

**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002**

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

Item	Kansas	Allen	Anderson	Atchison	Barber	Barton	Bourbon
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	36,843	332	463	514	238	421	453
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	19,587,868	111,589	150,235	145,996	159,422	292,859	102,708
.....acres treated, 2002	18,108,114	92,922	123,518	106,012	164,741	363,974	105,447
Cropland fertilized, except cropland pastured .....farms, 2007	31,767	250	379	402	222	401	249
.....farms, 2002	33,682	352	313	326	260	534	334
.....acres treated, 2007	18,133,537	86,903	124,334	111,886	150,350	286,635	46,481
.....acres treated, 2002	16,781,674	76,865	89,873	73,686	158,633	361,338	49,745
Pastureland and rangeland fertilized .....farms, 2007	10,444	166	201	315	41	56	310
.....farms, 2002	9,712	187	179	264	38	25	332
.....acres treated, 2007	1,454,331	24,686	25,901	34,110	9,072	6,224	56,227
.....acres treated, 2002	1,326,440	16,057	33,645	32,326	6,108	2,636	55,702
Manure <sup>1</sup> .....farms, 2007	5,646	33	71	119	18	72	51
.....farms, 2002	5,881	89	93	71	15	27	58
.....acres treated, 2007	551,116	2,038	3,195	3,763	2,339	13,018	3,413
.....acres treated, 2002	540,838	6,040	4,138	2,795	521	3,855	3,431
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	8,980	49	78	96	37	155	47
.....farms, 2002	8,944	32	70	103	55	196	32
.....acres treated, 2007	3,228,032	13,680	20,626	15,687	12,801	72,485	7,784
.....acres treated, 2002	2,175,534	2,456	24,786	21,043	19,500	37,528	1,740
Weeds, grass, or brush .....farms, 2007	26,876	191	313	386	126	287	262
.....farms, 2002	24,597	302	222	288	137	427	201
.....acres treated, 2007	14,882,494	74,057	117,675	104,365	77,104	191,137	47,779
.....acres treated, 2002	10,303,445	106,151	97,975	110,325	43,193	202,267	36,961
Nematodes .....farms, 2007	399	2	2	16	1	10	4
.....farms, 2002	362	-	-	-	-	4	16
.....acres treated, 2007	125,357	(D)	(D)	2,186	(D)	3,675	1,642
.....acres treated, 2002	64,566	-	-	-	-	1,877	2,022
Diseases in crops and orchards .....farms, 2007	2,038	3	13	17	12	27	5
.....farms, 2002	548	-	2	10	10	-	9
.....acres treated, 2007	1,049,277	(D)	1,671	3,875	8,948	10,695	182
.....acres treated, 2002	71,114	-	(D)	2,000	1,540	-	1,710
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	92	-	-	-	2	-	-
.....farms, 2002	432	1	14	-	19	4	-
.....acres treated, 2007	26,069	-	-	-	(D)	-	-
.....acres treated, 2002	94,612	(D)	1,296	-	4,623	1,435	-
Item	Brown	Butler	Chase	Chautauqua	Cherokee	Cheyenne	Clark
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	479	673	134	111	465	234	94
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	221,498	235,495	38,689	22,529	193,568	189,813	82,146
.....acres treated, 2002	194,263	223,088	42,299	18,974	144,720	169,677	91,250
Cropland fertilized, except cropland pastured .....farms, 2007	413	509	107	54	351	226	92
.....farms, 2002	416	605	122	56	309	263	113
.....acres treated, 2007	194,422	205,092	30,361	11,698	170,887	186,443	79,953
.....acres treated, 2002	175,072	203,356	36,858	6,790	126,220	165,839	88,310
Pastureland and rangeland fertilized .....farms, 2007	218	254	36	62	207	13	11
.....farms, 2002	170	171	44	57	156	6	7
.....acres treated, 2007	27,076	30,403	8,328	10,831	22,681	3,370	2,193
.....acres treated, 2002	19,191	19,732	5,441	12,184	18,500	3,838	2,940
Manure <sup>1</sup> .....farms, 2007	97	129	23	7	83	32	14
.....farms, 2002	90	92	17	15	62	37	23
.....acres treated, 2007	4,637	9,283	1,940	138	10,030	2,401	4,451
.....acres treated, 2002	2,679	6,277	1,159	1,779	8,809	10,660	3,579
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	118	147	37	21	65	57	28
.....farms, 2002	119	113	33	19	31	34	13
.....acres treated, 2007	42,206	27,084	3,891	2,762	14,361	40,317	13,782
.....acres treated, 2002	40,694	32,022	2,122	2,454	6,096	14,982	4,808
Weeds, grass, or brush .....farms, 2007	370	444	84	102	275	165	84
.....farms, 2002	336	493	115	62	215	112	67
.....acres treated, 2007	203,864	177,145	28,199	25,270	146,126	152,080	64,115
