

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

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

Item	Arkansas	Arkansas	Ashley	Baxter	Benton	Boone	Bradley
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	19,607	340	166	242	691	528	88
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	6,275,628	314,209	94,206	18,496	57,786	49,537	4,270
.....acres treated, 2002	6,163,706	301,025	107,153	25,731	84,703	65,245	5,647
Cropland fertilized, except cropland pastured .....farms, 2007	11,360	324	126	92	302	223	49
.....farms, 2002	13,990	394	132	169	357	308	75
.....acres treated, 2007	5,400,375	312,991	92,387	3,313	19,958	11,029	1,904
.....acres treated, 2002	5,215,080	298,005	106,284	8,176	22,287	20,761	2,605
Pastureland and rangeland fertilized .....farms, 2007	10,699	18	61	188	528	406	46
.....farms, 2002	12,291	39	37	265	683	538	54
.....acres treated, 2007	875,253	1,218	1,819	15,183	37,828	38,508	2,366
.....acres treated, 2002	948,626	3,020	869	17,555	62,416	44,484	3,042
Manure <sup>1</sup> .....farms, 2007	6,775	18	19	39	409	288	49
.....farms, 2002	7,218	51	11	47	721	235	42
.....acres treated, 2007	668,787	3,544	936	1,373	33,779	28,339	2,373
.....acres treated, 2002	610,094	7,079	1,076	2,647	62,829	20,327	2,140
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	4,431	166	90	21	60	55	37
.....farms, 2002	4,770	168	89	7	135	45	21
.....acres treated, 2007	2,660,407	138,970	80,405	701	3,787	1,867	1,180
.....acres treated, 2002	2,073,357	73,945	87,072	175	6,476	801	676
Weeds, grass, or brush .....farms, 2007	14,268	264	103	147	709	381	40
.....farms, 2002	13,710	282	95	107	636	346	42
.....acres treated, 2007	5,563,192	279,314	85,830	9,817	58,740	30,539	2,298
.....acres treated, 2002	5,172,219	227,697	88,980	2,873	58,186	18,707	1,306
Nematodes .....farms, 2007	513	12	41	-	3	2	11
.....farms, 2002	432	16	30	-	-	-	10
.....acres treated, 2007	374,246	8,943	24,796	-	60	(D)	198
.....acres treated, 2002	223,251	1,230	25,840	-	-	-	345
Diseases in crops and orchards .....farms, 2007	1,933	159	28	6	14	14	13
.....farms, 2002	1,504	146	30	-	28	8	6
.....acres treated, 2007	1,391,413	130,384	11,647	24	480	115	434
.....acres treated, 2002	610,344	70,289	18,346	-	524	185	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	989	5	39	-	1	2	-
.....farms, 2002	1,121	2	45	-	-	-	-
.....acres treated, 2007	913,063	581	33,959	-	(D)	(D)	-
.....acres treated, 2002	869,072	(D)	56,788	-	-	-	-
Item	Calhoun	Carroll	Chicot	Clark	Clay	Cleburne	Cleveland
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	48	369	162	141	440	319	71
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	2,261	37,859	141,528	11,687	249,099	25,996	3,383
.....acres treated, 2002	2,612	52,723	126,171	20,003	251,870	22,038	6,901
Cropland fertilized, except cropland pastured .....farms, 2007	25	186	153	63	356	165	27
.....farms, 2002	26	231	202	43	482	172	48
.....acres treated, 2007	726	11,910	141,002	6,075	242,919	8,860	1,134
.....acres treated, 2002	1,080	22,915	124,414	8,719	246,009	8,343	2,114
Pastureland and rangeland fertilized .....farms, 2007	32	248	10	90	117	210	53
.....farms, 2002	34	247	29	120	137	323	56
.....acres treated, 2007	1,535	25,949	526	5,612	6,180	17,136	2,249
.....acres treated, 2002	1,532	29,808	1,757	11,284	5,861	13,695	4,787
Manure <sup>1</sup> .....farms, 2007	11	269	9	26	31	118	75
