..... 2002	64,442	32,625	24,365	17,767	11,605	6,209	10,525
Manure ¹ farms, 2007	91	91	44	106	71	21	35
..... 2002	128	77	54	57	81	49	43
..... acres treated, 2007	7,937	6,632	4,186	3,385	1,809	849	1,773
..... 2002	5,614	8,148	1,515	2,498	1,968	834	1,690
Chemicals used to control- ¹							
Insects farms, 2007	118	32	49	117	121	61	62
..... 2002	163	36	62	131	176	39	75
..... acres treated, 2007	31,916	5,084	9,141	13,668	27,026	26,514	8,543
..... 2002	28,146	2,036	2,173	5,129	17,993	13,370	7,534
Weeds, grass, or brush farms, 2007	404	119	171	258	373	235	249
..... 2002	346	142	190	180	350	252	271
..... acres treated, 2007	125,736	24,450	31,323	68,699	95,929	128,819	55,492
..... 2002	105,616	16,860	21,180	37,530	79,755	114,919	59,516
Nematodes farms, 2007	5	-	4	4	18	3	8
..... 2002	2	20	-	42	1	1	1
..... acres treated, 2007	865	-	748	965	1,514	(D)	1,256
..... 2002	(D)	20	-	1,192	(D)	(D)	(D)
Diseases in crops and orchards farms, 2007	8	5	14	33	14	43	8
..... 2002	41	20	15	49	12	21	8
..... acres treated, 2007	565	50	3,410	807	2,054	25,912	2,575
..... 2002	2,767	20	24	492	563	3,925	9
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	7	1	-	1	6	3	3
..... 2002	-	-	-	-	1	16	-
..... acres treated, 2007	130	(D)	-	(D)	128	(D)	5
..... 2002	-	-	-	-	(D)	3,239	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Callaway	Camden	Cape Girardeau	Carroll	Carter	Cass	Cedar
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	643	218	796	557	88	741	350
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	109,937	23,414	159,846	166,296	10,353	143,748	49,911
.....acres treated, 2002	125,967	28,318	130,549	153,693	12,809	126,138	64,890
Cropland fertilized, except cropland pasturedfarms, 2007	416	120	580	467	42	464	188
.....farms, 2002	435	158	586	518	62	535	271
.....acres treated, 2007	85,055	7,956	127,290	141,904	3,357	110,551	20,897
.....acres treated, 2002	107,773	12,123	95,800	125,944	2,918	76,237	26,962
Pastureland and rangeland fertilizedfarms, 2007	345	160	477	208	67	419	233
.....farms, 2002	326	125	517	254	104	503	368
.....acres treated, 2007	24,882	15,458	32,556	24,392	6,996	33,197	29,014
.....acres treated, 2002	18,194	16,195	34,749	27,749	9,891	49,901	37,928
Manure ¹farms, 2007	134	37	214	73	18	177	48
.....farms, 2002	81	36	271	81	12	192	75
.....acres treated, 2007	6,179	2,276	7,073	4,300	1,728	7,381	2,830
.....acres treated, 2002	3,452	1,148	8,200	4,069	274	5,493	6,267
Chemicals used to control- ¹							
Insectsfarms, 2007	76	12	131	121	1	87	34
.....farms, 2002	74	9	110	161	1	133	45
.....acres treated, 2007	12,793	637	24,181	37,643	(D)	18,155	1,280
.....acres treated, 2002	10,443	333	7,801	30,042	(D)	11,646	1,359
Weeds, grass, or brushfarms, 2007	305	58	452	424	23	347	181
.....farms, 2002	352	54	442	440	9	382	141
.....acres treated, 2007	72,845	3,015	111,377	164,580	1,805	92,031	14,398
.....acres treated, 2002	87,530	2,994	81,913	136,436	331	65,724	11,220
Nematodesfarms, 2007	3	-	12	31	-	3	-
.....farms, 2002	15	-	-	13	-	1	-
.....acres treated, 2007	(D)	-	279	3,999	-	(D)	-
.....acres treated, 2002	660	-	-	1,584	-	(D)	-
Diseases in crops and orchardsfarms, 2007	24	-	35	21	-	16	6
.....farms, 2002	26	-	3	19	-	19	10
.....acres treated, 2007	368	-	10,020	2,191	-	7,263	7
.....acres treated, 2002	638	-	(D)	266	-	(D)	600
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	3	2	12	4	-	7	1
.....farms, 2002	-	-	3	-	-	-	-
.....acres treated, 2007	135	(D)	538	135	-	(D)	(D)
.....acres treated, 2002	-	-	270	-	-	-	-
Item	Chariton	Christian	Clark	Clay	Clinton	Cole	Cooper
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	628	509	359	262	347	695	542
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	174,071	45,696	130,402	43,862	100,840	65,696	146,116
.....acres treated, 2002	150,154	83,686	97,757	37,992	80,567	63,320	124,267
Cropland fertilized, except cropland pasturedfarms, 2007	517	286	307	154	232	427	407
.....farms, 2002	640	537	358	236	309	493	477
.....acres treated, 2007	147,419	20,609	116,618	31,976	79,483	33,704	113,723