.....acres treated, 2002	188,197	186,180	25,789	15,253	96,709	63,916	40,076
Nematodes .....farms, 2007	8	13	-	-	8	1	-
.....farms, 2002	6	2	-	-	2	-	-
.....acres treated, 2007	2,894	2,346	-	-	338	(D)	-
.....acres treated, 2002	1,140	(D)	-	-	(D)	-	-
Diseases in crops and orchards .....farms, 2007	31	27	1	3	20	9	14
.....farms, 2002	10	13	6	10	3	2	-
.....acres treated, 2007	8,157	3,454	(D)	(D)	2,802	2,277	7,581
.....acres treated, 2002	6,406	1,562	18	1,274	(D)	(D)	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	2	5	-	-	2	-	-
.....farms, 2002	9	-	-	10	1	-	-
.....acres treated, 2007	(D)	559	-	-	(D)	-	-
.....acres treated, 2002	1,539	-	-	239	(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	Clay	Cloud	Coffey	Comanche	Cowley	Crawford	Decatur
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	354	307	331	112	509	490	211
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	176,085	219,244	98,603	78,933	159,271	151,514	202,996
..... 2002	191,900	211,167	76,704	75,440	171,870	143,032	161,315
Cropland fertilized, except cropland pastured ..... farms, 2007	336	293	253	96	419	330	210
..... 2002	359	346	292	115	411	363	270
..... acres treated, 2007	168,618	208,845	86,306	75,025	140,707	103,259	197,874
..... 2002	185,793	203,368	69,421	74,700	158,994	114,578	158,398
Pastureland and rangeland fertilized ..... farms, 2007	67	56	125	22	150	293	18
..... 2002	93	58	135	8	189	218	20
..... acres treated, 2007	7,467	10,399	12,297	3,908	18,564	48,255	5,122
..... 2002	6,107	7,799	7,283	740	12,876	28,454	2,917
Manure <sup>1</sup> ..... farms, 2007	67	31	32	5	29	56	15
..... 2002	91	9	45	8	49	45	12
..... acres treated, 2007	4,041	1,115	1,348	(D)	1,561	7,218	3,545
..... 2002	3,681	575	982	1,202	3,374	3,075	805
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	105	100	51	32	120	89	40
..... 2002	118	86	127	28	73	67	36
..... acres treated, 2007	23,605	40,197	8,235	7,625	31,061	17,961	11,815
..... 2002	14,737	13,420	29,604	3,922	20,007	15,130	5,283
Weeds, grass, or brush ..... farms, 2007	274	233	258	79	382	267	158
..... 2002	302	187	275	49	295	231	161
..... acres treated, 2007	141,545	152,934	87,674	41,718	124,068	96,162	160,063
..... 2002	150,352	116,882	91,421	12,612	109,077	86,988	78,106
Nematodes ..... farms, 2007	1	1	5	-	3	2	2
..... 2002	-	-	1	-	16	9	-
..... acres treated, 2007	(D)	(D)	1,260	-	(D)	(D)	(D)
..... 2002	-	-	(D)	-	6,110	-	225
Diseases in crops and orchards ..... farms, 2007	10	7	4	3	13	16	2
..... 2002	1	-	-	-	12	-	1
..... acres treated, 2007	1,770	(D)	125	407	1,087	6,701	(D)
..... 2002	(D)	-	-	-	2,674	-	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	-	-	9	-	-
..... 2002	-	-	1	1	7	1	2
..... acres treated, 2007	-	-	-	-	3,482	-	-
..... 2002	-	-	(D)	(D)	3,916	(D)	(D)
Item	Dickinson	Doniphan	Douglas	Edwards	Elk	Ellis	Ellsworth
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	638	402	557	212	148	361	215
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	278,252	146,167	98,119	235,136	44,413	149,465	119,328
..... 2002	290,146	108,292	78,904	207,253	28,662	130,323	126,508
Cropland fertilized, except cropland pastured ..... farms, 2007	572	330	390	208	90	355	209
..... 2002	598	232	343	226	62	405	278
..... acres treated, 2007	261,692	128,620	73,580	233,746	20,573	143,996	111,863
..... 2002	270,292	97,871	59,594	202,152	13,452	129,115	124,422
Pastureland and rangeland fertilized ..... farms, 2007	173	190	265	16	84	30	31
..... 2002	126	47	302	12	83	16	22
..... acres treated, 2007	16,560	17,547	24,539	1,390	23,840	5,469	7,465
..... 2002	19,854	10,421	19,310	5,101	15,210	1,208	2,086
Manure <sup>1</sup> ..... farms, 2007	138	35	145	23	8	58	12
..... 2002	138	53	122	14	10	98	19
..... acres treated, 2007	7,125	2,978	3,619	6,062	632	6,136	723
..... 2002	10,578	1,822	2,252	2,465	5,783	22,020	1,578
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	221	117	92	95	20	55	45
..... 2002	178	110	47	72	14	56	38
..... acres treated, 2007	39,311	40,361	7,718	60,635	6,216	5,733	5,619
..... 2002	18,043	41,044	2,574	47,796	286	10,070	5,166
Weeds, grass, or brush ..... farms, 2007	472	323	383	158	106	303	153