.....farms, 2002	13	302	3	11	48	163	42
.....acres treated, 2007	561	35,558	1,226	2,473	3,691	8,689	6,046
.....acres treated, 2002	862	31,081	(D)	1,987	2,465	6,491	5,149
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	14	33	112	17	103	23	8
.....farms, 2002	3	10	153	5	100	39	19
.....acres treated, 2007	374	984	99,049	967	76,627	1,081	298
.....acres treated, 2002	150	1,655	108,797	1,730	37,107	342	577
Weeds, grass, or brush .....farms, 2007	25	262	133	81	313	204	71
.....farms, 2002	21	149	177	63	410	191	42
.....acres treated, 2007	863	24,712	151,903	9,798	220,474	14,033	3,577
.....acres treated, 2002	651	21,471	150,090	11,381	211,152	11,304	2,638
Nematodes .....farms, 2007	1	3	18	-	23	1	-
.....farms, 2002	-	-	8	-	19	-	-
.....acres treated, 2007	(D)	9	12,606	-	13,968	(D)	-
.....acres treated, 2002	-	-	5,518	-	11,708	-	-
Diseases in crops and orchards .....farms, 2007	1	7	39	4	82	2	-
.....farms, 2002	1	-	24	-	35	12	3
.....acres treated, 2007	(D)	38	29,271	16	53,315	(D)	-
.....acres treated, 2002	(D)	-	13,914	-	16,332	72	6
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	32	-	33	-	-
.....farms, 2002	-	-	38	-	35	12	-
.....acres treated, 2007	-	-	25,211	-	34,052	-	-
.....acres treated, 2002	-	-	28,861	-	26,712	240	-

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	Columbia	Conway	Craighead	Crawford	Crittenden	Cross	Dallas
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	130	351	383	316	177	229	38
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	6,542	42,016	270,291	25,109	188,638	212,281	2,669
..... 2002	8,798	34,200	259,633	30,671	174,097	241,067	4,096
Cropland fertilized, except cropland pastured ..... farms, 2007	52	173	327	140	172	216	14
..... 2002	94	190	429	207	169	239	19
..... acres treated, 2007	2,368	24,629	265,960	12,787	188,446	211,060	688
..... 2002	3,356	22,377	258,102	19,371	174,067	236,277	1,498
Pastureland and rangeland fertilized ..... farms, 2007	87	250	69	222	6	19	25
..... 2002	121	181	58	191	5	33	25
..... acres treated, 2007	4,174	17,387	4,331	12,322	192	1,221	1,981
..... 2002	5,442	11,823	1,531	11,300	30	4,790	2,598
Manure <sup>1</sup> ..... farms, 2007	62	198	20	90	8	13	7
..... 2002	41	207	38	163	2	33	3
..... acres treated, 2007	6,282	25,606	2,128	6,211	(D)	3,821	332
..... 2002	3,953	14,090	4,160	14,247	(D)	4,021	113
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	16	55	185	56	90	113	2
..... 2002	21	46	233	63	99	125	1
..... acres treated, 2007	654	7,954	144,041	1,725	97,305	95,134	(D)
..... 2002	404	1,371	126,415	5,441	76,445	70,903	(D)
Weeds, grass, or brush ..... farms, 2007	90	249	320	205	153	201	11
..... 2002	108	174	373	129	159	215	17
..... acres treated, 2007	4,349	42,435	232,268	16,636	196,565	223,302	143
..... 2002	4,777	22,299	206,120	18,958	203,229	227,935	1,196
Nematodes ..... farms, 2007	1	1	54	5	7	10	-
..... 2002	-	-	78	-	19	3	-
..... acres treated, 2007	(D)	(D)	48,492	8	5,469	5,256	-
..... 2002	-	-	37,974	-	10,038	(D)	-
Diseases in crops and orchards ..... farms, 2007	1	13	92	22	47	108	-
..... 2002	2	-	107	4	26	79	-
..... acres treated, 2007	(D)	4,349	72,532	1,757	33,428	94,727	-
..... 2002	(D)	-	24,421	93	16,430	42,228	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	129	-	32	18	-
..... 2002	-	-	129	1	53	8	-
..... acres treated, 2007	-	-	121,274	-	29,520	6,872	-