.....acres treated, 2002	124,818	35,691	88,483	23,423	64,687	34,112	100,934
Pastureland and rangeland fertilizedfarms, 2007	255	339	131	127	181	522	316
.....farms, 2002	327	508	100	237	164	552	231
.....acres treated, 2007	26,652	25,087	13,784	11,886	21,357	31,992	32,393
.....acres treated, 2002	25,336	47,995	9,274	14,569	15,880	29,208	23,333
Manure ¹farms, 2007	98	104	64	48	49	195	71
.....farms, 2002	111	53	58	48	46	158	84
.....acres treated, 2007	3,899	4,771	2,901	1,319	1,410	9,399	6,248
.....acres treated, 2002	1,953	2,657	3,012	1,802	1,593	3,709	5,524
Chemicals used to control- ¹							
Insectsfarms, 2007	166	89	98	46	63	77	92
.....farms, 2002	242	145	149	33	52	31	132
.....acres treated, 2007	39,113	5,732	27,586	5,019	24,082	2,928	20,313
.....acres treated, 2002	48,285	8,089	27,646	1,911	14,221	1,091	17,561
Weeds, grass, or brushfarms, 2007	429	253	217	173	222	268	333
.....farms, 2002	482	217	246	197	222	196	293
.....acres treated, 2007	155,054	13,041	92,775	34,837	84,746	19,373	87,732
.....acres treated, 2002	129,056	7,255	82,079	18,458	62,708	8,621	66,212
Nematodesfarms, 2007	24	-	5	2	9	5	8
.....farms, 2002	22	-	17	-	14	1	-
.....acres treated, 2007	10,287	-	126	(D)	1,467	318	1,834
.....acres treated, 2002	5,346	-	1,280	-	3,924	(D)	-
Diseases in crops and orchardsfarms, 2007	22	4	4	11	9	7	8
.....farms, 2002	14	24	17	29	12	1	1
.....acres treated, 2007	5,798	(D)	197	241	2,764	117	950
.....acres treated, 2002	474	233	1,007	598	1,824	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	6	5	5	3	2	6	1
.....farms, 2002	1	-	-	-	-	-	11
.....acres treated, 2007	63	134	112	9	(D)	182	(D)
.....acres treated, 2002	(D)	-	-	-	-	-	220

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Crawford	Dade	Dallas	Daviess	DeKalb	Dent	Douglas
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	317	454	560	454	361	294	492
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	41,286	104,570	59,216	111,020	87,859	42,394	58,812
..... 2002	49,173	111,480	69,469	101,212	81,135	83,780	56,578
Cropland fertilized, except cropland pastured farms, 2007	151	219	336	377	269	148	295
..... 2002	300	310	448	459	281	261	402
..... acres treated, 2007	10,124	61,314	25,440	85,047	68,025	11,354	18,371
..... 2002	22,433	59,781	34,626	80,069	53,782	14,747	21,720
Pastureland and rangeland fertilized farms, 2007	241	324	393	181	197	223	369
..... 2002	337	370	417	207	262	343	425
..... acres treated, 2007	31,162	43,256	33,776	25,973	19,834	31,040	40,441
..... 2002	26,740	51,699	34,843	21,143	27,353	69,033	34,858
Manure ¹ farms, 2007	50	65	166	79	65	31	76
..... 2002	-	117	158	38	85	32	74
..... acres treated, 2007	2,630	15,728	11,427	5,593	3,640	1,329	4,991
..... 2002	-	9,802	10,071	1,477	3,491	408	2,627
Chemicals used to control- ¹							
Insects farms, 2007	17	87	63	94	78	22	27
..... 2002	-	33	11	73	81	2	32
..... acres treated, 2007	807	16,979	2,075	18,127	24,788	435	1,076
..... 2002	-	8,580	363	18,646	17,104	(D)	965
Weeds, grass, or brush farms, 2007	94	286	134	314	252	79	138
..... 2002	45	315	81	321	251	92	97
..... acres treated, 2007	9,455	61,820	8,865	99,938	68,613	4,306	11,494
..... 2002	3,461	54,045	2,935	70,925	62,524	4,396	4,394
Nematodes farms, 2007	2	1	4	10	2	-	-
..... 2002	-	2	1	2	14	-	-
..... acres treated, 2007	(D)	(D)	(D)	4,590	(D)	-	-
..... 2002	-	(D)	(D)	(D)	6,929	-	-
Diseases in crops and orchards farms, 2007	2	5	16	15	12	11	4
..... 2002	-	-	2	15	-	-	-
..... acres treated, 2007	(D)	668	46	2,637	646	68	8
..... 2002	-	-	(D)	90	-	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	2	1	4	9	-	1	3
..... 2002	-	-	-	-	7	-	-
..... acres treated, 2007	(D)	(D)	(D)	534	-	(D)	(D)
..... 2002	-	-	-	-	21	-	-

Item	Dunklin	Franklin	Gasconade	Gentry	Greene	Grundy	Harrison	Henry
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	332	1,085	487	345	770	318	418	558
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	263,169	106,101	65,050	87,079	64,570	86,653	119,517	130,698
..... 2002	224,837	95,464	56,245	97,775	83,903	59,581	85,137	123,298
Cropland fertilized, except cropland pastured farms, 2007	317	711	305	248	446	234	313	324
