

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

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

Item	Ohio	Adams	Allen	Ashland	Ashtabula	Athens	Auglaize
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	39,330	636	602	564	542	199	686
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	8,144,573	55,992	140,015	82,717	68,058	11,044	158,740
..... 2002	7,619,885	52,112	123,846	93,409	51,154	12,102	147,869
Cropland fertilized, except cropland pastured ..... farms, 2007	36,736	553	586	540	517	169	672
..... 2002	40,427	712	575	649	501	209	745
..... acres treated, 2007	7,979,599	45,900	139,699	80,932	67,248	8,756	157,735
..... 2002	7,430,881	39,576	123,798	88,281	49,718	8,230	147,604
Pastureland and rangeland fertilized ..... farms, 2007	6,451	244	35	97	68	70	35
..... 2002	7,482	271	12	124	110	110	39
..... acres treated, 2007	164,974	10,092	316	1,785	810	2,288	1,005
..... 2002	189,004	12,536	48	5,128	1,436	3,872	265
Manure <sup>1</sup> ..... farms, 2007	17,596	264	165	359	329	132	292
..... 2002	21,471	204	117	425	349	235	269
..... acres treated, 2007	805,897	7,772	7,009	18,757	16,165	3,876	18,342
..... 2002	845,582	4,867	2,575	23,980	13,338	5,710	15,251
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	11,735	138	151	163	168	28	256
..... 2002	11,530	206	109	219	165	38	226
..... acres treated, 2007	1,929,062	5,462	26,071	13,698	14,101	1,780	38,699
..... 2002	1,121,876	3,656	11,377	26,725	6,128	529	13,379
Weeds, grass, or brush ..... farms, 2007	28,826	284	498	440	413	82	616
..... 2002	31,767	306	496	544	369	79	598
..... acres treated, 2007	7,241,927	26,100	126,888	68,163	53,805	5,070	149,433
..... 2002	6,678,161	16,581	112,737	74,158	33,282	3,970	130,834
Nematodes ..... farms, 2007	1,009	4	20	12	11	-	30
..... 2002	633	-	11	15	31	-	3
..... acres treated, 2007	153,740	287	980	1,106	536	-	5,887
..... 2002	72,532	-	1,060	552	2,299	-	(D)
Diseases in crops and orchards ..... farms, 2007	2,737	14	28	31	63	7	32
..... 2002	2,401	112	10	37	76	10	9
..... acres treated, 2007	316,045	163	5,592	883	958	(D)	7,423
..... 2002	91,796	1,322	290	2,978	897	50	474
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	729	32	2	7	20	3	13
..... 2002	947	31	-	7	31	-	-
..... acres treated, 2007	27,621	303	(D)	113	415	5	367
..... 2002	39,835	407	-	105	318	-	-
Item	Belmont	Brown	Butler	Carroll	Champaign	Clark	Clermont
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	207	816	408	328	496	381	360
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	9,705	137,066	75,194	31,213	136,731	119,086	59,812
..... 2002	14,581	115,646	58,539	30,800	135,402	94,515	59,292
Cropland fertilized, except cropland pastured ..... farms, 2007	170	725	368	285	477	363	305
..... 2002	202	929	330	343	563	348	418
..... acres treated, 2007	6,510	131,482	73,250	28,780	135,805	117,782	58,392
..... 2002	12,485	109,711	56,429	27,222	132,993	92,863	57,389
Pastureland and rangeland fertilized ..... farms, 2007	72	200	91	94	60	50	101
..... 2002	108	193	89	82	119	58	173
..... acres treated, 2007	3,195	5,584	1,944	2,433	926	1,304	1,420
..... 2002	2,096	5,935	2,110	3,578	2,409	1,652	1,903
Manure <sup>1</sup> ..... farms, 2007	156	263	218	256	215	131	141
..... 2002	241	254	258	386	304	130	178
..... acres treated, 2007	4,616	6,392	6,168	10,513	8,570	5,895	1,781
..... 2002	4,789	4,688	6,179	13,438	6,456	4,670	4,498
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	19	216	112	73	191	168	90
..... 2002	38	300	130	82	263	146	201
..... acres treated, 2007	404	23,165	10,954	7,018	42,816	46,763	13,063
..... 2002	256	7,765	3,969	12,421	25,981	21,282	4,222