..... 2002	-	-	93,179	(D)	34,720	(D)	-
Item	Desha	Drew	Faulkner	Franklin	Fulton	Garland	Grant
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	180	155	544	290	332	92	117
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	235,784	64,769	37,682	25,183	36,247	2,713	5,982
..... 2002	177,917	54,564	56,213	22,665	41,259	5,110	7,697
Cropland fertilized, except cropland pastured ..... farms, 2007	176	101	190	116	124	32	62
..... 2002	189	129	319	131	130	54	75
..... acres treated, 2007	(D)	60,386	14,176	9,350	6,137	(D)	3,187
..... 2002	177,186	50,714	38,771	8,527	6,371	1,415	3,960
Pastureland and rangeland fertilized ..... farms, 2007	4	65	418	209	267	61	63
..... 2002	4	78	320	191	314	81	88
..... acres treated, 2007	(D)	4,383	23,506	15,833	30,110	(D)	2,795
..... 2002	731	3,850	17,442	14,138	34,888	3,695	3,737
Manure <sup>1</sup> ..... farms, 2007	6	52	109	177	19	48	52
..... 2002	2	41	54	175	11	39	17
..... acres treated, 2007	1,201	7,638	7,328	16,032	2,681	1,766	2,978
..... 2002	(D)	2,182	2,540	20,930	1,150	2,342	771
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	147	72	74	35	6	24	23
..... 2002	145	105	77	31	25	24	23
..... acres treated, 2007	194,453	57,148	4,645	1,989	(D)	316	802
..... 2002	119,874	38,145	7,779	1,193	662	129	204
Weeds, grass, or brush ..... farms, 2007	142	99	305	229	139	72	61
..... 2002	170	140	189	198	165	76	55
..... acres treated, 2007	213,134	61,739	22,910	21,242	8,184	2,927	5,319
..... 2002	173,624	53,882	16,091	17,805	3,741	4,259	1,793
Nematodes ..... farms, 2007	38	16	2	-	1	3	3
..... 2002	32	10	-	-	16	5	-
..... acres treated, 2007	59,738	15,734	(D)	-	(D)	19	3
..... 2002	18,849	9,330	-	-	32	15	-
Diseases in crops and orchards ..... farms, 2007	56	28	14	9	1	6	-
..... 2002	38	33	6	3	16	1	1
..... acres treated, 2007	90,851	29,594	493	142	(D)	33	-
..... 2002	22,951	9,424	90	234	32	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	74	19	2	-	-	-	-
..... 2002	99	28	-	-	16	1	-
..... acres treated, 2007	84,378	18,976	(D)	-	-	-	-
..... 2002	72,130	21,437	-	-	32	(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	Greene	Hempstead	Hot Spring	Howard	Independence	Izard	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	375	306	227	222	450	264	269	247
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	197,496	33,258	10,620	22,258	78,791	26,597	200,440	210,811
.....acres treated, 2002	172,451	37,601	7,484	16,039	87,980	24,899	202,266	167,228
Cropland fertilized, except cropland pastured .....farms, 2007	287	133	116	87	187	122	243	208
.....farms, 2002	434	65	113	59	299	154	242	188
.....acres treated, 2007	190,947	12,447	4,592	4,578	44,933	7,087	198,009	209,336
.....acres treated, 2002	163,681	7,756	2,727	3,173	54,871	8,969	200,033	166,973
Pastureland and rangeland fertilized .....farms, 2007	123	214	139	169	328	183	36	50
.....farms, 2002	94	266	83	148	419	259	34	19
.....acres treated, 2007	6,549	20,811	6,028	17,680	33,858	19,510	2,431	1,475
.....acres treated, 2002	8,770	29,845	4,757	12,866	33,109	15,930	2,233	255
Manure <sup>1</sup> .....farms, 2007	57	160	57	200	109	65	44	37
.....farms, 2002	31	131	38	176	102	121	27	17
.....acres treated, 2007	7,515	16,715	3,411	17,121	17,027	8,911	11,733	6,273
.....acres treated, 2002	2,669	10,722	768	16,422	6,442	7,835	3,268	2,905