..... 2002	384	772	405	279	716	250	367	347
..... acres treated, 2007	262,071	68,000	31,151	61,803	30,411	72,610	96,682	77,485
..... 2002	224,341	61,819	33,457	62,647	43,141	47,431	64,259	73,498
Pastureland and rangeland fertilized farms, 2007	27	697	346	199	505	153	178	369
..... 2002	18	747	339	177	657	128	198	410
..... acres treated, 2007	1,098	38,101	33,899	25,276	34,159	14,043	22,835	53,213
..... 2002	496	33,645	22,788	35,128	40,762	12,150	20,878	49,800
Manure ¹ farms, 2007	10	316	137	51	162	51	54	106
..... 2002	1	320	124	39	305	46	34	77
..... acres treated, 2007	569	9,313	6,368	4,144	6,351	2,871	4,903	6,027
..... 2002	(D)	18,612	8,833	4,530	8,716	602	4,492	20,657
Chemicals used to control- ¹								
Insects farms, 2007	250	98	52	68	117	66	62	61
..... 2002	302	71	49	70	118	70	67	45
..... acres treated, 2007	200,812	7,033	4,655	16,794	6,993	22,200	32,154	6,844
..... 2002	161,247	3,160	1,830	13,491	5,694	12,416	11,626	3,317
Weeds, grass, or brush farms, 2007	270	425	199	196	388	183	243	275
..... 2002	272	302	140	193	321	181	179	284
..... acres treated, 2007	238,702	49,008	19,980	51,561	18,858	67,502	90,533	71,016
..... 2002	194,442	29,307	11,902	46,127	14,766	53,401	44,616	61,092
Nematodes farms, 2007	70	13	5	5	2	5	4	5
..... 2002	40	2	7	16	-	-	-	-
..... acres treated, 2007	51,880	873	(D)	4,133	(D)	(D)	(D)	150
..... 2002	25,293	(D)	7	5,980	-	-	-	-
Diseases in crops and orchards farms, 2007	63	20	18	13	11	18	11	10
..... 2002	35	13	1	1	-	8	25	10
..... acres treated, 2007	46,005	556	667	1,708	177	2,739	1,616	369
..... 2002	10,041	1,514	(D)	(D)	-	8	3,000	10
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	170	17	7	3	12	2	1	7
..... 2002	151	-	1	-	-	-	-	-
..... acres treated, 2007	143,720	407	165	(D)	131	(D)	(D)	267
..... 2002	109,053	-	(D)	-	-	-	-	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Hickory	Holt	Howard	Howell	Iron	Jackson	Jasper	Jefferson
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	236	313	403	872	124	304	600	296
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	41,728	153,418	103,160	112,786	12,663	59,469	107,955	25,275
.....acres treated, 2002	43,631	118,192	82,870	140,437	10,426	53,825	106,328	27,891
Cropland fertilized, except cropland pasturedfarms, 2007	138	295	319	390	65	237	357	210
.....farms, 2002	196	356	340	586	104	238	456	274
.....acres treated, 2007	17,281	147,831	88,211	23,123	4,225	52,684	65,176	16,298
.....acres treated, 2002	20,560	108,914	71,071	35,305	4,528	48,362	65,739	17,062
Pastureland and rangeland fertilizedfarms, 2007	169	73	158	664	96	105	386	162
.....farms, 2002	255	109	142	1,011	111	233	383	186
.....acres treated, 2007	24,447	5,587	14,949	89,663	8,438	6,785	42,779	8,977
.....acres treated, 2002	23,071	9,278	11,799	105,132	5,898	5,463	40,589	10,829
Manure ¹farms, 2007	40	23	24	106	16	71	152	94
.....farms, 2002	116	60	44	158	11	42	196	84
.....acres treated, 2007	2,290	836	622	11,521	563	1,756	15,569	2,672
.....acres treated, 2002	5,250	2,491	936	8,397	345	699	13,276	1,530
Chemicals used to control- ¹								
Insectsfarms, 2007	19	108	110	76	2	62	73	59
.....farms, 2002	10	157	99	59	9	52	85	75
.....acres treated, 2007	1,003	57,754	31,702	2,087	(D)	8,110	7,644	3,038
.....acres treated, 2002	200	45,269	10,852	3,721	18	(D)	7,124	3,502
Weeds, grass, or brushfarms, 2007	95	267	270	273	23	179	345	132
.....farms, 2002	84	279	236	276	8	147	307	128
.....acres treated, 2007	8,117	146,331	92,309	18,392	722	55,354	63,986	11,621
.....acres treated, 2002	11,242	111,600	46,788	10,559	450	28,829	43,403	11,941
Nematodesfarms, 2007	2	13	18	5	-	8	2	6
.....farms, 2002	-	22	-	-	-	1	13	51
.....acres treated, 2007	(D)	9,409	3,782	26	-	833	(D)	266
.....acres treated, 2002	-	2,038	-	-	-	(D)	9,705	665
Diseases in crops and orchardsfarms, 2007	3	16	16	12	4	19	17	8
.....farms, 2002	-	-	2	-	9	30	11	17
.....acres treated, 2007	9	14,602	1,007	28	5	847	621	238
.....acres treated, 2002	-	-	(D)	-	18	238	1,435	31
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	-	-	9	5	1	9	14	9