Weeds, grass, or brush ..... farms, 2007	77	486	299	201	401	313	196
..... 2002	77	542	329	243	413	315	335
..... acres treated, 2007	1,379	106,519	52,819	19,402	141,068	106,994	41,621
..... 2002	2,898	73,017	42,529	19,714	135,930	99,928	45,886
Nematodes ..... farms, 2007	-	27	11	4	21	15	12
..... 2002	-	-	-	9	1	23	5
..... acres treated, 2007	-	6,924	1,457	70	2,254	2,877	3,683
..... 2002	-	-	-	1,080	(D)	1,981	6,177
Diseases in crops and orchards ..... farms, 2007	3	49	21	15	36	40	29
..... 2002	21	78	46	20	40	50	12
..... acres treated, 2007	(D)	5,611	1,144	719	10,053	8,918	650
..... 2002	21	2,604	606	528	2,381	1,170	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	1	28	8	8	6	4	13
..... 2002	-	63	10	25	2	2	-
..... acres treated, 2007	(D)	252	111	136	507	122	133
..... 2002	-	2,913	10	578	(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	Clinton	Columbiana	Coshocton	Crawford	Cuyahoga	Darke	Defiance
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	519	527	397	440	43	1,164	660
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	168,508	61,807	56,095	163,649	319	245,616	143,060
.....acres treated, 2002	153,697	63,576	56,202	172,243	420	219,304	109,748
Cropland fertilized, except cropland pastured.....farms, 2007	507	470	367	429	35	1,135	648
.....farms, 2002	494	456	491	515	54	1,132	531
.....acres treated, 2007	167,577	59,379	51,252	162,904	241	243,098	142,465
.....acres treated, 2002	151,894	61,788	50,498	171,335	(D)	218,186	109,560
Pastureland and rangeland fertilized.....farms, 2007	47	125	110	30	10	98	29
.....farms, 2002	84	143	165	32	11	84	10
.....acres treated, 2007	931	2,428	4,843	745	78	2,518	595
.....acres treated, 2002	1,803	1,788	5,704	908	(D)	1,118	188
Manure <sup>1</sup> .....farms, 2007	111	368	295	163	20	493	134
.....farms, 2002	142	441	351	188	27	398	113
.....acres treated, 2007	3,853	17,904	14,916	8,660	76	35,816	8,871
.....acres treated, 2002	4,020	26,310	19,598	11,818	193	20,579	6,253
Chemicals used to control- <sup>1</sup>							
Insects.....farms, 2007	171	192	123	116	26	344	179
.....farms, 2002	173	158	210	149	34	252	49
.....acres treated, 2007	48,424	23,559	15,608	22,045	212	49,094	34,351
.....acres treated, 2002	23,247	9,130	18,987	17,559	145	32,022	11,359
Weeds, grass, or brush.....farms, 2007	403	367	309	388	24	1,009	527
.....farms, 2002	372	382	382	434	30	1,017	412
.....acres treated, 2007	145,819	41,869	42,468	160,338	152	240,429	143,455
.....acres treated, 2002	124,426	28,353	43,345	173,588	266	212,161	105,458
Nematodes.....farms, 2007	14	14	8	8	1	36	16
.....farms, 2002	2	14	1	9	3	23	-
.....acres treated, 2007	2,480	2,508	546	1,570	(D)	4,595	4,425
.....acres treated, 2002	(D)	700	(D)	1,392	8	3,057	-
Diseases in crops and orchards.....farms, 2007	53	37	30	25	11	64	37
.....farms, 2002	12	33	65	29	16	22	11
.....acres treated, 2007	8,255	2,726	470	4,086	57	6,628	4,993
.....acres treated, 2002	330	604	3,172	538	69	2,240	697
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	7	16	6	3	5	6	4
.....farms, 2002	1	32	41	13	3	24	1
.....acres treated, 2007	1,230	2,547	22	14	19	171	(D)
.....acres treated, 2002	(D)	2,040	1,334	603	8	751	(D)
Item	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	Gallia
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	392	261	504	347	200	484	351
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	90,716	62,825	108,344	165,116	37,874	146,471	17,288
.....acres treated, 2002	95,109	71,299	94,877	149,119	41,174	137,652	20,899
Cropland fertilized, except cropland pastured.....farms, 2007	362	248	464	322	192	473	281
.....farms, 2002	334	248	519	312	224	528	512