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	90	55	34	43	46	23	71	113
.....farms, 2002	160	47	8	27	98	71	75	124
.....acres treated, 2007	47,617	2,411	615	2,375	16,951	1,795	41,036	116,283
.....acres treated, 2002	37,165	1,231	51	759	3,748	3,396	38,900	94,148
Weeds, grass, or brush .....farms, 2007	287	244	126	233	327	168	191	181
.....farms, 2002	296	170	127	150	376	148	211	176
.....acres treated, 2007	187,949	26,057	7,384	22,280	61,950	16,093	178,807	173,183
.....acres treated, 2002	152,067	21,207	2,671	15,703	71,004	9,172	194,394	188,146
Nematodes .....farms, 2007	9	-	-	-	4	-	6	21
.....farms, 2002	9	1	-	-	-	-	6	33
.....acres treated, 2007	4,929	-	-	-	1,263	-	7,548	13,765
.....acres treated, 2002	3,890	(D)	-	-	-	-	1,666	17,642
Diseases in crops and orchards .....farms, 2007	45	3	3	2	21	2	81	70
.....farms, 2002	60	3	-	1	25	13	43	44
.....acres treated, 2007	32,136	3	(D)	(D)	10,969	(D)	62,759	51,727
.....acres treated, 2002	19,751	(D)	-	(D)	2,372	52	23,698	37,810
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	45	-	-	-	-	-	6	34
.....farms, 2002	57	1	-	-	-	-	10	52
.....acres treated, 2007	19,323	-	-	-	-	-	775	25,440
.....acres treated, 2002	20,236	(D)	-	-	-	-	1,858	37,980
Item	Johnson	Lafayette	Lawrence	Lee	Lincoln	Little River	Logan	Lonoke
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	196	102	335	190	145	175	376	373
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	19,022	42,304	158,055	244,545	96,973	38,527	42,295	229,329
.....acres treated, 2002	17,761	39,374	164,292	197,985	116,306	31,200	31,768	209,934
Cropland fertilized, except cropland pastured .....farms, 2007	91	62	232	182	104	94	176	276
.....farms, 2002	149	43	230	189	141	87	147	365
.....acres treated, 2007	10,639	31,670	141,821	243,698	93,686	21,797	17,666	220,364
.....acres treated, 2002	6,603	25,040	142,134	196,437	106,903	17,062	15,553	199,302
Pastureland and rangeland fertilized .....farms, 2007	139	55	139	10	44	108	256	134
.....farms, 2002	218	84	164	26	64	99	261	164
.....acres treated, 2007	8,383	10,634	16,234	847	3,287	16,730	24,629	8,965
.....acres treated, 2002	11,158	14,334	22,158	1,548	9,403	14,138	16,215	10,632
Manure <sup>1</sup> .....farms, 2007	174	74	79	16	75	64	257	46
.....farms, 2002	232	66	68	26	42	55	211	45
.....acres treated, 2007	18,217	14,652	8,686	2,291	8,236	9,319	21,868	3,277
.....acres treated, 2002	15,592	6,760	5,326	2,361	4,477	10,857	18,196	2,439
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	30	36	52	105	101	42	33	145
.....farms, 2002	28	20	51	108	113	54	33	154
.....acres treated, 2007	1,646	20,606	24,411	160,082	78,599	9,946	7,749	100,490
.....acres treated, 2002	324	15,772	18,851	105,020	93,286	8,206	2,490	80,662
Weeds, grass, or brush .....farms, 2007	175	96	252	148	134	113	308	292
.....farms, 2002	139	106	273	164	149	111	264	306
.....acres treated, 2007	16,242	30,491	134,927	229,713	93,178	17,818	38,637	201,047
.....acres treated, 2002	8,378	35,957	127,181	210,634	123,067	26,980	25,414	186,424
Nematodes .....farms, 2007	4	1	4	3	22	2	5	27
.....farms, 2002	-	2	-	7	25	-	-	22
.....acres treated, 2007	293	(D)	(D)	4,160	11,686	(D)	610	21,714
.....acres treated, 2002	-	(D)	-	4,922	10,684	-	-	12,386
Diseases in crops and orchards .....farms, 2007	10	8	43	44	35	12	3	94
.....farms, 2002	1	2	32	34	48	19	20	63