..... 2002	410	248	352	121	60	212	200
..... acres treated, 2007	199,738	135,323	89,647	161,433	30,359	134,595	68,967
..... 2002	173,311	98,284	80,054	101,294	22,648	73,517	52,328
Nematodes ..... farms, 2007	9	16	9	3	2	-	2
..... 2002	1	-	21	4	-	-	3
..... acres treated, 2007	1,749	6,590	6,025	(D)	(D)	-	(D)
..... 2002	(D)	-	21	6,104	-	-	320
Diseases in crops and orchards ..... farms, 2007	20	47	18	54	1	5	6
..... 2002	1	1	20	2	-	-	1
..... acres treated, 2007	4,787	14,221	514	38,401	(D)	766	2,282
..... 2002	(D)	(D)	408	(D)	-	-	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	3	-	-	-	-
..... 2002	-	-	-	2	10	-	-
..... acres treated, 2007	-	-	8	-	-	-	-
..... 2002	-	-	-	(D)	580	-	-

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	Finney	Ford	Franklin	Geary	Gove	Graham	Grant
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	288	346	547	124	258	267	155
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	364,156	269,298	107,736	43,265	249,330	194,064	168,271
.....acres treated, 2002	331,351	279,930	110,237	50,236	193,059	151,354	134,318
Cropland fertilized, except cropland pastured .....farms, 2007	285	335	408	117	256	266	151
.....farms, 2002	274	357	453	140	224	209	153
.....acres treated, 2007	359,256	267,053	83,186	36,483	239,565	184,538	167,939
.....acres treated, 2002	330,140	277,377	85,570	45,457	193,059	150,949	(D)
Pastureland and rangeland fertilized .....farms, 2007	13	24	251	31	12	18	6
.....farms, 2002	6	38	303	28	-	9	4
.....acres treated, 2007	4,900	2,245	24,550	6,782	9,765	9,526	332
.....acres treated, 2002	1,211	2,553	24,667	4,779	-	405	(D)
Manure <sup>1</sup> .....farms, 2007	47	27	114	17	32	17	40
.....farms, 2002	45	71	194	42	84	36	32
.....acres treated, 2007	10,465	8,153	4,884	1,184	6,441	2,426	8,874
.....acres treated, 2002	16,060	18,024	7,884	1,327	8,811	7,498	6,290
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	151	88	67	47	48	48	99
.....farms, 2002	143	68	113	49	33	38	76
.....acres treated, 2007	130,185	56,131	7,544	7,129	24,479	31,875	72,181
.....acres treated, 2002	93,989	41,071	11,736	4,313	4,025	6,628	38,018
Weeds, grass, or brush .....farms, 2007	235	275	392	108	210	195	129
.....farms, 2002	187	235	409	117	144	158	105
.....acres treated, 2007	322,716	229,968	87,644	33,172	209,645	145,659	152,067
.....acres treated, 2002	193,123	116,338	117,648	34,018	106,005	62,779	69,707
Nematodes .....farms, 2007	7	5	2	2	3	2	-
.....farms, 2002	5	2	1	-	1	-	3
.....acres treated, 2007	2,921	1,366	(D)	(D)	(D)	(D)	-
.....acres treated, 2002	3,328	(D)	(D)	-	(D)	-	611
Diseases in crops and orchards .....farms, 2007	84	58	7	5	15	6	33
.....farms, 2002	4	1	55	3	-	-	2
.....acres treated, 2007	82,151	33,880	(D)	114	8,686	862	16,778
.....acres treated, 2002	2,392	(D)	851	(D)	-	-	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	2	-	-	-	1
.....farms, 2002	2	3	16	2	1	-	8
.....acres treated, 2007	-	-	(D)	-	-	-	(D)
.....acres treated, 2002	(D)	1,237	32	(D)	(D)	-	1,280
Item	Gray	Greeley	Greenwood	Hamilton	Harper	Harvey	Haskell
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	237	145	233	143	297	542	158
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	277,926	215,714	58,774	208,994	236,996	239,434	234,029
.....acres treated, 2002	276,508	141,689	48,757	129,877	241,137	239,838	221,070
Cropland fertilized, except cropland pastured .....farms, 2007	226	142	159	142	288	509	156
.....farms, 2002	268	108	197	122	355	489	157
.....acres treated, 2007	269,345	215,160	33,546	(D)	217,458	236,997	230,621
.....acres treated, 2002	273,469	141,689	33,340	(D)	232,213	228,385	218,506
Pastureland and rangeland fertilized .....farms, 2007	34	5	102	1	43	67	10
.....farms, 2002	12	-	106	2	57	83	11
.....acres treated, 2007	8,581	554	25,228	(D)	19,538	2,437	3,408
.....acres treated, 2002	3,039	-	15,417	(D)	8,924	11,453	2,564
Manure <sup>1</sup> .....farms, 2007	50	15	25	14	13	122	37
.....farms, 2002	50	24	54	15	22	93	38
.....acres treated, 2007	27,051	6,618	1,144	6,491	935	6,208	17,686
.....acres treated, 2002	12,265	5,497	13,621	4,299	1,720	7,774	7,277
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	130	34	37	33	37	163	99