.....farms, 2002	-	6	1	-	-	2	1	-
.....acres treated, 2007	-	-	79	86	(D)	143	504	189
.....acres treated, 2002	-	108	(D)	-	-	(D)	(D)	-
Item	Johnson	Knox	Laclede	Lafayette	Lawrence	Lewis	Lincoln	Linn
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	900	341	612	806	905	394	599	474
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	177,915	105,652	76,806	200,036	127,380	131,903	121,365	108,960
.....acres treated, 2002	165,982	122,213	104,536	176,771	114,491	124,937	107,239	90,552
Cropland fertilized, except cropland pasturedfarms, 2007	561	283	368	666	489	342	481	319
.....farms, 2002	646	342	521	612	478	363	423	292
.....acres treated, 2007	118,957	88,407	31,994	174,992	56,693	114,965	106,746	75,100
.....acres treated, 2002	101,851	94,722	38,614	151,485	53,709	97,826	94,778	57,253
Pastureland and rangeland fertilizedfarms, 2007	561	158	422	385	668	149	244	260
.....farms, 2002	580	179	627	493	758	215	185	324
.....acres treated, 2007	58,958	17,245	44,812	25,044	70,687	16,938	14,639	33,860
.....acres treated, 2002	64,131	27,491	65,922	25,286	60,782	27,111	12,461	33,299
Manure ¹farms, 2007	226	70	101	188	288	87	108	117
.....farms, 2002	167	76	152	150	298	92	157	87
.....acres treated, 2007	13,148	4,546	6,075	13,857	26,965	3,925	3,206	5,929
.....acres treated, 2002	8,824	4,744	11,441	3,428	32,429	7,434	6,227	7,302
Chemicals used to control- ¹								
Insectsfarms, 2007	110	84	63	220	153	94	127	53
.....farms, 2002	128	113	86	191	104	143	67	28
.....acres treated, 2007	22,203	23,509	3,931	42,722	8,191	25,198	22,176	7,503
.....acres treated, 2002	12,252	19,272	3,475	42,391	5,353	26,756	15,587	4,710
Weeds, grass, or brushfarms, 2007	452	225	148	569	408	254	340	263
.....farms, 2002	470	229	151	597	329	236	286	192
.....acres treated, 2007	96,603	80,905	9,493	179,263	36,440	102,772	97,131	67,965
.....acres treated, 2002	79,917	54,088	5,603	147,307	34,978	98,691	84,457	41,384
Nematodesfarms, 2007	13	17	-	27	4	12	19	9
.....farms, 2002	-	1	-	21	-	1	16	1
.....acres treated, 2007	4,142	7,876	-	3,752	162	2,027	1,786	2,431
.....acres treated, 2002	-	(D)	-	2,961	-	(D)	16	(D)
Diseases in crops and orchardsfarms, 2007	28	10	8	40	22	7	12	5
.....farms, 2002	22	-	9	3	17	-	21	1
.....acres treated, 2007	1,025	1,370	161	4,621	858	720	814	729
.....acres treated, 2002	33	-	108	1,080	23	-	272	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	12	-	4	9	10	3	12	-
.....farms, 2002	-	-	12	3	3	-	12	-
.....acres treated, 2007	289	-	14	2,860	151	1,800	1,543	-
.....acres treated, 2002	-	-	120	1,080	150	-	168	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Livingston	McDonald	Macon	Madison	Maries	Marion	Mercer	Miller
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	430	328	578	173	553	391	188	506
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	106,965	34,345	125,047	20,934	84,357	121,973	48,642	62,909
..... acres treated, 2002	93,766	25,455	82,265	14,083	78,403	104,075	40,570	61,331
Cropland fertilized, except cropland pastured farms, 2007	352	148	404	90	283	340	142	279
..... farms, 2002	347	164	343	134	397	414	133	323
..... acres treated, 2007	92,234	10,306	88,239	7,252	26,030	110,214	33,876	21,911
..... acres treated, 2002	75,489	8,818	58,403	6,362	27,646	97,082	22,591	22,743
Pastureland and rangeland fertilized farms, 2007	145	231	301	135	449	166	89	397
..... farms, 2002	159	278	242	164	532	135	134	434
..... acres treated, 2007	14,731	24,039	36,808	13,682	58,327	11,759	14,766	40,998
..... acres treated, 2002	18,277	16,637	23,862	7,721	50,757	6,993	17,979	38,588
Manure ¹ farms, 2007	53	147	139	25	91	95	32	165
..... farms, 2002	66	248	109	14	129	132	35	149
..... acres treated, 2007	1,880	21,812	8,574	1,754	4,573	3,205	5,583	10,934
..... acres treated, 2002	3,473	24,279	4,328	1,460	7,455	5,630	1,334	7,916
Chemicals used to control- ¹								
Insects farms, 2007	62	30	86	11	31	100	38	42
..... farms, 2002	63	3	41	9	1	104	30	15
..... acres treated, 2007	17,156	1,221	14,911	238	864	31,184	11,103	3,283
..... acres treated, 2002	10,679	101	5,638	153	(D)	23,739	4,922	2,023
