

Table 41. Fertilizers and Chemicals Applied: 2012 and 2007

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

Item	Kentucky	Adair	Allen	Anderson	Ballard	Barren	Bath
Commercial fertilizer, lime, and soil conditionersfarms, 2012	29,560	539	479	180	214	913	243
.....2007	38,848	767	654	212	241	1,222	363
.....acres treated, 2012	3,786,682	46,020	34,594	9,131	63,608	91,857	17,410
.....2007	4,227,204	57,203	45,647	8,450	62,332	102,797	19,797
Cropland fertilized, except cropland pasturefarms, 2012	22,580	402	332	115	167	683	213
.....2007	28,775	583	423	149	185	893	278
.....acres treated, 2012	3,096,038	29,839	17,045	4,921	60,088	66,530	12,303
.....2007	3,132,851	31,677	19,077	4,376	57,382	65,802	12,946
Pastureland and rangeland fertilizedfarms, 2012	13,741	307	298	83	64	540	83
.....2007	19,732	478	424	93	95	742	150
.....acres treated, 2012	690,644	16,181	17,549	4,210	3,520	25,327	5,107
.....2007	1,094,353	25,526	26,570	4,074	4,950	36,995	6,851
Manurefarms, 2012	9,167	167	108	50	39	286	70
.....2007	10,812	175	193	48	47	337	99
.....acres treated, 2012	376,121	6,656	3,167	1,357	3,161	14,742	1,662
.....2007	407,636	5,597	7,110	1,111	1,815	12,807	2,551
Acres treated to control--							
Insectsfarms, 2012	9,412	115	158	45	100	241	71
.....2007	9,751	119	154	45	79	256	124
.....acres, 2012	1,758,021	8,038	6,841	1,734	44,911	40,320	2,747
.....2007	1,148,425	3,816	2,732	591	26,939	19,340	2,177
Weeds, grass, or brushfarms, 2012	19,983	286	346	100	174	613	174
.....2007	16,287	209	223	69	161	496	145
.....acres, 2012	3,451,620	22,030	22,050	4,312	75,333	68,157	8,534
.....2007	2,342,623	8,929	13,750	1,535	58,864	33,323	4,783
Nematodesfarms, 2012	1,045	8	21	7	1	20	4
.....2007	577	4	6	1	3	11	4
.....acres, 2012	188,864	598	614	615	(D)	6,394	46
.....2007	62,975	57	43	(D)	(D)	275	(D)
Diseases in crops and orchardsfarms, 2012	2,573	29	57	19	18	42	17
.....2007	2,247	27	67	12	22	38	16
.....acres, 2012	397,006	477	1,437	63	7,505	4,247	240
.....2007	216,064	357	475	56	6,636	509	191
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	1,712	30	30	15	6	41	9
.....2007	1,575	27	18	4	7	28	24
.....acres on which used, 2012	44,358	605	1,554	297	135	1,271	237
.....2007	27,602	192	237	10	(D)	371	217
Item	Bell	Boone	Bourbon	Boyd	Boyle	Bracken	Breathitt
Commercial fertilizer, lime, and soil conditionersfarms, 2012	23	172	324	52	171	143	51
.....2007	26	255	353	94	234	218	72
.....acres treated, 2012	521	9,910	32,329	1,624	14,108	7,999	897
.....2007	815	13,688	37,183	2,353	13,839	10,500	1,492
Cropland fertilized, except cropland pasturefarms, 2012	15	136	239	34	125	129	46
.....2007	15	203	236	59	169	195	53
.....acres treated, 2012	(D)	8,321	20,505	628	9,506	5,710	564
.....2007	435	9,180	16,250	991	8,527	7,837	593
Pastureland and rangeland fertilizedfarms, 2012	11	54	131	29	88	41	16
.....2007	19	88	170	52	123	56	29
.....acres treated, 2012	(D)	1,589	11,824	996	4,602	2,289	333
.....2007	380	4,508	20,933	1,362	5,312	2,663	899
Manurefarms, 2012	7	96	120	35	78	107	22
.....2007	2	117	91	36	85	121	26
.....acres treated, 2012	25	2,467	5,958	526	3,699	4,382	(D)
.....2007	(D)	2,107	4,809	489	2,239	2,860	404
Acres treated to control--							
Insectsfarms, 2012	7	70	130	7	52	63	25
.....2007	6	87	126	6	38	102	23
.....acres, 2012	47	3,625	10,514	36	4,746	3,051	272
.....2007	244	2,048	6,228	34	775	3,020	115
Weeds, grass, or brushfarms, 2012	18	134	263	43	138	113	40
.....2007	14	122	174	55	97	108	39
.....acres, 2012	272	6,661	26,268	760	10,340	4,734	446
.....2007	118	4,635	13,213	808	4,044	3,995	583
Nematodesfarms, 2012	2	8	11	-	10	5	1
.....2007	2	3	3	1	-	5	-
.....acres, 2012	(D)	365	172	-	647	(D)	(D)
.....2007	(D)	(D)	92	(D)	-	87	-
Diseases in crops and orchardsfarms, 2012	6	20	27	-	19	7	9
.....2007	4	20	16	1	8	19	3
.....acres, 2012	58	1,785	1,746	-	597	(D)	20
.....2007	66	263	114	(D)	(D)	484	17
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	1	12	36	-	12	26	6
.....2007	-	16	29	-	5	21	1
.....acres on which used, 2012	(D)	228	1,095	-	247	264	82
.....2007	-	203	587	-	99	153	(D)