.....farms, 2002	168	19	61	21	95	147	87
.....acres treated, 2007	97,032	60,648	4,883	23,684	16,134	38,505	87,821
.....acres treated, 2002	77,264	7,503	3,090	7,035	31,749	28,359	82,882
Weeds, grass, or brush .....farms, 2007	213	119	205	99	145	418	122
.....farms, 2002	181	83	212	58	155	296	99
.....acres treated, 2007	241,995	215,519	61,298	162,930	86,579	198,861	162,987
.....acres treated, 2002	135,859	79,345	98,767	46,608	50,625	140,103	114,055
Nematodes .....farms, 2007	4	1	2	-	-	5	5
.....farms, 2002	3	-	8	1	-	-	-
.....acres treated, 2007	594	(D)	(D)	-	-	528	2,604
.....acres treated, 2002	390	-	56	(D)	-	-	-
Diseases in crops and orchards .....farms, 2007	83	16	4	15	8	41	71
.....farms, 2002	8	-	9	-	-	-	4
.....acres treated, 2007	59,354	7,311	438	14,737	4,840	8,291	61,327
.....acres treated, 2002	97	-	321	-	-	-	2,685
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	5	-	-	-	2	6	5
.....farms, 2002	1	-	-	-	6	9	12
.....acres treated, 2007	956	-	-	-	(D)	239	1,333
.....acres treated, 2002	(D)	-	-	-	4,065	554	5,567

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	Hodgeman	Jackson	Jefferson	Jewell	Johnson	Kearny	Kingman	Kiowa
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	234	582	661	356	287	157	494	177
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	199,785	112,679	131,258	242,672	51,115	172,881	254,977	135,068
..... acres treated, 2002	141,405	107,833	127,764	222,776	60,417	189,199	252,794	137,210
Cropland fertilized, except cropland pastured ..... farms, 2007	234	384	430	346	195	152	463	174
..... farms, 2002	208	382	490	388	244	141	486	180
..... acres treated, 2007	193,743	68,220	89,062	229,557	41,093	168,791	239,061	133,947
..... acres treated, 2002	(D)	65,910	86,612	211,280	42,657	181,528	236,301	126,439
Pastureland and rangeland fertilized ..... farms, 2007	19	352	387	66	149	14	73	8
..... farms, 2002	4	359	381	51	163	13	68	22
..... acres treated, 2007	6,042	44,459	42,196	13,115	10,022	4,090	15,916	1,121
..... acres treated, 2002	(D)	41,923	41,152	11,496	17,760	7,671	16,493	10,771
Manure <sup>1</sup> ..... farms, 2007	47	115	146	33	80	22	52	3
..... farms, 2002	55	125	117	28	97	25	30	8
..... acres treated, 2007	7,532	4,940	4,876	1,609	2,964	6,870	4,690	(D)
..... acres treated, 2002	11,262	8,041	8,019	1,127	4,433	17,634	1,683	997
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	62	62	78	121	53	62	109	54
..... farms, 2002	62	93	67	110	75	59	104	48
..... acres treated, 2007	37,593	11,173	19,456	21,825	5,691	47,314	25,921	28,093
..... acres treated, 2002	13,121	11,441	4,696	9,446	12,063	61,332	42,761	25,261
Weeds, grass, or brush ..... farms, 2007	180	415	468	289	177	130	274	131
..... farms, 2002	166	342	525	249	222	95	260	83
..... acres treated, 2007	173,945	84,049	90,632	182,455	18,447	164,246	107,290	91,890
..... acres treated, 2002	85,031	59,477	89,526	94,932	62,649	96,661	100,080	49,411
Nematodes ..... farms, 2007	2	2	8	7	1	8	6	-
..... farms, 2002	1	14	23	-	12	4	-	-
..... acres treated, 2007	(D)	(D)	2,067	1,521	(D)	2,745	1,061	-
..... acres treated, 2002	(D)	1,810	2,622	-	1,345	500	-	-
Diseases in crops and orchards ..... farms, 2007	47	6	17	15	11	19	10	23
..... farms, 2002	1	-	1	-	26	1	2	-
..... acres treated, 2007	27,130	810	9,028	8,705	82	18,387	1,516	14,863
..... acres treated, 2002	(D)	-	(D)	-	743	(D)	(D)	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	1	1	-	-	1	-	-
..... farms, 2002	-	-	-	11	12	4	2	3
..... acres treated, 2007	-	(D)	(D)	-	-	(D)	-	-
..... acres treated, 2002	-	-	-	1,265	24	(D)	(D)	(D)

  

Item	Labette	Lane	Leavenworth	Lincoln	Linn	Logan	Lyon	McPherson
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	562	145	679	305	418	168	455	840
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	173,216	130,729	73,588	186,652	82,537	178,560	100,811	357,946
..... acres treated, 2002	197,056	151,010	76,670	165,834	64,446	125,141	113,730	356,577
Cropland fertilized, except cropland pastured ..... farms, 2007	342	139	461	300	257	166	382	819
..... farms, 2002	366	187	510	286	265	200	431	777