Weeds, grass, or brush farms, 2007	299	227	298	43	159	283	116	195
..... farms, 2002	337	178	210	25	65	298	118	80
..... acres treated, 2007	117,745	24,571	84,670	2,142	7,532	115,306	33,711	13,676
..... acres treated, 2002	108,303	12,356	34,682	1,710	5,239	97,777	23,227	3,480
Nematodes farms, 2007	6	-	5	-	-	9	2	5
..... farms, 2002	28	-	1	-	-	8	1	8
..... acres treated, 2007	2,283	-	990	-	-	1,951	(D)	224
..... acres treated, 2002	2,649	-	(D)	-	-	(D)	16	(D)
Diseases in crops and orchards farms, 2007	10	4	9	2	4	17	1	5
..... farms, 2002	8	-	1	-	-	-	-	-
..... acres treated, 2007	688	273	859	(D)	(D)	2,266	(D)	415
..... acres treated, 2002	(D)	-	(D)	-	-	-	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	3	6	4	-	4	2	1	1
..... farms, 2002	-	10	1	-	-	-	8	-
..... acres treated, 2007	(D)	353	(D)	-	203	(D)	(D)	(D)
..... acres treated, 2002	-	200	(D)	-	-	-	480	-

Item	Mississippi	Moniteau	Monroe	Montgomery	Morgan	New Madrid	Newton	Nodaway
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	184	670	455	484	503	303	650	917
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	179,403	101,285	127,772	131,404	73,630	295,113	76,751	271,789
..... acres treated, 2002	157,925	101,369	140,013	98,597	59,026	263,862	92,879	227,500
Cropland fertilized, except cropland pastured farms, 2007	177	372	351	370	306	300	317	752
..... farms, 2002	208	498	382	395	328	332	470	803
..... acres treated, 2007	178,262	49,005	106,371	113,365	35,236	294,742	35,439	212,490
..... acres treated, 2002	157,516	58,617	116,496	84,039	32,954	(D)	42,545	167,412
Pastureland and rangeland fertilized farms, 2007	15	492	211	324	324	4	463	515
..... farms, 2002	8	508	260	224	304	2	596	471
..... acres treated, 2007	1,141	52,280	21,401	18,039	38,394	371	41,312	59,299
..... acres treated, 2002	409	42,752	23,517	14,558	26,072	(D)	50,334	60,088
Manure ¹ farms, 2007	2	216	102	73	280	5	202	122
..... farms, 2002	1	229	97	167	241	19	295	85
..... acres treated, 2007	(D)	15,611	5,166	3,935	27,486	630	24,302	4,940
..... acres treated, 2002	(D)	11,836	3,402	8,494	18,322	3,474	21,612	3,728
Chemicals used to control- ¹								
Insects farms, 2007	111	100	100	114	72	223	81	171
..... farms, 2002	53	54	152	124	88	224	22	248
..... acres treated, 2007	115,606	10,747	28,867	29,074	3,649	175,060	15,686	35,693
..... acres treated, 2002	27,495	1,210	37,136	22,832	2,786	128,313	3,924	52,246
Weeds, grass, or brush farms, 2007	140	302	274	316	185	230	372	721
..... farms, 2002	173	230	273	342	179	312	281	641
..... acres treated, 2007	178,131	43,958	97,851	104,474	23,677	270,754	39,780	237,677
..... acres treated, 2002	205,110	22,869	125,141	87,294	9,813	287,556	19,970	195,872
Nematodes farms, 2007	25	1	22	-	1	28	3	9
..... farms, 2002	3	1	11	7	-	27	-	12
..... acres treated, 2007	23,824	(D)	2,695	-	(D)	14,548	(D)	959
..... acres treated, 2002	(D)	(D)	4,325	(D)	-	6,931	-	3,431
Diseases in crops and orchards farms, 2007	55	16	17	9	12	63	12	22
..... farms, 2002	9	3	-	24	23	18	10	1
..... acres treated, 2007	63,079	169	1,691	293	48	61,707	593	8,140
..... acres treated, 2002	5,645	(D)	-	431	137	8,581	50	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	5	-	3	-	3	129	8	8
..... farms, 2002	4	-	-	-	-	124	8	25
..... acres treated, 2007	487	-	(D)	-	98	86,193	145	1,467
..... acres treated, 2002	956	-	-	-	-	71,545	24	971

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Oregon	Osage	Ozark	Pemiscot	Perry	Pettis	Phelps	Pike
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	383	791	352	188	600	722	340	581
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	62,130	96,825	54,688	228,604	105,687	175,781	38,948	192,852
.....acres treated, 2002	72,617	103,863	83,021	185,427	83,886	160,210	47,863	148,979
Cropland fertilized, except cropland pasturedfarms, 2007	177	478	194	182	418	513	161	489
.....farms, 2002	278	637	357	248	452	657	221	551
.....acres treated, 2007	13,544	36,269	13,052	227,784	80,199	132,550	11,009	166,312
.....acres treated, 2002	16,961	43,671	21,477	185,427	67,017	129,564	15,525	126,589