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

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

Item	Breckinridge	Bullitt	Butler	Caldwell	Calloway	Campbell	Carlisle
Commercial fertilizer, lime, and soil conditioners farms, 2012	592	149	271	219	344	183	118
..... 2007	791	203	368	241	419	227	144
..... acres treated, 2012	86,198	11,161	39,198	63,965	97,150	5,141	53,131
..... 2007	78,619	10,817	46,841	49,749	88,926	6,505	47,220
Cropland fertilized, except cropland pasture farms, 2012	434	109	201	158	282	149	109
..... 2007	545	141	227	165	322	183	116
..... acres treated, 2012	61,682	9,452	32,519	59,317	92,925	4,034	51,909
..... 2007	46,423	8,773	30,669	40,999	80,266	4,360	44,749
Pastureland and rangeland fertilized farms, 2012	337	62	126	100	105	57	20
..... 2007	500	89	243	129	156	93	50
..... acres treated, 2012	24,516	1,709	6,679	4,648	4,225	1,107	1,222
..... 2007	32,196	2,044	16,172	8,750	8,660	2,145	2,471
Manure farms, 2012	161	47	42	17	53	133	29
..... 2007	176	78	58	23	54	148	20
..... acres treated, 2012	14,867	962	2,746	1,145	2,118	2,104	3,352
..... 2007	8,017	1,129	2,772	2,121	2,369	2,391	2,444
Acres treated to control--							
Insects farms, 2012	180	24	71	77	182	51	75
..... 2007	188	39	38	61	170	63	58
..... acres, 2012	24,457	2,102	16,617	22,077	65,581	528	32,327
..... 2007	9,363	636	7,971	24,653	24,667	488	19,549
Weeds, grass, or brush farms, 2012	369	104	184	163	310	111	129
..... 2007	303	112	148	128	256	108	92
..... acres, 2012	61,855	9,373	32,719	62,511	109,282	1,949	63,381
..... 2007	26,537	6,684	22,253	39,628	66,782	1,351	51,512
Nematodes farms, 2012	29	1	7	2	12	9	10
..... 2007	7	5	4	3	11	2	7
..... acres, 2012	2,526	(D)	(D)	(D)	2,267	(D)	2,977
..... 2007	502	(D)	468	(D)	397	(D)	1,622
Diseases in crops and orchards farms, 2012	39	11	18	16	58	25	26
..... 2007	29	16	18	15	45	34	20
..... acres, 2012	4,218	215	3,317	7,954	18,442	154	9,398
..... 2007	415	347	1,968	8,992	4,123	121	4,365
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	36	4	1	10	27	4	9
..... 2007	37	15	3	8	25	4	6
..... acres on which used, 2012	998	85	(D)	234	747	37	165
..... 2007	683	59	(D)	(D)	335	10	261
Item	Carroll	Carter	Casey	Christian	Clark	Clay	Clinton
Commercial fertilizer, lime, and soil conditioners farms, 2012	73	256	481	594	210	87	264
..... 2007	139	379	663	627	294	144	359
..... acres treated, 2012	6,026	11,762	36,104	174,033	16,198	3,822	19,445
..... 2007	5,952	15,529	47,345	175,105	19,673	5,216	25,150
Cropland fertilized, except cropland pasture farms, 2012	63	184	407	478	157	78	175
..... 2007	113	265	550	456	213	118	253
..... acres treated, 2012	5,139	6,517	26,849	164,265	10,829	3,003	9,021
..... 2007	4,064	6,534	30,720	156,116	10,668	3,291	12,507
Pastureland and rangeland fertilized farms, 2012	21	130	230	240	86	28	184
..... 2007	46	191	353	339	122	60	234
..... acres treated, 2012	887	5,245	9,255	9,768	5,369	819	10,424
..... 2007	1,888	8,995	16,625	18,989	9,005	1,925	12,643
Manure farms, 2012	36	115	141	164	51	33	77
..... 2007	40	137	184	186	102	29	92
..... acres treated, 2012	392	2,878	4,158	6,357	1,219	536	3,413
..... 2007	687	3,231	3,997	9,775	2,627	819	4,690
Acres treated to control--							
Insects farms, 2012	20	44	98	345	92	34	29
..... 2007	40	65	97	250	89	28	47
..... acres, 2012	3,871	287	7,530	107,083	5,742	1,055	1,006
..... 2007	680	832	1,121	72,437	3,854	813	1,224
Weeds, grass, or brush farms, 2012	48	102	261	516	206	69	149
..... 2007	54	88	183	376	144	36	146
..... acres, 2012	2,751	2,554	20,391	195,380	12,670	2,099	10,620
..... 2007	1,057	1,380	6,530	137,562	5,525	1,400	8,284
Nematodes farms, 2012	2	1	10	56	8	8	1
..... 2007	1	-	1	20	8	2	4
..... acres, 2012	(D)	(D)	39	18,047	285	57	(D)
..... 2007	(D)	-	(D)	3,591	195	(D)	20
Diseases in crops and orchards farms, 2012	2	12	32	135	17	17	8
..... 2007	3	14	35	86	14	6	5
..... acres, 2012	(D)	60	424	37,718	93	198	183
..... 2007	(D)	95	267	16,449	74	126	80
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	6	5	18	65	22	6	10
..... 2007	11	14	9	16	15	8	9
..... acres on which used, 2012	112	29	165	2,575	549	165	64
..... 2007	69	109	53	1,310	551	349	131