.....acres treated, 2007	90,021	62,392	105,523	163,484	37,586	145,803	10,812
.....acres treated, 2002	94,370	(D)	93,578	148,002	40,513	137,274	14,610
Pastureland and rangeland fertilized.....farms, 2007	54	22	105	43	20	19	173
.....farms, 2002	33	1	98	18	45	45	194
.....acres treated, 2007	695	433	2,821	1,632	288	668	6,476
.....acres treated, 2002	739	(D)	1,299	1,117	661	378	6,289
Manure <sup>1</sup> .....farms, 2007	143	75	238	78	60	170	187
.....farms, 2002	278	81	423	101	111	215	164
.....acres treated, 2007	7,748	3,551	8,152	2,470	1,750	13,748	3,829
.....acres treated, 2002	7,427	2,441	9,005	3,627	5,580	15,122	2,571
Chemicals used to control- <sup>1</sup>							
Insects.....farms, 2007	115	112	130	143	85	212	67
.....farms, 2002	80	117	236	107	90	164	139
.....acres treated, 2007	19,949	18,565	18,011	52,857	7,883	50,037	683
.....acres treated, 2002	13,023	12,892	25,812	29,232	3,606	35,291	868
Weeds, grass, or brush.....farms, 2007	258	210	379	274	147	397	133
.....farms, 2002	378	200	397	304	163	397	238
.....acres treated, 2007	94,830	58,100	98,322	163,981	34,911	125,112	4,025
.....acres treated, 2002	105,310	63,184	84,870	143,779	33,746	132,266	5,523
Nematodes.....farms, 2007	7	12	13	13	9	39	5
.....farms, 2002	2	16	38	-	1	11	-
.....acres treated, 2007	758	644	581	2,146	(D)	6,924	14
.....acres treated, 2002	(D)	400	2,140	-	(D)	1,896	-
Diseases in crops and orchards.....farms, 2007	39	37	49	20	29	42	15
.....farms, 2002	19	30	29	13	11	27	54
.....acres treated, 2007	5,208	1,995	3,574	10,514	1,213	5,124	60
.....acres treated, 2002	231	5,607	1,164	507	276	2,879	150
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	7	8	15	4	11	12	22
.....farms, 2002	2	18	21	-	4	14	12
.....acres treated, 2007	183	303	183	499	143	1,090	95
.....acres treated, 2002	(D)	3,497	3,241	-	(D)	3,577	24

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	Geauga	Greene	Guernsey	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	408	435	298	108	661	532	133
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	14,687	119,080	20,247	7,555	186,297	173,773	13,679
..... 2002	14,331	97,904	17,082	12,922	170,361	150,026	11,626
Cropland fertilized, except cropland pastured ..... farms, 2007	358	416	259	94	646	513	117
..... 2002	418	400	346	133	722	558	97
..... acres treated, 2007	13,638	117,747	14,865	7,053	185,840	172,580	11,813
..... 2002	13,791	96,997	12,238	12,175	170,277	148,981	8,437
Pastureland and rangeland fertilized ..... farms, 2007	94	64	105	18	35	35	43
..... 2002	70	68	112	55	13	81	73
..... acres treated, 2007	1,049	1,333	5,382	502	457	1,193	1,866
..... 2002	540	907	4,844	747	84	1,045	3,189
Manure <sup>1</sup> ..... farms, 2007	318	138	197	37	149	202	108
..... 2002	450	156	249	82	108	163	84
..... acres treated, 2007	6,518	5,407	6,231	616	5,086	17,467	4,130
..... 2002	11,026	3,856	6,459	969	3,566	15,904	4,399
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	99	176	29	52	181	111	21
..... 2002	111	193	61	70	115	97	7
..... acres treated, 2007	2,144	42,113	1,683	783	30,650	29,821	1,376
..... 2002	607	32,017	1,214	1,555	6,884	7,465	1,003
Weeds, grass, or brush ..... farms, 2007	269	356	110	59	542	402	63
..... 2002	312	324	173	93	601	399	32
..... acres treated, 2007	9,914	111,737	7,338	5,323	166,106	170,459	4,495
..... 2002	8,910	93,522	7,108	9,890	157,930	146,378	2,666
Nematodes ..... farms, 2007	4	12	3	2	18	7	1
..... 2002	-	14	-	-	1	12	1
..... acres treated, 2007	6	3,792	(D)	(D)	1,929	681	(D)
..... 2002	-	1,673	-	-	(D)	9,440	(D)
Diseases in crops and orchards ..... farms, 2007	49	60	5	18	32	14	4
..... 2002	78	33	19	53	18	1	2
..... acres treated, 2007	291	7,957	(D)	218	4,466	4,978	(D)