..... acres treated, 2007	109,332	130,299	48,987	177,675	48,030	175,141	83,872	350,506
..... acres treated, 2002	105,378	150,550	58,420	161,554	53,906	124,201	96,213	339,560
Pastureland and rangeland fertilized ..... farms, 2007	376	9	393	37	264	9	135	93
..... farms, 2002	418	5	332	25	140	10	155	110
..... acres treated, 2007	63,884	430	24,601	8,977	34,507	3,419	16,939	7,440
..... acres treated, 2002	91,678	460	18,250	4,280	10,540	940	17,517	17,017
Manure <sup>1</sup> ..... farms, 2007	52	16	130	30	54	12	86	143
..... farms, 2002	78	34	154	13	41	25	69	140
..... acres treated, 2007	7,700	3,613	3,975	4,387	1,751	2,538	4,473	6,151
..... acres treated, 2002	2,103	3,372	3,972	786	1,129	1,412	3,027	7,530
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	93	27	87	73	44	25	85	256
..... farms, 2002	43	15	57	88	10	17	119	233
..... acres treated, 2007	24,287	16,690	4,771	13,536	8,652	19,217	16,021	34,085
..... acres treated, 2002	6,941	7,971	11,436	6,240	6,984	2,385	11,465	18,889
Weeds, grass, or brush ..... farms, 2007	299	121	446	223	289	126	385	600
..... farms, 2002	300	123	387	178	155	134	408	576
..... acres treated, 2007	111,309	115,069	54,832	125,083	57,162	131,184	110,028	234,586
..... acres treated, 2002	103,978	91,818	54,565	55,135	35,834	78,309	91,069	190,391
Nematodes ..... farms, 2007	2	1	8	1	2	-	2	5
..... farms, 2002	-	6	9	11	1	-	1	15
..... acres treated, 2007	(D)	(D)	311	(D)	(D)	-	(D)	306
..... acres treated, 2002	-	3,528	108	11	(D)	-	(D)	15
Diseases in crops and orchards ..... farms, 2007	6	31	19	11	2	17	12	21
..... farms, 2002	1	3	9	-	1	-	16	1
..... acres treated, 2007	1,618	20,070	267	5,630	(D)	7,523	(D)	5,138
..... acres treated, 2002	(D)	(D)	108	-	(D)	-	1,676	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	2	-	-	-	-	-
..... farms, 2002	-	2	1	14	1	1	-	-
..... acres treated, 2007	-	-	(D)	-	-	-	-	-
..... acres treated, 2002	-	(D)	(D)	314	(D)	(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	Marion	Marshall	Meade	Miami	Mitchell	Montgomery	Morris	Morton
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	643	655	216	844	305	396	284	142
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	274,981	261,697	225,873	126,488	276,796	126,676	110,753	209,686
.....acres treated, 2002	281,076	308,453	192,113	140,356	254,679	124,908	103,356	143,351
Cropland fertilized, except cropland pastured.....farms, 2007	593	605	209	555	294	225	252	139
.....farms, 2002	595	660	252	514	374	315	302	106
.....acres treated, 2007	253,484	241,148	224,415	78,217	261,806	94,387	95,633	207,775
.....acres treated, 2002	255,012	271,716	187,564	79,485	244,103	107,688	85,474	141,586
Pastureland and rangeland fertilized.....farms, 2007	167	192	16	495	32	261	76	9
.....farms, 2002	197	232	14	433	46	206	72	7
.....acres treated, 2007	21,497	20,549	1,458	48,271	14,990	32,289	15,120	1,911
.....acres treated, 2002	26,064	36,737	4,549	60,871	10,576	17,220	17,882	1,765
Manure <sup>1</sup> .....farms, 2007	168	147	27	136	25	42	46	5
.....farms, 2002	178	133	59	122	26	66	70	6
.....acres treated, 2007	9,218	6,070	9,094	4,024	2,776	2,444	3,526	606
.....acres treated, 2002	14,866	5,134	11,781	4,169	1,979	4,243	3,226	2,034
Chemicals used to control- <sup>1</sup>								
Insects.....farms, 2007	240	137	97	78	68	64	84	21
.....farms, 2002	247	176	117	90	102	73	88	21
.....acres treated, 2007	41,314	19,484	74,764	18,965	21,242	14,786	11,044	63,775
.....acres treated, 2002	37,289	24,118	63,530	9,423	12,717	9,144	5,742	12,872
Weeds, grass, or brush.....farms, 2007	471	516	175	451	229	287	227	84
.....farms, 2002	480	551	152	432	239	225	279	65
.....acres treated, 2007	183,050	219,101	162,737	81,796	173,040	94,833	87,031	165,461
.....acres treated, 2002	176,726	223,790	103,910	76,222	108,021	86,144	84,245	55,190
Nematodes.....farms, 2007	2	9	1	5	4	1	1	-
.....farms, 2002	-	7	3	1	-	-	-	-
.....acres treated, 2007	(D)	(D)	(D)	1,175	978	(D)	(D)	-
.....acres treated, 2002	-	2,982	2,391	(D)	-	-	-	-
Diseases in crops and orchards.....farms, 2007	8	15	60	35	25	13	2	10
.....farms, 2002	8	1	4	-	9	1	-	-