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

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

Item	Crittenden	Cumberland	Daviess	Edmonson	Elliott	Estill	Fayette
Commercial fertilizer, lime, and soil conditionersfarms, 2012	216	96	417	260	146	110	209
.....farms, 2007	258	183	563	351	219	149	311
.....acres treated, 2012	42,446	6,040	134,375	17,565	6,581	4,189	28,402
.....acres treated, 2007	34,714	12,700	159,411	25,436	8,398	4,749	31,457
Cropland fertilized, except cropland pasturefarms, 2012	181	67	341	178	105	80	119
.....farms, 2007	167	139	433	222	161	109	194
.....acres treated, 2012	38,027	4,319	128,785	11,592	3,062	1,990	12,655
.....acres treated, 2007	23,468	6,688	146,502	12,794	4,161	2,836	10,328
Pastureland and rangeland fertilizedfarms, 2012	69	42	128	155	78	51	117
.....farms, 2007	140	104	209	222	120	63	138
.....acres treated, 2012	4,419	1,721	5,590	5,973	3,519	2,199	15,747
.....acres treated, 2007	11,246	6,012	12,909	12,642	4,237	1,913	21,129
Manurefarms, 2012	46	27	87	47	88	24	96
.....farms, 2007	54	37	114	56	87	23	132
.....acres treated, 2012	1,234	577	10,214	1,379	1,944	567	5,304
.....acres treated, 2007	3,058	1,998	6,601	1,704	1,602	328	10,000
Acres treated to control--							
Insectsfarms, 2012	70	21	205	43	22	18	98
.....farms, 2007	42	33	231	44	26	24	130
.....acres, 2012	21,563	1,716	87,472	3,740	(D)	162	5,442
.....acres, 2007	11,186	524	75,786	2,074	282	199	6,893
Weeds, grass, or brushfarms, 2012	162	52	355	128	60	73	199
.....farms, 2007	107	67	362	93	59	48	191
.....acres, 2012	42,067	3,581	167,076	9,588	839	3,428	22,232
.....acres, 2007	21,317	2,273	143,015	7,172	585	1,340	17,960
Nematodesfarms, 2012	3	1	33	3	1	1	7
.....farms, 2007	8	5	11	3	-	2	10
.....acres, 2012	(D)	(D)	5,619	(D)	(D)	(D)	693
.....acres, 2007	1,278	103	829	(D)	-	(D)	221
Diseases in crops and orchardsfarms, 2012	14	7	53	9	10	3	23
.....farms, 2007	4	7	65	3	6	7	41
.....acres, 2012	1,561	35	9,070	817	17	3	1,038
.....acres, 2007	(D)	31	18,581	(D)	20	74	791
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	-	3	30	5	4	1	12
.....farms, 2007	1	-	40	5	5	3	35
.....acres on which used, 2012	-	(D)	826	172	9	(D)	154
.....acres on which used, 2007	(D)	-	862	64	24	(D)	830
Item	Fleming	Floyd	Franklin	Fulton	Gallatin	Garrard	Grant
Commercial fertilizer, lime, and soil conditionersfarms, 2012	439	17	176	81	60	250	180
.....farms, 2007	510	31	195	76	91	334	319
.....acres treated, 2012	37,688	232	8,732	40,684	4,583	16,344	6,763
.....acres treated, 2007	35,124	643	9,969	63,958	6,273	21,708	10,514
Cropland fertilized, except cropland pasturefarms, 2012	368	13	136	74	46	202	144
.....farms, 2007	418	26	136	75	76	248	259
.....acres treated, 2012	26,669	172	6,361	40,564	3,554	10,711	4,184
.....acres treated, 2007	20,672	587	5,341	63,302	4,293	11,301	7,213
Pastureland and rangeland fertilizedfarms, 2012	165	5	75	7	20	87	62
.....farms, 2007	198	10	96	6	33	168	101
.....acres treated, 2012	11,019	60	2,371	120	1,029	5,633	2,579
.....acres treated, 2007	14,452	56	4,628	656	1,980	10,407	3,301
Manurefarms, 2012	212	9	67	14	19	71	116
.....farms, 2007	238	16	58	10	44	76	151
.....acres treated, 2012	6,478	55	1,357	1,914	603	3,781	2,533
.....acres treated, 2007	7,541	133	946	660	930	2,662	2,435
Acres treated to control--							
Insectsfarms, 2012	128	9	68	50	30	75	58
.....farms, 2007	117	8	60	36	40	96	89
.....acres, 2012	6,798	20	1,391	27,633	2,184	2,249	1,017
.....acres, 2007	4,197	10	2,558	21,691	1,021	1,764	938
Weeds, grass, or brushfarms, 2012	284	13	144	86	43	164	127
.....farms, 2007	201	20	108	56	47	108	123
.....acres, 2012	20,877	143	6,638	68,794	3,724	6,940	2,080
.....acres, 2007	9,240	383	4,241	57,933	779	1,818	1,622
Nematodesfarms, 2012	9	1	7	5	1	5	6
.....farms, 2007	6	2	3	2	-	9	5
.....acres, 2012	1,092	(D)	177	2,780	(D)	53	166
.....acres, 2007	131	(D)	(D)	(D)	-	156	55
Diseases in crops and orchardsfarms, 2012	27	-	13	17	13	16	5
.....farms, 2007	20	6	24	11	13	17	16
.....acres, 2012	1,701	-	138	10,120	687	241	59
.....acres, 2007	147	16	469	6,013	69	222	117
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	37	-	9	1	8	15	9
.....farms, 2007	16	-	9	-	6	18	15
.....acres on which used, 2012	580	-	321	(D)	174	344	158
.....acres on which used, 2007	207	-	85	-	127	147	144