..... 2002	484	(D)	38	338	396	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	19	23	2	4	4	1	1
..... 2002	15	-	19	25	-	1	2
..... acres treated, 2007	149	336	(D)	(D)	(D)	(D)	(D)
..... 2002	30	-	38	30	-	(D)	(D)
Item	Henry	Highland	Hocking	Holmes	Huron	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	634	690	114	780	415	180	154
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	178,483	149,108	7,053	69,744	157,263	15,508	8,562
..... 2002	192,038	131,077	6,754	75,274	127,851	17,689	4,326
Cropland fertilized, except cropland pastured ..... farms, 2007	628	624	93	693	391	142	137
..... 2002	688	725	80	856	472	233	177
..... acres treated, 2007	178,437	142,337	5,764	62,428	156,578	11,953	7,241
..... 2002	192,038	122,549	5,693	67,094	126,774	12,737	3,876
Pastureland and rangeland fertilized ..... farms, 2007	10	168	47	249	56	84	44
..... 2002	-	177	80	342	44	96	9
..... acres treated, 2007	46	6,771	1,289	7,316	685	3,555	1,321
..... 2002	-	8,528	1,061	8,180	1,077	4,952	450
Manure <sup>1</sup> ..... farms, 2007	105	238	79	713	177	84	122
..... 2002	144	291	98	956	265	98	140
..... acres treated, 2007	3,682	10,543	1,556	31,488	7,431	2,497	5,282
..... 2002	5,535	11,769	790	39,306	10,478	2,416	3,921
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	196	161	19	293	139	26	21
..... 2002	136	107	26	460	118	38	28
..... acres treated, 2007	45,206	34,242	1,195	19,950	43,337	1,101	1,215
..... 2002	21,837	11,223	585	17,686	19,276	2,951	343
Weeds, grass, or brush ..... farms, 2007	530	461	61	467	329	78	95
..... 2002	635	465	73	720	357	114	105
..... acres treated, 2007	170,191	119,177	4,179	46,446	137,748	3,687	3,583
..... 2002	171,976	89,749	5,283	42,706	123,038	4,233	1,137
Nematodes ..... farms, 2007	16	23	2	7	7	2	2
..... 2002	-	1	-	17	6	-	8
..... acres treated, 2007	1,670	7,201	(D)	1,618	2,361	(D)	(D)
..... 2002	-	(D)	-	614	1,644	-	144
Diseases in crops and orchards ..... farms, 2007	43	41	5	40	41	8	9
..... 2002	25	1	-	18	14	14	21
..... acres treated, 2007	10,357	3,830	35	195	17,302	74	(D)
..... 2002	2,550	(D)	-	336	2,551	184	235
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	21	4	11	-	7	6
..... 2002	2	26	-	-	1	42	21
..... acres treated, 2007	(D)	1,195	(D)	100	-	23	77
..... 2002	(D)	62	-	-	(D)	488	170

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	Knox	Lake	Lawrence	Licking	Logan	Lorain	Lucas
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	602	138	211	647	453	426	239
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	109,259	5,669	5,782	125,833	125,150	80,501	51,689
.....acres treated, 2002	76,153	5,445	5,747	109,582	150,689	93,896	50,104
Cropland fertilized, except cropland pastured .....farms, 2007	554	127	159	575	432	399	221
.....farms, 2002	446	164	211	612	461	449	221
.....acres treated, 2007	106,172	5,607	3,764	123,263	124,105	78,614	51,323
.....acres treated, 2002	74,374	5,021	5,407	105,358	148,839	92,881	50,006
Pastureland and rangeland fertilized .....farms, 2007	125	11	81	149	57	57	20
.....farms, 2002	121	22	34	130	68	76	17
.....acres treated, 2007	3,087	62	2,018	2,570	1,045	1,887	366
.....acres treated, 2002	1,779	424	340	4,224	1,850	1,015	98
Manure <sup>1</sup> .....farms, 2007	401	38	110	353	191	186	52
.....farms, 2002	444	73	97	366	202	330	84
.....acres treated, 2007	13,966	689	1,526	12,285	12,252	8,694	1,215
.....acres treated, 2002	15,076	518	1,206	14,241	7,562	11,712	1,899
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	195	95	46	168	172	187	113
.....farms, 2002	154	112	47	194	98	69	77
.....acres treated, 2007	29,644	3,438	633	28,911	37,925	22,482	21,659