.....acres treated, 2007	140	5,042	37,187	59,775	31,396	2,905	(D)	90,912
.....acres treated, 2002	(D)	(D)	16,136	23,180	25,607	2,637	1,878	36,933
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	5	12	55	39	2	-	41
.....farms, 2002	-	5	-	49	56	13	-	30
.....acres treated, 2007	-	2,546	3,549	74,030	25,959	(D)	-	21,726
.....acres treated, 2002	-	2,234	-	50,351	36,806	4,407	-	19,611

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	Madison	Marion	Miller	Mississippi	Monroe	Montgomery	Nevada	Newton
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	510	205	241	281	141	120	119	282
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	52,683	22,601	63,767	349,262	182,242	10,878	9,458	21,498
..... acres treated, 2002	63,005	28,465	52,048	350,344	180,609	12,270	6,404	26,218
Cropland fertilized, except cropland pastured ..... farms, 2007	267	94	112	269	138	67	45	123
..... farms, 2002	364	183	110	338	201	103	73	218
..... acres treated, 2007	16,521	4,893	49,878	348,263	181,964	4,803	2,681	4,222
..... acres treated, 2002	21,709	12,007	35,619	350,134	180,038	5,625	2,647	7,348
Pastureland and rangeland fertilized ..... farms, 2007	373	152	149	12	5	80	87	219
..... farms, 2002	438	167	109	10	8	96	93	270
..... acres treated, 2007	36,162	17,708	13,889	999	278	6,075	6,777	17,276
..... acres treated, 2002	41,296	16,458	16,429	210	571	6,645	3,757	18,870
Manure <sup>1</sup> ..... farms, 2007	307	46	70	17	11	75	56	74
..... farms, 2002	282	35	83	4	10	114	61	40
..... acres treated, 2007	33,501	6,444	5,377	3,128	1,119	5,935	5,812	5,723
..... acres treated, 2002	26,649	3,949	4,521	(D)	2,688	12,717	3,854	227
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	37	9	58	225	75	21	14	11
..... farms, 2002	13	25	52	242	103	53	9	17
..... acres treated, 2007	1,396	366	32,162	282,928	75,252	629	158	(D)
..... acres treated, 2002	130	885	18,142	233,407	60,856	1,090	94	41
Weeds, grass, or brush ..... farms, 2007	299	113	131	249	120	95	88	108
..... farms, 2002	269	145	104	302	169	92	81	133
..... acres treated, 2007	27,364	9,728	50,348	341,773	142,851	6,787	7,830	5,104
..... acres treated, 2002	22,211	11,056	38,768	370,425	157,215	5,010	3,723	4,341
Nematodes ..... farms, 2007	3	-	2	58	10	-	1	1
..... farms, 2002	-	-	4	43	-	-	-	-
..... acres treated, 2007	(D)	-	(D)	74,552	5,372	-	(D)	(D)
..... acres treated, 2002	-	-	(D)	35,893	1,648	-	-	-
Diseases in crops and orchards ..... farms, 2007	10	-	20	61	55	-	3	2
..... farms, 2002	7	-	11	39	44	-	-	-
..... acres treated, 2007	73	-	10,713	53,023	56,452	-	(D)	(D)
..... acres treated, 2002	7	-	1,350	29,207	22,946	-	-	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	-	4	173	16	-	-	-
..... farms, 2002	-	-	203	2	12	-	-	-
..... acres treated, 2007	(D)	-	(D)	208,982	11,624	-	-	-
..... acres treated, 2002	-	-	(D)	197,692	7,113	-	-	-
Item	Ouachita	Perry	Phillips	Pike	Poinsett	Polk	Pope	Prairie
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	67	172	241	147	290	309	349	290
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	2,666	16,054	311,378	16,100	277,461	21,749	31,406	190,420
..... acres treated, 2002	4,252	19,084	230,841	18,461	280,258	25,972	31,762	218,000
Cropland fertilized, except cropland pastured ..... farms, 2007	36	90	235	80	269	129	168	248
..... farms, 2002	43	135	227	55	370	147	139	220
..... acres treated, 2007	895	10,147	309,461	6,095	276,113	7,336	15,795	187,814