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

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

Item	Graves	Grayson	Green	Greenup	Hancock	Hardin	Harlan
Commercial fertilizer, lime, and soil conditioners farms, 2012	498	629	499	165	162	643	8
..... 2007	599	727	628	314	196	833	8
..... acres treated, 2012	133,878	54,769	44,141	5,535	18,829	86,883	220
..... 2007	123,001	62,892	49,614	10,531	22,731	96,669	186
Cropland fertilized, except cropland pasture farms, 2012	425	423	391	120	116	437	5
..... 2007	474	505	475	231	132	582	5
..... acres treated, 2012	129,196	35,487	31,529	2,987	15,502	66,286	40
..... 2007	113,609	34,587	26,395	5,016	17,011	68,204	(D)
Pastureland and rangeland fertilized farms, 2012	123	391	255	78	75	391	6
..... 2007	189	471	404	148	113	515	3
..... acres treated, 2012	4,682	19,282	12,612	2,548	3,327	20,597	180
..... 2007	9,392	28,305	23,219	5,515	5,720	28,465	(D)
Manure farms, 2012	110	156	129	77	25	175	4
..... 2007	127	182	160	119	40	200	2
..... acres treated, 2012	11,517	6,609	3,676	1,449	674	4,431	10
..... 2007	14,862	6,896	3,573	1,660	1,133	5,698	(D)
Acres treated to control--							
Insects farms, 2012	289	104	141	35	45	151	6
..... 2007	240	118	147	36	44	197	4
..... acres, 2012	84,238	13,966	11,081	357	8,774	22,037	38
..... 2007	58,313	5,853	2,751	422	4,166	17,494	58
Weeds, grass, or brush farms, 2012	472	295	305	92	98	388	4
..... 2007	354	219	236	64	103	332	3
..... acres, 2012	162,056	30,991	26,055	1,387	14,910	70,567	49
..... 2007	105,860	18,572	8,309	1,057	13,073	53,951	35
Nematodes farms, 2012	28	10	9	2	4	20	-
..... 2007	21	4	7	3	4	16	-
..... acres, 2012	5,020	973	781	(D)	(D)	2,024	-
..... 2007	3,252	(D)	46	19	12	1,171	-
Diseases in crops and orchards farms, 2012	82	16	26	7	6	32	5
..... 2007	82	21	19	10	3	25	4
..... acres, 2012	17,624	2,149	1,009	44	544	2,987	34
..... 2007	9,982	270	200	154	(D)	1,444	58
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	47	16	39	4	5	24	-
..... 2007	25	27	23	9	5	33	2
..... acres on which used, 2012	1,981	365	979	160	110	220	-
..... 2007	1,285	1,563	210	97	74	532	(D)

Item	Harrison	Hart	Henderson	Henry	Hickman	Hopkins	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners farms, 2012	362	582	242	289	147	226	226	93
..... 2007	418	763	263	463	124	274	339	146
..... acres treated, 2012	27,632	36,439	104,654	27,104	83,210	51,848	12,307	4,068
..... 2007	24,857	49,994	113,596	28,036	79,097	67,575	13,823	5,164
Cropland fertilized, except cropland pasture farms, 2012	288	455	213	240	133	178	173	66
..... 2007	334	576	226	398	109	206	271	103
..... acres treated, 2012	20,306	24,553	102,102	20,952	82,392	48,358	6,911	3,358
..... 2007	14,812	27,743	110,327	19,556	77,468	61,934	7,666	4,111
Pastureland and rangeland fertilized farms, 2012	128	282	58	93	22	86	115	32
..... 2007	181	487	70	152	30	122	179	60
..... acres treated, 2012	7,326	11,886	2,552	6,152	818	3,490	5,396	710
..... 2007	10,045	22,251	3,269	8,480	1,629	5,641	6,157	1,053
Manure farms, 2012	130	150	21	98	46	42	88	31
..... 2007	125	201	45	105	54	44	103	63
..... acres treated, 2012	3,665	3,335	1,776	2,595	16,462	8,151	3,238	957
..... 2007	4,334	4,841	1,903	3,302	14,267	5,710	1,833	632
Acres treated to control--								
Insects farms, 2012	153	202	98	120	81	81	44	49
..... 2007	152	223	106	170	62	52	46	33
..... acres, 2012	10,756	11,884	60,978	5,610	74,658	41,690	558	2,283
..... 2007	3,608	7,016	49,316	5,237	45,681	23,719	2,694	2,773
Weeds, grass, or brush farms, 2012	262	316	221	195	137	178	93	76
..... 2007	191	316	190	198	96	147	77	83
..... acres, 2012	16,936	19,593	133,644	18,812	103,237	64,261	2,438	3,942
..... 2007	7,417	13,204	112,387	9,972	85,387	52,478	3,262	3,643
Nematodes farms, 2012	7	17	10	10	14	18	9	8
..... 2007	9	5	9	15	5	3	1	1
..... acres, 2012	587	1,329	13,207	193	1,589	16,316	84	(D)
..... 2007	269	81	957	642	3,000	(D)	(D)	(D)
Diseases in crops and orchards farms, 2012	32	46	23	21	25	12	8	16
..... 2007	37	30	25	24	27	23	16	12
..... acres, 2012	4,196	2,021	10,934	340	10,360	(D)	26	72
..... 2007	1,032	598	6,642	591	17,265	6,432	147	171
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	56	31	5	30	4	3	7	1
..... 2007	38	26	19	52	1	1	18	5
..... acres on which used, 2012	1,510	421	97	969	624	40	60	(D)
..... 2007	511	187	360	937	(D)	(D)	135	21