Pastureland and rangeland fertilizedfarms, 2007	313	635	265	7	368	396	255	234
.....farms, 2002	401	690	416	-	343	339	357	226
.....acres treated, 2007	48,586	60,556	41,636	820	25,488	43,231	27,939	26,540
.....acres treated, 2002	55,656	60,192	61,544	-	16,869	30,646	32,338	22,390
Manure ¹farms, 2007	30	269	34	3	144	215	52	111
.....farms, 2002	29	321	22	4	163	139	31	143
.....acres treated, 2007	1,394	18,586	3,122	(D)	4,451	24,374	2,049	5,795
.....acres treated, 2002	2,312	12,557	1,349	343	2,716	22,087	3,562	6,053
Chemicals used to control- ¹								
Insectsfarms, 2007	41	83	33	152	154	134	22	176
.....farms, 2002	34	101	16	152	134	115	37	188
.....acres treated, 2007	1,201	6,021	2,341	133,306	17,243	32,465	977	46,668
.....acres treated, 2002	590	4,704	418	108,344	11,361	20,752	370	32,308
Weeds, grass, or brushfarms, 2007	168	293	148	172	373	391	89	348
.....farms, 2002	122	391	145	198	402	476	58	342
.....acres treated, 2007	14,007	24,531	13,853	226,472	63,714	122,005	5,180	146,548
.....acres treated, 2002	5,675	22,567	10,936	207,929	70,670	120,253	5,885	94,314
Nematodesfarms, 2007	-	6	-	14	18	14	-	10
.....farms, 2002	-	-	-	10	-	1	-	10
.....acres treated, 2007	-	160	-	12,947	2,981	1,745	-	1,401
.....acres treated, 2002	-	-	-	5,467	-	(D)	-	1,300
Diseases in crops and orchardsfarms, 2007	8	5	7	39	32	16	10	22
.....farms, 2002	7	-	14	5	1	-	8	20
.....acres treated, 2007	25	15	26	48,458	2,660	1,913	99	1,570
.....acres treated, 2002	7	-	994	820	(D)	-	8	1,660
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	1	7	2	91	5	2	-	1
.....farms, 2002	-	-	14	105	-	-	13	-
.....acres treated, 2007	(D)	188	(D)	82,899	28	(D)	-	(D)
.....acres treated, 2002	-	-	994	64,080	-	-	358	-
Item	Platte	Polk	Pulaski	Putnam	Ralls	Randolph	Ray	Reynolds
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	353	817	207	306	351	372	552	137
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	94,981	101,239	22,511	62,707	111,983	63,111	98,726	13,728
.....acres treated, 2002	85,263	108,088	40,454	41,209	109,014	74,739	98,150	15,688
Cropland fertilized, except cropland pasturedfarms, 2007	270	502	94	212	288	269	349	67
.....farms, 2002	374	558	184	174	291	290	441	100
.....acres treated, 2007	84,950	44,289	6,242	38,301	101,404	47,658	74,987	3,850
.....acres treated, 2002	64,954	49,223	14,131	19,852	92,418	62,718	73,273	5,091
Pastureland and rangeland fertilizedfarms, 2007	140	552	163	152	133	172	293	96
.....farms, 2002	176	636	268	196	135	111	265	110
.....acres treated, 2007	10,031	56,950	16,269	24,406	10,579	15,453	23,739	9,878
.....acres treated, 2002	20,309	58,865	26,323	21,357	16,596	12,021	24,877	10,597
Manure ¹farms, 2007	52	186	12	59	82	70	91	16
.....farms, 2002	47	131	18	38	118	71	53	-
.....acres treated, 2007	1,736	11,631	405	4,622	3,442	2,442	3,690	1,287
.....acres treated, 2002	1,186	5,355	900	3,029	4,029	1,966	1,629	-
Chemicals used to control- ¹								
Insectsfarms, 2007	106	100	9	42	90	56	85	8
.....farms, 2002	84	95	17	18	139	78	96	5
.....acres treated, 2007	17,585	4,843	(D)	5,901	26,739	8,193	12,438	49
.....acres treated, 2002	5,032	2,588	170	640	32,295	11,833	11,781	250
Weeds, grass, or brushfarms, 2007	240	321	51	123	227	207	297	28
.....farms, 2002	241	214	43	135	221	233	400	22
.....acres treated, 2007	75,964	22,875	1,863	24,090	101,546	43,155	86,588	754
.....acres treated, 2002	49,636	19,368	1,448	10,905	98,084	43,157	93,977	407
Nematodesfarms, 2007	3	1	-	4	15	10	8	2
.....farms, 2002	-	-	-	-	8	8	9	-
.....acres treated, 2007	(D)	(D)	-	1,123	6,312	859	443	(D)
.....acres treated, 2002	-	-	-	-	2,200	776	9	-
Diseases in crops and orchardsfarms, 2007	18	5	2	5	11	14	13	4
.....farms, 2002	1	18	-	-	-	10	14	-
.....acres treated, 2007	2,987	41	(D)	1,423	546	1,081	1,565	14
.....acres treated, 2002	(D)	81	-	-	-	335	1,380	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	22	7	-	-	2	2	1	1
.....farms, 2002	1	-	-	8	10	1	-	-
.....acres treated, 2007	525	120	-	-	(D)	(D)	(D)	(D)
.....acres treated, 2002	(D)	-	-	720	8,920	(D)	-	-

See footnote(s) at end of table.