..... acres treated, 2002	682	10,120	230,151	6,150	276,916	4,950	15,020	211,796
Pastureland and rangeland fertilized ..... farms, 2007	39	99	10	101	26	229	239	65
..... farms, 2002	52	133	3	129	28	252	332	44
..... acres treated, 2007	1,771	5,907	1,917	10,005	1,348	14,413	15,611	2,606
..... acres treated, 2002	3,570	8,964	690	12,311	3,342	21,022	16,742	6,204
Manure <sup>1</sup> ..... farms, 2007	18	87	2	104	18	213	189	28
..... farms, 2002	17	91	6	147	33	142	225	20
..... acres treated, 2007	1,308	8,000	(D)	7,861	3,110	16,584	13,641	2,235
..... acres treated, 2002	465	5,031	823	9,005	4,768	19,033	13,240	6,401
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	10	35	163	18	117	55	63	101
..... farms, 2002	12	13	154	27	234	68	13	85
..... acres treated, 2007	395	3,811	240,044	821	113,838	1,427	2,173	48,745
..... acres treated, 2002	234	2,523	164,350	1,755	119,679	3,506	1,599	39,682
Weeds, grass, or brush ..... farms, 2007	22	117	205	117	249	219	329	236
..... farms, 2002	35	115	208	125	332	246	264	197
..... acres treated, 2007	1,106	13,651	345,256	22,989	266,797	13,943	29,519	178,869
..... acres treated, 2002	1,208	10,868	235,493	14,719	269,245	19,384	22,425	182,553
Nematodes ..... farms, 2007	-	1	5	-	15	5	-	7
..... farms, 2002	-	-	12	-	8	-	-	5
..... acres treated, 2007	-	(D)	(D)	-	14,015	522	-	3,482
..... acres treated, 2002	-	-	3,814	-	4,677	-	-	461
Diseases in crops and orchards ..... farms, 2007	2	3	55	2	96	3	12	97
..... farms, 2002	2	1	29	1	52	-	-	59
..... acres treated, 2007	(D)	(D)	52,566	(D)	73,228	(D)	1,256	54,098
..... acres treated, 2002	(D)	(D)	18,016	(D)	21,289	-	-	19,604
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	-	-	53	-	66	-	-	4
..... farms, 2002	-	-	83	-	54	-	-	2
..... acres treated, 2007	-	-	53,897	-	55,158	-	-	(D)
..... acres treated, 2002	-	-	80,560	-	51,758	-	-	(D)

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	Pulaski	Randolph	St. Francis	Saline	Scott	Searcy	Sebastian	Sevier
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	189	377	177	136	149	248	198	206
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	42,851	117,456	175,665	6,380	11,231	31,951	12,610	16,877
.....acres treated, 2002	38,978	99,773	178,249	9,590	13,368	21,410	15,788	13,454
Cropland fertilized, except cropland pastured.....farms, 2007	125	164	159	73	71	128	80	94
.....farms, 2002	130	185	224	92	87	182	119	64
.....acres treated, 2007	34,842	85,880	173,293	2,887	4,526	7,458	4,659	4,807
.....acres treated, 2002	34,714	67,171	177,976	6,081	4,845	9,466	6,601	3,660
Pastureland and rangeland fertilized.....farms, 2007	80	271	25	85	94	160	137	144
.....farms, 2002	86	360	30	104	126	134	166	175
.....acres treated, 2007	8,009	31,576	2,372	3,493	6,705	24,493	7,951	12,070
.....acres treated, 2002	4,264	32,602	273	3,509	8,523	11,944	9,187	9,794
Manure <sup>1</sup> .....farms, 2007	28	70	9	32	128	19	83	128
.....farms, 2002	65	72	18	9	205	30	79	165
.....acres treated, 2007	813	12,518	931	1,442	12,185	1,910	6,874	11,278
.....acres treated, 2002	2,033	8,551	2,458	40	13,860	1,968	5,525	11,961
Chemicals used to control- <sup>1</sup>								
Insects.....farms, 2007	75	32	94	49	20	11	32	27
.....farms, 2002	98	59	98	60	7	10	25	29
.....acres treated, 2007	15,357	9,831	91,984	1,408	1,133	627	430	1,548