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

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

Item	Jessamine	Johnson	Kenton	Knott	Knox	Larue	Laurel	Lawrence
Commercial fertilizer, lime, and soil conditionersfarms, 2012	162	49	87	6	57	347	397	77
.....farms, 2007	220	78	141	3	154	459	494	114
.....acres treated, 2012	9,299	2,366	2,708	(D)	3,049	49,997	20,038	1,567
.....acres treated, 2007	9,466	2,074	3,049	80	9,543	52,831	25,874	3,451
Cropland fertilized, except cropland pasturefarms, 2012	105	25	72	1	46	255	304	56
.....farms, 2007	148	54	113	-	110	314	341	85
.....acres treated, 2012	4,919	573	1,775	(D)	2,216	41,602	9,876	945
.....acres treated, 2007	5,048	1,011	1,657	-	4,189	37,811	14,166	1,762
Pastureland and rangeland fertilizedfarms, 2012	73	36	25	5	28	191	211	27
.....farms, 2007	91	37	44	3	77	274	300	44
.....acres treated, 2012	4,380	1,793	933	61	833	8,395	10,162	622
.....acres treated, 2007	4,418	1,063	1,392	80	5,354	15,020	11,708	1,689
Manurefarms, 2012	72	23	69	7	27	76	142	27
.....farms, 2007	69	22	71	4	48	105	162	46
.....acres treated, 2012	1,710	263	1,347	137	417	1,783	2,865	436
.....acres treated, 2007	1,168	201	1,142	(D)	694	3,689	4,894	816
Acres treated to control--								
Insectsfarms, 2012	60	8	28	2	6	102	77	24
.....farms, 2007	76	12	30	-	18	120	60	21
.....acres, 2012	1,381	20	524	(D)	56	21,377	1,277	92
.....acres, 2007	1,409	70	412	-	540	15,834	910	212
Weeds, grass, or brushfarms, 2012	171	32	73	5	30	195	149	49
.....farms, 2007	114	24	53	-	45	203	117	26
.....acres, 2012	7,662	427	1,017	(D)	1,248	42,678	3,791	353
.....acres, 2007	3,023	168	400	-	1,502	28,597	2,410	365
Nematodesfarms, 2012	1	-	1	-	1	14	3	8
.....farms, 2007	2	2	-	-	3	11	1	-
.....acres, 2012	(D)	-	(D)	-	(D)	879	(D)	29
.....acres, 2007	(D)	(D)	-	-	15	760	(D)	-
Diseases in crops and orchardsfarms, 2012	10	1	7	1	1	27	33	13
.....farms, 2007	29	7	7	-	2	22	15	9
.....acres, 2012	25	(D)	33	(D)	(D)	4,388	353	37
.....acres, 2007	83	16	21	-	(D)	2,814	128	55
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	12	1	12	-	-	26	14	2
.....farms, 2007	21	-	11	1	3	17	21	4
.....acres on which used, 2012	120	(D)	40	-	-	720	168	(D)
.....acres on which used, 2007	306	-	54	(D)	(D)	279	151	12
Item	Lee	Leslie	Letcher	Lewis	Lincoln	Livingston	Logan	Lyon
Commercial fertilizer, lime, and soil conditionersfarms, 2012	52	2	13	228	506	113	512	85
.....farms, 2007	67	11	28	347	658	159	638	105
.....acres treated, 2012	1,365	(D)	52	15,260	37,140	38,827	137,080	10,013
.....acres treated, 2007	2,433	51	233	16,872	43,498	26,667	159,676	20,894
Cropland fertilized, except cropland pasturefarms, 2012	26	2	5	186	416	76	360	61
.....farms, 2007	43	9	19	303	523	89	441	74
.....acres treated, 2012	280	(D)	10	10,891	27,886	32,827	123,976	7,836
.....acres treated, 2007	685	(D)	(D)	11,639	28,075	17,993	136,068	15,547
Pastureland and rangeland fertilizedfarms, 2012	32	-	8	102	219	61	263	38
.....farms, 2007	38	2	9	142	363	101	359	51
.....acres treated, 2012	1,085	-	42	4,369	9,254	6,000	13,104	2,177
.....acres treated, 2007	1,748	(D)	(D)	5,233	15,423	8,674	23,608	5,347
Manurefarms, 2012	20	-	5	108	172	9	88	13
.....farms, 2007	28	2	6	131	160	24	106	14
.....acres treated, 2012	263	-	33	2,646	5,125	525	5,938	260
.....acres treated, 2007	725	(D)	40	3,344	5,803	1,002	4,086	308
Acres treated to control--								
Insectsfarms, 2012	8	-	5	51	135	24	211	25
.....farms, 2007	13	2	8	68	162	24	199	31
.....acres, 2012	47	-	10	3,178	5,940	7,848	98,985	11,169
.....acres, 2007	48	(D)	58	900	6,184	4,732	77,227	2,490
Weeds, grass, or brushfarms, 2012	27	-	11	138	282	82	417	72
.....farms, 2007	21	4	9	96	242	72	328	55
.....acres, 2012	523	-	44	9,306	22,515	33,935	148,240	14,259
.....acres, 2007	315	(D)	75	1,822	13,386	13,700	109,473	12,181
Nematodesfarms, 2012	3	-	-	6	7	8	32	8
.....farms, 2007	3	-	-	1	13	3	21	4
.....acres, 2012	4	-	-	135	287	2,475	5,746	575
.....acres, 2007	8	-	-	(D)	366	(D)	11,981	86
Diseases in crops and orchardsfarms, 2012	6	-	2	14	38	10	106	15
.....farms, 2007	2	-	1	12	28	5	42	11
.....acres, 2012	18	-	(D)	94	703	2,841	24,913	1,730
.....acres, 2007	(D)	-	(D)	29	234	(D)	17,387	659
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	3	-	2	16	20	1	48	2
.....farms, 2007	2	-	-	18	26	2	18	-
.....acres on which used, 2012	87	-	(D)	522	457	(D)	829	(D)
.....acres on which used, 2007	(D)	-	-	129	155	(D)	257	-