.....acres treated, 2007	2,987	1,755	57,009	2,412	9,004	507	(D)	22,285
.....acres treated, 2002	2,625	(D)	(D)	-	728	(D)	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	1	-	-	5	-	-	-	-
.....farms, 2002	24	-	1	-	3	2	2	4
.....acres treated, 2007	(D)	-	-	10	-	-	-	-
.....acres treated, 2002	9,036	-	(D)	-	1,112	(D)	(D)	664

  

Item	Nemaha	Neosho	Ness	Norton	Osage	Osborne	Ottawa	Pawnee
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	745	410	279	219	526	291	344	276
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	234,149	137,534	175,917	208,502	119,066	182,238	203,756	255,170
.....acres treated, 2002	205,438	135,149	181,549	156,351	98,303	209,679	158,938	269,081
Cropland fertilized, except cropland pastured.....farms, 2007	662	280	273	210	416	283	329	269
.....farms, 2002	630	328	312	269	390	357	329	298
.....acres treated, 2007	194,280	90,063	169,816	198,968	97,522	168,166	194,090	248,551
.....acres treated, 2002	166,240	97,580	(D)	148,555	75,970	199,497	141,277	253,788
Pastureland and rangeland fertilized.....farms, 2007	370	259	17	23	225	36	37	36
.....farms, 2002	328	230	2	16	223	45	34	34
.....acres treated, 2007	39,869	47,471	6,101	9,534	21,544	14,072	9,666	6,619
.....acres treated, 2002	39,198	37,569	(D)	7,796	22,333	10,182	17,661	15,293
Manure <sup>1</sup> .....farms, 2007	241	42	11	23	90	41	43	29
.....farms, 2002	148	49	37	18	32	42	36	38
.....acres treated, 2007	15,101	2,027	2,678	1,734	3,758	3,812	1,660	8,711
.....acres treated, 2002	9,164	3,246	1,333	1,629	1,587	2,776	2,098	5,860
Chemicals used to control- <sup>1</sup>								
Insects.....farms, 2007	138	60	26	37	74	77	101	111
.....farms, 2002	152	68	27	48	56	89	93	102
.....acres treated, 2007	28,206	13,674	12,819	10,568	9,138	11,551	18,023	57,108
.....acres treated, 2002	18,727	11,966	2,057	8,662	5,713	8,926	13,894	29,417
Weeds, grass, or brush.....farms, 2007	559	225	223	174	454	209	236	212
.....farms, 2002	529	218	242	94	432	230	284	170
.....acres treated, 2007	165,880	71,687	178,974	157,221	124,337	130,776	113,893	181,516
.....acres treated, 2002	148,814	70,343	105,492	50,804	108,746	88,917	79,234	114,647
Nematodes.....farms, 2007	11	5	-	2	-	4	2	3
.....farms, 2002	1	10	-	-	-	-	-	1
.....acres treated, 2007	909	819	-	(D)	-	346	(D)	160
.....acres treated, 2002	(D)	2,907	-	-	1,950	-	-	(D)
Diseases in crops and orchards.....farms, 2007	27	7	10	3	8	3	24	41
.....farms, 2002	10	22	-	-	-	-	2	6
.....acres treated, 2007	7,673	847	6,073	1,420	877	1,540	5,126	24,383
.....acres treated, 2002	10	130	-	-	-	-	(D)	1,505
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	2	-	-	-	-	1	-
.....farms, 2002	17	-	-	1	1	-	1	8
.....acres treated, 2007	-	(D)	-	-	-	-	(D)	-
.....acres treated, 2002	920	-	-	(D)	(D)	-	(D)	720

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	Phillips	Pottawatomie	Pratt	Rawlins	Reno	Republic	Rice	Riley
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	295	429	266	248	835	461	343	321
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	180,648	97,662	246,034	246,603	404,745	242,508	283,160	76,370
..... 2002	170,520	95,368	261,368	214,894	413,015	214,188	241,491	78,278
Cropland fertilized, except cropland pastured ..... farms, 2007	284	360	254	248	781	445	329	290
..... 2002	334	399	407	269	787	422	295	231
..... acres treated, 2007	169,540	80,009	239,618	231,555	396,290	231,306	276,020	63,814
..... 2002	167,505	75,242	246,781	208,006	395,312	206,230	226,844	63,609
Pastureland and rangeland fertilized ..... farms, 2007	31	148	26	16	107	79	46	83
..... 2002	26	154	53	12	142	44	41	57
..... acres treated, 2007	11,108	17,653	6,416	15,048	8,455	11,202	7,140	12,556
..... 2002	3,015	20,126	14,587	6,888	17,703	7,958	14,647	14,669
Manure <sup>1</sup> ..... farms, 2007	50	94	25	19	58	37	37	50
..... 2002	100	69	43	26	129	26	47	92
..... acres treated, 2007	3,944	5,906	3,921	2,059	11,837	2,027	2,228	2,621
..... 2002	3,818	2,972	6,123	3,415	6,401	861	2,387	3,164
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	65	96	100	44	318	147	113	86
..... 2002	65	65	89	29	270	166	130	102
..... acres treated, 2007	33,846	9,543	64,387	43,322	54,464	49,519	34,557	8,600