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Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

[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 conditioners ^{1,2} farms, 2007	221	403	429	393	291	117	638	201
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	36,199	84,602	100,120	66,364	28,093	10,647	236,806	32,751
..... acres treated, 2002	33,557	74,903	82,551	47,116	24,722	11,403	187,674	35,763
Cropland fertilized, except cropland pastured farms, 2007	98	353	253	270	155	102	551	142
..... farms, 2002	135	483	271	332	200	77	598	205
..... acres treated, 2007	15,958	81,228	61,192	41,299	11,503	10,220	217,934	19,640
..... acres treated, 2002	10,228	70,000	51,822	27,976	8,800	(D)	172,980	22,397
Pastureland and rangeland fertilized farms, 2007	154	118	290	276	209	24	210	109
..... farms, 2002	202	134	257	301	268	20	185	128
..... acres treated, 2007	20,241	3,374	38,928	25,065	16,590	427	18,872	13,111
..... acres treated, 2002	23,329	4,903	30,729	19,140	15,922	(D)	14,694	13,366
Manure ¹ farms, 2007	24	83	55	90	71	20	85	42
..... farms, 2002	1	102	60	132	123	40	46	60
..... acres treated, 2007	1,985	3,211	4,110	4,666	2,916	342	6,081	2,298
..... acres treated, 2002	(D)	3,139	6,346	3,946	2,543	337	3,072	5,278
Chemicals used to control- ¹								
Insects farms, 2007	15	149	41	63	33	39	234	34
..... farms, 2002	24	147	36	89	18	79	271	35
..... acres treated, 2007	991	28,278	4,178	6,663	475	4,645	76,451	4,431
..... acres treated, 2002	1,580	32,623	8,415	3,281	373	2,632	61,653	1,981
Weeds, grass, or brush farms, 2007	83	285	201	189	77	64	496	93
..... farms, 2002	82	308	136	240	79	96	453	106
..... acres treated, 2007	12,789	86,802	31,908	29,202	5,183	9,121	221,231	13,324
..... acres treated, 2002	4,455	82,511	33,041	19,840	1,540	11,570	189,564	13,745
Nematodes farms, 2007	3	12	6	2	1	4	27	3
..... farms, 2002	2	6	1	-	-	4	14	-
..... acres treated, 2007	100	1,180	561	(D)	(D)	(D)	4,596	155
..... acres treated, 2002	(D)	405	(D)	-	-	(D)	4,518	-
Diseases in crops and orchards farms, 2007	6	22	5	12	6	12	29	6
..... farms, 2002	19	27	-	19	-	23	1	7
..... acres treated, 2007	1,328	224	566	635	31	1,359	5,493	299
..... acres treated, 2002	1,460	410	-	131	-	477	(D)	28
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	1	2	-	5	1	4	-	6
..... farms, 2002	-	5	-	-	-	5	1	7
..... acres treated, 2007	(D)	(D)	-	223	(D)	20	-	171
..... acres treated, 2002	-	385	-	-	-	(D)	(D)	28
Item	Scotland	Scott	Shannon	Shelby	Stoddard	Stone	Sullivan	Taney
Commercial fertilizer, lime, and soil conditioners ^{1,2} farms, 2007	348	331	235	382	524	303	335	141
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	87,763	174,001	32,365	151,867	343,584	24,775	62,019	17,408
..... acres treated, 2002	77,458	139,018	30,975	135,392	290,500	26,112	79,073	23,954
Cropland fertilized, except cropland pastured farms, 2007	286	287	111	313	428	139	231	62
..... farms, 2002	319	251	152	416	479	211	263	96
..... acres treated, 2007	74,089	169,103	7,683	135,075	337,242	8,087	38,392	6,021
..... acres treated, 2002	66,875	134,874	9,269	121,412	280,189	9,450	54,194	6,384
Pastureland and rangeland fertilized farms, 2007	147	90	190	169	131	224	177	105
..... farms, 2002	107	98	280	192	216	271	211	290
..... acres treated, 2007	13,674	4,898	24,682	16,792	6,342	16,688	23,627	11,387
..... acres treated, 2002	10,583	4,144	21,706	13,980	10,311	16,662	24,879	17,570
Manure ¹ farms, 2007	91	38	15	73	37	87	77	16
..... farms, 2002	131	21	41	131	41	81	36	22
..... acres treated, 2007	8,028	6,886	713	5,397	6,271	6,159	11,165	1,225