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

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

Item	McCracken	McCreary	McLean	Madison	Magoffin	Marion	Marshall	Martin
Commercial fertilizer, lime, and soil conditioners farms, 2012	165	53	216	365	84	518	231	6
..... 2007	204	54	246	499	170	552	282	6
..... acres treated, 2012	30,257	2,022	62,567	18,095	1,945	48,772	28,266	174
..... 2007	34,404	2,340	85,532	30,279	5,061	44,591	30,683	38
Cropland fertilized, except cropland pasture farms, 2012	130	27	198	242	65	414	136	4
..... 2007	166	34	210	319	137	453	148	6
..... acres treated, 2012	29,312	796	61,012	9,454	793	37,181	24,010	4
..... 2007	32,879	724	83,232	10,927	2,162	28,818	23,008	(D)
Pastureland and rangeland fertilized farms, 2012	47	43	36	173	39	266	120	4
..... 2007	65	38	53	272	72	292	179	1
..... acres treated, 2012	945	1,226	1,555	8,641	1,152	11,591	4,256	170
..... 2007	1,525	1,616	2,300	19,352	2,899	15,773	7,675	(D)
Manure farms, 2012	28	23	51	88	44	171	42	3
..... 2007	39	20	85	132	73	161	45	3
..... acres treated, 2012	480	353	8,270	2,820	403	5,124	4,728	84
..... 2007	420	469	12,476	2,076	1,427	5,847	2,157	(D)
Acres treated to control--								
Insects farms, 2012	67	7	120	94	18	176	58	2
..... 2007	81	3	91	137	21	166	38	2
..... acres, 2012	19,332	55	47,311	3,209	134	13,751	18,395	(D)
..... 2007	13,576	37	30,543	2,341	876	4,814	7,333	(D)
Weeds, grass, or brush farms, 2012	145	15	225	222	47	342	168	1
..... 2007	117	17	177	216	55	216	129	1
..... acres, 2012	34,763	467	86,986	10,523	632	30,379	32,574	(D)
..... 2007	24,160	351	79,557	4,756	876	11,358	20,939	(D)
Nematodes farms, 2012	12	-	15	14	1	27	1	-
..... 2007	11	-	5	3	-	11	3	-
..... acres, 2012	(D)	-	4,806	189	(D)	2,417	(D)	-
..... 2007	2,496	-	93	7	-	258	(D)	-
Diseases in crops and orchards farms, 2012	23	-	25	30	3	50	12	2
..... 2007	18	-	18	34	-	37	13	2
..... acres, 2012	3,596	-	8,022	157	3	5,508	(D)	(D)
..... 2007	2,156	-	2,737	213	-	1,471	631	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	10	-	13	36	2	26	4	-
..... 2007	2	-	11	24	4	30	8	-
..... acres on which used, 2012	236	-	138	561	(D)	827	(D)	-
..... 2007	(D)	-	177	232	7	385	46	-
Item	Mason	Meade	Menifee	Mercer	Metcalfe	Monroe	Montgomery	Morgan
Commercial fertilizer, lime, and soil conditioners farms, 2012	260	356	74	322	453	442	176	285
..... 2007	374	432	141	359	563	574	289	390
..... acres treated, 2012	23,939	44,374	5,165	22,493	29,798	44,912	10,571	12,309
..... 2007	26,298	47,153	7,179	21,137	42,527	54,978	18,913	16,310
Cropland fertilized, except cropland pasture farms, 2012	240	250	54	254	351	332	149	214
..... 2007	332	289	92	257	433	403	229	307
..... acres treated, 2012	21,444	35,522	3,133	16,048	17,108	27,645	7,505	5,442
..... 2007	19,706	30,750	2,874	12,884	21,635	27,330	9,932	8,342
Pastureland and rangeland fertilized farms, 2012	63	207	48	124	253	264	55	131
..... 2007	118	262	78	164	334	377	128	192
..... acres treated, 2012	2,495	8,852	2,032	6,445	12,690	17,267	3,066	6,867
..... 2007	6,592	16,403	4,305	8,253	20,892	27,648	8,981	7,968
Manure farms, 2012	91	116	38	144	137	158	48	135
..... 2007	128	127	40	146	167	168	72	136
..... acres treated, 2012	3,000	2,516	651	5,756	4,534	7,306	1,632	2,703
..... 2007	5,717	2,726	977	4,988	7,926	9,806	4,260	3,091
Acres treated to control--								
Insects farms, 2012	117	75	14	99	154	117	59	40
..... 2007	155	61	16	94	139	86	83	64
..... acres, 2012	11,798	16,398	(D)	5,607	5,244	10,746	1,552	515
..... 2007	4,696	6,808	156	2,136	3,638	3,841	2,417	583
Weeds, grass, or brush farms, 2012	203	207	43	223	262	313	121	131
..... 2007	164	177	27	169	184	228	99	122
..... acres, 2012	22,907	47,114	2,528	11,467	13,699	31,079	5,414	2,768
..... 2007	7,702	22,148	432	6,339	7,731	11,714	2,991	1,609
Nematodes farms, 2012	17	23	1	7	13	6	6	6
..... 2007	5	6	-	7	4	11	3	3
..... acres, 2012	464	2,467	(D)	142	337	226	91	43
..... 2007	75	291	-	45	48	169	290	14
Diseases in crops and orchards farms, 2012	21	30	4	15	37	22	17	8
..... 2007	19	9	1	14	22	17	18	15
..... acres, 2012	446	5,702	6	324	824	2,100	477	48
..... 2007	227	474	(D)	194	153	252	320	77
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	34	12	1	22	21	20	15	15
..... 2007	16	12	5	22	25	15	13	10
..... acres on which used, 2012	686	342	(D)	522	477	2,250	296	294
..... 2007	185	478	37	218	242	140	258	50