..... 2002	7,348	8,337	39,740	3,939	46,758	19,802	17,366	5,677
Weeds, grass, or brush ..... farms, 2007	271	354	188	189	576	390	268	256
..... 2002	238	324	169	168	530	288	223	231
..... acres treated, 2007	149,228	96,954	177,008	190,652	287,479	214,805	197,934	65,491
..... 2002	105,572	105,131	114,176	86,064	214,948	154,456	145,950	59,005
Nematodes ..... farms, 2007	1	6	2	-	20	18	2	8
..... 2002	2	1	2	1	3	-	1	6
..... acres treated, 2007	(D)	752	(D)	-	1,520	6,035	(D)	340
..... 2002	(D)	(D)	(D)	(D)	-	-	(D)	330
Diseases in crops and orchards ..... farms, 2007	8	11	43	8	34	44	7	6
..... 2002	14	12	2	1	2	7	-	5
..... acres treated, 2007	1,042	926	24,197	1,724	7,001	15,998	3,817	369
..... 2002	11,200	794	(D)	(D)	(D)	1,862	-	45
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	8	-	-	-	-	-
..... 2002	-	1	20	1	12	7	-	1
..... acres treated, 2007	-	-	5,799	-	-	-	-	-
..... 2002	-	(D)	4,660	(D)	1,510	532	-	(D)
Item	Rooks	Rush	Russell	Saline	Scott	Sedgwick	Seward	Shawnee
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	253	275	245	410	159	858	131	457
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	221,615	175,151	127,379	191,493	224,099	339,744	192,599	86,746
..... 2002	161,338	163,776	135,948	175,760	236,898	326,170	128,838	82,004
Cropland fertilized, except cropland pastured ..... farms, 2007	246	271	234	382	152	808	121	349
..... 2002	254	300	250	410	189	888	111	344
..... acres treated, 2007	203,673	171,429	119,986	186,643	218,408	332,871	190,385	73,887
..... 2002	158,332	161,690	134,740	174,194	234,178	313,003	126,113	69,243
Pastureland and rangeland fertilized ..... farms, 2007	31	29	31	59	104	104	12	173
..... 2002	3	31	9	23	21	162	13	191
..... acres treated, 2007	17,942	3,722	7,393	4,850	5,691	6,873	2,214	12,859
..... 2002	3,006	2,086	1,208	1,566	2,720	13,167	2,725	12,761
Manure <sup>1</sup> ..... farms, 2007	18	25	25	57	59	165	27	76
..... 2002	18	44	42	64	66	116	26	94
..... acres treated, 2007	5,221	2,468	1,261	2,729	32,051	7,326	5,457	2,221
..... 2002	1,671	2,531	1,538	3,539	26,433	5,126	11,011	3,088
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	58	67	62	136	54	267	75	90
..... 2002	57	61	69	120	85	386	51	126
..... acres treated, 2007	15,657	25,086	13,132	16,767	50,214	42,072	65,840	11,392
..... 2002	7,157	3,791	7,420	16,128	38,121	43,920	40,235	9,939
Weeds, grass, or brush ..... farms, 2007	215	227	206	296	147	606	113	392
..... 2002	189	237	179	176	163	606	75	381
..... acres treated, 2007	165,489	147,512	104,882	137,639	227,232	227,813	152,265	91,998
..... 2002	83,568	73,768	66,482	64,939	214,046	134,469	65,072	88,407
Nematodes ..... farms, 2007	-	5	3	1	-	5	4	7
..... 2002	1	2	-	-	25	12	2	37
..... acres treated, 2007	(D)	643	225	(D)	-	518	1,551	970
..... 2002	(D)	(D)	-	(D)	7,439	(D)	(D)	1,210
Diseases in crops and orchards ..... farms, 2007	5	15	1	9	46	33	36	16
..... 2002	1	-	-	-	-	30	-	32
..... acres treated, 2007	(D)	4,063	(D)	5,521	36,888	3,204	45,823	553
..... 2002	(D)	-	-	-	-	1,152	-	947
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	-	-	-	6	1	-
..... 2002	1	8	-	1	1	22	1	17
..... acres treated, 2007	-	-	-	-	-	(D)	(D)	-
..... 2002	(D)	3,579	-	(D)	(D)	1,361	(D)	530

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	Sheridan	Sherman	Smith	Stafford	Stanton	Stevens	Sumner	Thomas
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	284	257	341	295	163	166	731	338
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	279,256	320,462	238,612	295,862	201,060	283,873	481,456	439,213
.....acres treated, 2002	249,334	232,103	242,806	241,943	167,548	253,140	535,332	307,647
Cropland fertilized, except cropland pastured .....farms, 2007	281	256	333	282	161	153	679	332
.....farms, 2002	309	258	374	281	138	156	768	316
.....acres treated, 2007	273,372	319,582	224,409	292,471	200,616	279,396	471,022	436,009
.....acres treated, 2002	239,516	227,505	236,900	232,777	167,104	243,667	516,839	301,869
Pastureland and rangeland fertilized .....farms, 2007	18	7	45	27	6	21	121	20
.....farms, 2002	36	21	25	29	4	17	77	17