.....acres treated, 2002	12,851	10,160	73,532	1,538	(D)	80	794	429
Weeds, grass, or brush.....farms, 2007	128	233	141	103	122	110	193	164
.....farms, 2002	158	310	153	94	172	88	74	126
.....acres treated, 2007	39,366	88,563	153,206	3,644	8,170	12,186	11,462	13,901
.....acres treated, 2002	41,954	70,033	157,785	4,798	9,195	6,888	6,189	9,963
Nematodes.....farms, 2007	6	1	4	2	-	-	3	-
.....farms, 2002	2	1	3	-	-	-	-	-
.....acres treated, 2007	10	(D)	727	(D)	-	-	90	-
.....acres treated, 2002	(D)	(D)	15	-	-	-	-	-
Diseases in crops and orchards.....farms, 2007	33	20	52	11	1	-	12	4
.....farms, 2002	29	12	66	7	-	18	13	-
.....acres treated, 2007	8,662	31,780	41,764	17	(D)	-	20	11
.....acres treated, 2002	5,153	7,043	30,876	7	-	28	39	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	10	22	-	-	-	-	-
.....farms, 2002	3	-	16	-	-	-	-	-
.....acres treated, 2007	-	8,968	32,434	-	-	-	-	-
.....acres treated, 2002	1,691	-	15,650	-	-	-	-	-
Item	Sharp	Stone	Union	Van Buren	Washington	White	Woodruff	Yell
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	303	271	106	277	858	727	171	259
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	34,918	26,817	4,348	23,073	60,491	102,158	185,152	26,483
.....acres treated, 2002	25,204	38,976	7,789	29,434	78,581	118,038	177,794	34,910
Cropland fertilized, except cropland pastured.....farms, 2007	107	123	44	135	418	398	168	117
.....farms, 2002	220	159	71	158	577	571	156	151
.....acres treated, 2007	5,924	6,537	1,386	7,606	19,360	73,892	184,978	13,970
.....acres treated, 2002	6,063	7,045	3,574	10,006	30,295	90,378	177,599	17,773
Pastureland and rangeland fertilized.....farms, 2007	237	206	83	211	584	423	4	171
.....farms, 2002	191	364	113	238	723	429	7	227
.....acres treated, 2007	28,994	20,280	2,962	15,467	41,131	28,266	174	12,513
.....acres treated, 2002	19,141	31,931	4,215	19,428	48,286	27,660	195	17,137
Manure <sup>1</sup> .....farms, 2007	70	72	79	74	547	132	4	237
.....farms, 2002	79	132	51	80	634	104	4	288
.....acres treated, 2007	6,423	8,637	4,021	4,012	46,021	15,117	3,641	23,955
.....acres treated, 2002	7,665	8,114	1,477	6,091	52,723	9,463	375	30,590
Chemicals used to control- <sup>1</sup>								
Insects.....farms, 2007	26	21	38	23	112	102	70	31
.....farms, 2002	32	21	24	17	60	36	61	30
.....acres treated, 2007	2,327	777	1,514	717	2,896	22,104	56,627	1,045
.....acres treated, 2002	1,179	4,645	499	241	2,819	6,638	36,531	952
Weeds, grass, or brush.....farms, 2007	164	146	69	118	723	449	150	274
.....farms, 2002	144	131	64	134	584	443	134	189
.....acres treated, 2007	16,841	10,198	3,425	6,800	44,611	81,932	194,327	31,838
.....acres treated, 2002	9,601	9,251	3,105	6,260	38,307	73,247	178,267	18,188
Nematodes.....farms, 2007	1	1	3	1	7	5	6	1
.....farms, 2002	-	-	-	-	-	1	1	-
.....acres treated, 2007	(D)	(D)	(D)	(D)	17	(D)	5,264	(D)
.....acres treated, 2002	-	-	-	-	-	(D)	(D)	-
Diseases in crops and orchards.....farms, 2007	3	2	5	4	19	42	57	5
.....farms, 2002	34	1	-	-	12	6	35	9
.....acres treated, 2007	(D)	(D)	60	42	208	22,233	43,177	878
.....acres treated, 2002	679	(D)	-	-	1,706	998	21,079	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	-	-	-	-	-	1	13	-
.....farms, 2002	-	-	-	-	-	-	6	-
.....acres treated, 2007	-	-	-	-	-	(D)	11,291	-
.....acres treated, 2002	-	-	-	-	-	-	4,023	-

<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.