--continued

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

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

Item	Muhlenberg	Nelson	Nicholas	Ohio	Oldham	Owen	Owsley	Pendleton
Commercial fertilizer, lime, and soil conditionersfarms, 2012	244	527	186	355	139	189	64	241
.....farms, 2007	297	647	268	422	195	306	87	352
.....acres treated, 2012	41,124	62,401	11,484	52,311	11,807	14,538	1,473	10,728
.....acres treated, 2007	51,949	62,287	18,967	55,342	13,002	16,622	2,862	14,820
Cropland fertilized, except cropland pasturefarms, 2012	180	396	167	245	101	154	53	213
.....farms, 2007	199	501	224	274	129	259	75	292
.....acres treated, 2012	35,388	51,696	9,089	46,775	9,659	8,975	988	8,357
.....acres treated, 2007	43,237	47,486	12,469	44,633	8,992	10,396	1,423	10,944
Pastureland and rangeland fertilizedfarms, 2012	122	266	39	159	67	73	21	62
.....farms, 2007	164	326	92	233	90	106	26	113
.....acres treated, 2012	5,736	10,705	2,395	5,536	2,148	5,563	485	2,371
.....acres treated, 2007	8,712	14,801	6,498	10,709	4,010	6,226	1,439	3,876
Manurefarms, 2012	64	148	49	92	39	75	11	112
.....farms, 2007	69	204	55	109	51	90	31	128
.....acres treated, 2012	2,565	3,801	1,220	6,455	863	1,643	85	2,762
.....acres treated, 2007	4,289	6,841	3,266	7,111	1,631	2,385	378	2,971
Acres treated to control--								
Insectsfarms, 2012	66	173	102	82	41	77	33	74
.....farms, 2007	59	145	107	81	47	121	25	108
.....acres, 2012	10,287	25,920	4,858	27,841	2,350	2,349	376	3,182
.....acres, 2007	11,301	11,661	3,072	25,529	4,210	2,638	488	1,985
Weeds, grass, or brushfarms, 2012	168	326	146	240	102	132	38	116
.....farms, 2007	140	254	103	187	100	124	27	112
.....acres, 2012	41,780	48,779	7,061	52,908	9,220	6,304	509	4,526
.....acres, 2007	25,986	29,710	3,976	40,262	9,222	3,318	458	2,794
Nematodesfarms, 2012	2	13	3	10	6	9	2	9
.....farms, 2007	6	7	3	8	3	11	-	2
.....acres, 2012	(D)	3,693	(D)	1,586	47	368	(D)	169
.....acres, 2007	(D)	331	(D)	358	(D)	144	-	(D)
Diseases in crops and orchardsfarms, 2012	7	48	14	18	19	19	10	22
.....farms, 2007	15	39	16	16	11	28	9	26
.....acres, 2012	2,532	11,633	633	8,286	1,084	514	47	462
.....acres, 2007	2,786	1,696	120	(D)	1,172	118	24	313
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	12	20	24	9	9	24	7	16
.....farms, 2007	6	26	22	12	7	28	5	21
.....acres on which used, 2012	364	478	720	194	42	927	114	348
.....acres on which used, 2007	118	245	154	136	11	278	40	349
Item	Perry	Pike	Powell	Pulaski	Robertson	Rockcastle	Rowan	Russell
Commercial fertilizer, lime, and soil conditionersfarms, 2012	18	12	72	833	59	245	115	341
.....farms, 2007	23	16	74	1,102	107	331	186	481
.....acres treated, 2012	232	1,704	2,172	69,843	4,288	17,268	6,928	30,684
.....acres treated, 2007	589	354	3,676	81,736	4,638	17,341	9,683	35,564
Cropland fertilized, except cropland pasturefarms, 2012	16	8	51	636	49	198	82	215
.....farms, 2007	18	11	63	848	90	257	131	326
.....acres treated, 2012	(D)	(D)	1,785	46,289	2,750	11,463	4,573	15,995
.....acres treated, 2007	219	225	3,219	47,712	3,024	9,854	5,638	18,365
Pastureland and rangeland fertilizedfarms, 2012	2	7	26	517	23	114	70	212
.....farms, 2007	9	7	23	686	28	173	102	299
.....acres treated, 2012	(D)	(D)	387	23,554	1,538	5,805	2,355	14,689
.....acres treated, 2007	370	129	457	34,024	1,614	7,487	4,045	17,199
Manurefarms, 2012	3	7	24	202	41	75	46	98
.....farms, 2007	7	7	20	239	49	84	80	100
.....acres treated, 2012	65	(D)	159	6,177	733	1,726	1,116	3,926
.....acres treated, 2007	247	95	273	6,985	853	1,916	1,546	2,819
Acres treated to control--								
Insectsfarms, 2012	12	4	15	94	17	31	20	36
.....farms, 2007	7	4	23	135	33	46	32	58
.....acres, 2012	123	(D)	124	9,724	170	1,597	1,360	1,185
.....acres, 2007	65	85	518	3,884	392	762	602	1,722
Weeds, grass, or brushfarms, 2012	15	12	32	404	38	96	47	163
.....farms, 2007	8	9	39	305	35	82	56	158
.....acres, 2012	284	(D)	2,156	33,372	1,623	5,907	3,464	17,350
.....acres, 2007	66	119	3,007	16,876	1,301	2,877	1,683	8,970
Nematodesfarms, 2012	-	-	1	10	4	4	4	4
.....farms, 2007	-	-	2	8	3	4	-	7
.....acres, 2012	-	-	(D)	2,540	(D)	(D)	16	(D)
.....acres, 2007	-	-	(D)	732	36	5	-	72
Diseases in crops and orchardsfarms, 2012	5	-	2	27	5	13	10	12
.....farms, 2007	2	-	1	24	6	12	7	15
.....acres, 2012	5	-	(D)	2,110	47	181	(D)	112
.....acres, 2007	(D)	-	(D)	393	27	158	45	117
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	-	1	3	23	8	9	3	8
.....farms, 2007	-	-	7	22	13	6	5	11
.....acres on which used, 2012	-	(D)	21	469	63	204	15	110
.....acres on which used, 2007	-	-	65	335	155	48	39	197