.....acres treated, 2007	5,884	880	14,203	3,391	444	4,477	10,434	3,204
.....acres treated, 2002	9,818	4,598	5,906	9,166	444	9,473	18,493	5,778
Manure <sup>1</sup> .....farms, 2007	43	14	46	48	17	17	53	31
.....farms, 2002	31	41	29	29	27	33	46	26
.....acres treated, 2007	7,312	1,131	4,947	7,700	10,813	4,202	2,384	4,885
.....acres treated, 2002	4,666	3,338	3,195	4,075	9,837	6,105	1,314	3,758
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	109	92	100	141	60	72	172	117
.....farms, 2002	106	85	106	120	80	88	169	92
.....acres treated, 2007	51,927	111,073	20,602	72,563	44,216	107,639	55,035	69,972
.....acres treated, 2002	38,420	45,609	16,086	46,737	57,720	81,697	56,826	47,971
Weeds, grass, or brush .....farms, 2007	206	197	273	208	119	120	486	264
.....farms, 2002	214	166	287	155	102	104	420	247
.....acres treated, 2007	201,802	305,463	165,786	190,826	160,814	215,758	294,614	374,546
.....acres treated, 2002	148,669	126,775	115,211	86,668	107,425	149,884	166,001	191,288
Nematodes .....farms, 2007	5	2	2	2	5	4	9	5
.....farms, 2002	5	2	-	3	-	1	1	-
.....acres treated, 2007	5,465	(D)	(D)	(D)	1,270	1,933	3,582	431
.....acres treated, 2002	1,158	(D)	-	998	(D)	-	(D)	-
Diseases in crops and orchards .....farms, 2007	32	17	4	34	31	35	24	42
.....farms, 2002	1	13	-	22	5	3	1	-
.....acres treated, 2007	14,359	11,316	(D)	13,150	35,609	37,163	5,368	17,378
.....acres treated, 2002	(D)	1,784	-	1,234	4,058	294	(D)	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	-	-	-	5	14	-
.....farms, 2002	10	1	-	-	2	17	12	1
.....acres treated, 2007	-	-	-	-	-	3,482	5,898	-
.....acres treated, 2002	2,124	(D)	-	-	(D)	11,743	3,011	(D)
Item	Trego	Wabaunsee	Wallace	Washington	Wichita	Wilson	Woodson	Wyandotte
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	210	348	132	536	190	319	177	77
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	138,443	66,897	130,511	269,146	207,713	138,437	64,807	9,748
.....acres treated, 2002	154,345	71,806	110,467	256,950	153,845	127,019	54,440	5,131
Cropland fertilized, except cropland pastured .....farms, 2007	208	248	130	499	188	243	139	57
.....farms, 2002	274	278	138	524	154	228	156	59
.....acres treated, 2007	136,250	55,725	(D)	247,345	205,389	119,082	53,118	8,241
.....acres treated, 2002	154,201	60,724	110,212	248,091	(D)	116,534	44,586	4,108
Pastureland and rangeland fertilized .....farms, 2007	13	145	4	119	10	137	71	33
.....farms, 2002	8	135	3	125	1	102	89	42
.....acres treated, 2007	2,193	11,172	(D)	21,801	2,324	19,355	11,689	1,507
.....acres treated, 2002	144	11,082	255	8,859	(D)	10,485	9,854	1,023
Manure <sup>1</sup> .....farms, 2007	22	56	12	128	45	19	15	11
.....farms, 2002	22	53	29	115	50	20	24	3
.....acres treated, 2007	2,275	1,675	1,625	8,524	35,744	1,892	613	310
.....acres treated, 2002	2,113	2,335	5,182	6,852	13,930	2,689	1,455	3
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	50	82	37	126	36	57	39	10
.....farms, 2002	47	46	41	164	23	43	45	31
.....acres treated, 2007	24,897	7,522	26,745	26,613	21,016	15,945	21,063	231
.....acres treated, 2002	2,469	2,736	25,678	14,613	5,855	9,869	5,288	678
Weeds, grass, or brush .....farms, 2007	175	285	102	424	151	218	128	38
.....farms, 2002	199	227	78	410	94	177	128	68
.....acres treated, 2007	121,434	56,909	111,884	205,329	174,627	116,227	56,523	7,849
.....acres treated, 2002	81,141	47,823	72,911	158,561	77,367	102,979	44,976	4,756
Nematodes .....farms, 2007	-	3	1	8	2	3	2	1
.....farms, 2002	-	-	-	-	-	-	-	8
.....acres treated, 2007	-	130	(D)	1,709	(D)	944	(D)	(D)
.....acres treated, 2002	-	-	-	-	-	-	-	62
Diseases in crops and orchards .....farms, 2007	15	17	5	16	47	2	1	2
.....farms, 2002	8	29	16	-	-	1	-	18
.....acres treated, 2007	7,303	2,175	1,661	5,744	38,430	(D)	(D)	(D)
.....acres treated, 2002	800	71	2,319	-	-	(D)	-	132
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	-	-	-	-	-	-
.....farms, 2002	-	13	-	2	-	17	-	7
.....acres treated, 2007	-	-	-	-	-	-	-	-
.....acres treated, 2002	-	13	-	(D)	-	8,268	-	86

<sup>1</sup> 2002 data are based on a sample of farms.

<sup>2</sup> 2002 farm count data are not comparable due to calculation change.