..... acres treated, 2002	5,495	2,918	3,116	6,603	13,077	1,998	1,507	807
Chemicals used to control- ¹								
Insects farms, 2007	84	121	8	102	192	37	43	6
..... farms, 2002	106	43	-	224	171	80	63	14
..... acres treated, 2007	19,543	61,856	124	37,617	142,061	3,347	9,226	133
..... acres treated, 2002	13,536	17,360	-	36,024	75,260	1,988	8,011	242
Weeds, grass, or brush farms, 2007	223	243	36	268	336	186	157	64
..... farms, 2002	241	237	31	365	351	108	151	61
..... acres treated, 2007	77,384	140,154	2,235	126,917	255,280	13,603	31,043	4,211
..... acres treated, 2002	50,360	114,554	1,290	128,113	223,119	3,365	55,800	1,600
Nematodes farms, 2007	10	24	-	16	29	5	9	-
..... farms, 2002	2	3	-	31	8	-	1	-
..... acres treated, 2007	1,500	9,704	-	10,964	21,507	15	1,135	-
..... acres treated, 2002	(D)	1,520	-	14,478	4,054	-	(D)	-
Diseases in crops and orchards farms, 2007	7	46	1	13	103	7	4	5
..... farms, 2002	2	4	-	-	10	-	-	1
..... acres treated, 2007	1,533	18,814	(D)	6,267	60,089	24	527	5
..... acres treated, 2002	(D)	(D)	-	-	3,662	-	-	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹ farms, 2007	4	18	1	12	74	-	3	5
..... farms, 2002	10	6	-	1	26	-	-	-
..... acres treated, 2007	191	5,233	(D)	1,008	66,413	-	88	138
..... acres treated, 2002	20	2,910	-	(D)	21,628	-	-	-

See footnote(s) at end of table.

--continued

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.

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

Item	Texas	Vernon	Warren	Washington	Wayne	Webster	Worth	Wright
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	676	646	372	260	169	893	177	613
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2007	105,895	185,890	65,506	21,880	20,921	82,924	40,432	85,547
2002	143,998	149,915	45,568	15,404	21,641	113,660	28,647	126,313
Cropland fertilized, except cropland pasturedfarms, 2007	379	394	296	136	78	615	135	375
2002	444	497	276	111	148	737	130	526
acres treated, 2007	29,157	121,426	53,273	6,552	8,731	38,736	26,675	28,486
2002	41,646	110,212	38,346	6,990	7,448	62,835	18,972	44,921
Pastureland and rangeland fertilizedfarms, 2007	525	405	184	195	128	598	88	455
2002	820	327	136	150	158	683	78	603
acres treated, 2007	76,738	64,464	12,233	15,328	12,190	44,188	13,757	57,061
2002	102,352	39,703	7,222	8,414	14,193	50,825	9,675	81,392
Manure ¹farms, 2007	94	115	115	38	34	280	22	115
2002	144	106	142	22	42	314	28	149
acres treated, 2007	6,584	12,675	3,477	1,572	10,966	11,350	1,790	7,712
2002	5,113	8,224	3,590	1,526	481	9,821	2,107	7,962
Chemicals used to control- ¹								
Insectsfarms, 2007	23	140	76	11	19	86	34	54
2002	35	132	105	11	11	186	17	52
acres treated, 2007	8,534	18,938	8,343	191	532	3,388	2,728	3,300
2002	3,251	12,241	9,621	55	484	8,698	3,308	2,389
Weeds, grass, or brushfarms, 2007	191	265	214	47	58	227	121	154
2002	169	339	191	32	71	178	99	113
acres treated, 2007	20,107	95,640	50,358	3,006	7,808	10,322	19,348	7,075
2002	8,863	90,197	32,434	2,240	3,521	4,710	19,642	7,820
Nematodesfarms, 2007	-	1	11	-	-	-	2	-
2002	-	2	-	-	-	-	13	-
acres treated, 2007	-	(D)	2,332	-	-	-	(D)	-
2002	-	(D)	-	-	-	-	2,780	-
Diseases in crops and orchardsfarms, 2007	1	24	17	1	2	7	3	8
2002	-	38	45	11	-	-	4	1
acres treated, 2007	(D)	2,493	426	(D)	(D)	22	84	134
2002	-	2,176	259	55	-	-	160	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	3	13	2	2	3	1	2	6
2002	1	7	29	11	-	-	-	1
acres treated, 2007	(D)	2,979	(D)	(D)	(D)	(D)	(D)	46
2002	(D)	846	59	55	-	-	-	(D)

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.