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

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

Item	Scott	Shelby	Simpson	Spencer	Taylor	Todd	Trigg	Trimble	
Commercial fertilizer, lime, and soil conditioners	farms, 2012	227	483	218	175	433	374	202	163
	2007	308	667	284	233	538	411	230	260
..... acres treated, 2012	2007	14,880	58,770	55,797	16,576	38,912	95,091	59,910	9,176
	2007	16,760	62,144	76,985	14,455	40,535	109,840	60,801	10,846
Cropland fertilized, except cropland pasture	farms, 2012	165	391	151	145	359	334	131	143
	2007	220	523	187	184	412	333	148	219
..... acres treated, 2012	2007	9,314	52,560	51,899	13,532	30,704	88,149	50,364	7,567
	2007	8,994	52,124	69,637	10,266	28,416	98,513	47,723	8,324
Pastureland and rangeland fertilized	farms, 2012	101	164	104	62	228	155	115	46
	2007	128	243	145	88	290	182	136	86
..... acres treated, 2012	2007	5,566	6,210	3,898	3,044	8,208	6,942	9,546	1,609
	2007	7,766	10,020	7,348	4,189	12,119	11,327	13,078	2,522
Manure	farms, 2012	98	158	39	49	163	165	41	43
	2007	95	205	34	65	188	131	32	59
..... acres treated, 2012	2007	2,696	4,583	1,723	645	4,545	12,239	1,511	508
	2007	2,713	5,450	1,396	1,503	4,932	11,109	415	691
Acres treated to control--									
Insects	farms, 2012	86	208	105	66	130	256	94	52
	2007	121	223	71	70	117	211	78	78
..... acres, 2012	2007	3,190	26,941	44,679	3,180	11,321	79,321	36,197	3,625
	2007	5,009	15,926	18,911	1,344	6,342	59,291	34,096	1,490
Weeds, grass, or brush	farms, 2012	173	379	193	123	255	334	149	89
	2007	158	352	164	109	182	263	111	109
..... acres, 2012	2007	9,173	54,306	65,086	11,465	25,930	103,373	57,470	6,630
	2007	5,834	39,223	32,708	7,058	12,646	88,411	43,485	2,448
Nematodes	farms, 2012	8	23	10	11	13	44	13	3
	2007	2	17	2	2	6	14	2	2
..... acres, 2012	2007	314	2,757	2,364	465	113	7,286	6,743	(D)
	2007	(D)	383	(D)	(D)	126	4,417	(D)	(D)
Diseases in crops and orchards	farms, 2012	27	49	31	20	21	115	37	12
	2007	29	42	10	21	16	64	24	14
..... acres, 2012	2007	666	6,245	11,203	293	1,057	37,198	17,532	180
	2007	447	2,079	2,173	433	1,002	18,505	9,821	304
Chemicals used to control growth, thin fruit, ripen, or defoliate									
..... farms, 2012	2007	35	58	11	16	23	19	22	11
	2007	19	43	5	8	24	18	6	9
..... acres on which used, 2012	2007	901	1,926	83	370	406	693	572	237
	2007	285	556	(D)	58	287	1,210	218	125
Item	Union	Warren	Washington	Wayne	Webster	Whitley	Wolfe	Woodford	
Commercial fertilizer, lime, and soil conditioners	farms, 2012	191	611	357	387	205	122	101	199
	2007	212	875	459	410	231	220	150	261
..... acres treated, 2012	2007	135,780	92,735	32,075	31,104	59,707	4,926	4,870	23,404
	2007	142,827	102,045	34,495	36,639	70,223	9,275	6,252	27,972
Cropland fertilized, except cropland pasture	farms, 2012	158	421	282	283	155	89	77	139
	2007	185	519	360	294	179	152	121	163
..... acres treated, 2012	2007	129,176	75,946	21,811	19,287	56,554	2,946	2,544	11,186
	2007	133,838	71,305	21,156	21,417	63,285	5,526	3,256	6,970
Pastureland and rangeland fertilized	farms, 2012	70	349	171	237	81	61	58	100
	2007	74	543	232	269	93	127	73	130
..... acres treated, 2012	2007	6,604	16,789	10,264	11,817	3,153	1,980	2,326	12,218
	2007	8,989	30,740	13,339	15,222	6,938	3,749	2,996	21,002
Manure	farms, 2012	16	175	117	149	36	61	30	77
	2007	21	189	120	120	63	83	68	106
..... acres treated, 2012	2007	4,973	10,184	3,161	6,884	6,865	1,125	618	4,214
	2007	6,746	8,290	3,880	4,926	8,867	1,814	1,214	5,475
Acres treated to control--									
Insects	farms, 2012	103	193	109	63	67	25	21	74
	2007	86	168	125	54	69	29	24	111
..... acres, 2012	2007	108,796	50,003	8,975	2,622	47,385	236	252	2,732
	2007	71,618	26,968	5,967	1,743	35,450	467	353	5,138
Weeds, grass, or brush	farms, 2012	181	506	214	235	170	57	63	201
	2007	151	388	164	168	152	59	61	165
..... acres, 2012	2007	155,687	94,968	14,895	24,890	88,527	1,296	914	16,447
	2007	125,321	49,827	8,589	15,911	71,164	1,372	1,023	13,543
Nematodes	farms, 2012	15	18	18	15	6	8	1	17
	2007	7	13	4	5	6	1	-	7
..... acres, 2012	2007	21,368	6,512	4,813	1,325	1,662	75	(D)	1,102
	2007	3,700	620	(D)	44	2,011	(D)	-	225
Diseases in crops and orchards	farms, 2012	19	60	21	30	15	6	5	38
	2007	21	39	33	26	17	9	5	30
..... acres, 2012	2007	17,201	12,543	770	1,612	7,354	73	21	1,272
	2007	9,094	3,443	1,093	899	6,180	157	32	554
Chemicals used to control growth, thin fruit, ripen, or defoliate									
..... farms, 2012	2007	1	25	19	11	5	5	1	31
	2007	2	29	31	9	7	8	7	21
..... acres on which used, 2012	2007	(D)	1,421	377	168	88	37	(D)	635
	2007	(D)	240	544	148	102	195	30	701