.....acres treated, 2002	16,238	3,113	219	20,515	15,608	5,512	10,077
Weeds, grass, or brush .....farms, 2007	420	101	95	460	389	350	172
.....farms, 2002	389	78	75	446	467	429	195
.....acres treated, 2007	87,257	4,490	1,914	108,667	126,498	66,972	46,177
.....acres treated, 2002	63,684	2,334	1,407	92,602	174,092	82,024	41,111
Nematodes .....farms, 2007	18	5	7	9	19	16	19
.....farms, 2002	1	2	-	10	8	5	6
.....acres treated, 2007	2,659	(D)	315	1,769	1,555	1,335	1,955
.....acres treated, 2002	(D)	(D)	-	250	800	267	3,539
Diseases in crops and orchards .....farms, 2007	30	41	14	54	44	76	28
.....farms, 2002	27	44	17	59	19	46	39
.....acres treated, 2007	3,109	1,149	43	3,218	6,819	3,159	2,901
.....acres treated, 2002	549	1,239	153	1,458	958	1,721	2,603
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	9	9	6	18	13	19	13
.....farms, 2002	3	17	45	36	-	29	11
.....acres treated, 2007	692	45	20	319	937	288	284
.....acres treated, 2002	(D)	75	265	470	-	861	48

  

Item	Madison	Mahoning	Marion	Medina	Meigs	Mercer	Miami	Monroe
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	436	290	410	449	235	903	648	228
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	183,957	33,347	144,582	56,247	13,655	216,570	137,628	10,501
.....acres treated, 2002	192,794	36,905	131,491	47,571	18,004	185,844	95,007	13,723
Cropland fertilized, except cropland pastured .....farms, 2007	416	274	392	400	214	888	615	201
.....farms, 2002	484	305	313	495	298	929	578	237
.....acres treated, 2007	183,196	32,388	144,074	55,441	10,014	215,775	136,829	7,652
.....acres treated, 2002	191,296	36,180	130,978	46,841	15,530	185,154	94,047	10,542
Pastureland and rangeland fertilized .....farms, 2007	38	43	41	101	90	48	65	85
.....farms, 2002	71	39	12	95	72	66	53	88
.....acres treated, 2007	761	959	508	806	3,641	795	799	2,849
.....acres treated, 2002	1,498	725	513	730	2,474	690	960	3,181
Manure <sup>1</sup> .....farms, 2007	112	184	130	262	124	527	191	185
.....farms, 2002	95	236	75	312	213	478	256	216
.....acres treated, 2007	5,331	8,825	8,052	9,719	3,615	60,374	7,187	5,168
.....acres treated, 2002	4,478	9,713	7,243	9,031	3,179	47,707	9,540	8,669
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	177	88	88	140	58	381	218	19
.....farms, 2002	138	138	64	122	70	259	246	20
.....acres treated, 2007	63,123	6,390	18,939	8,893	2,684	61,101	40,498	(D)
.....acres treated, 2002	25,992	7,966	15,369	3,827	1,763	34,297	13,266	231
Weeds, grass, or brush .....farms, 2007	377	219	313	285	97	750	476	89
.....farms, 2002	446	261	280	343	112	774	525	114
.....acres treated, 2007	173,086	23,385	135,923	42,607	4,932	191,240	133,522	2,399
.....acres treated, 2002	167,067	30,501	135,006	44,626	8,463	167,921	97,725	2,703
Nematodes .....farms, 2007	11	9	17	14	4	18	14	2
.....farms, 2002	3	20	10	2	3	23	11	-
.....acres treated, 2007	3,627	495	8,011	709	478	3,188	3,959	(D)
.....acres treated, 2002	3,225	1,645	380	(D)	(D)	1,372	(D)	-
Diseases in crops and orchards .....farms, 2007	45	30	27	59	25	50	35	7
.....farms, 2002	29	63	-	72	12	4	29	-
.....acres treated, 2007	13,480	377	6,637	1,262	603	5,515	4,442	16
.....acres treated, 2002	1,752	2,602	-	342	604	665	605	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	5	14	4	10	3	5	4	5
.....farms, 2002	10	13	-	8	3	2	1	-
.....acres treated, 2007	(D)	217	53	144	(D)	285	77	15
.....acres treated, 2002	289	82	-	67	21	(D)	(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	Montgomery	Morgan	Morrow	Muskingum	Noble	Ottawa	Paulding	Perry
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	440	186	457	454	148	366	456	250
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	77,600	11,597	104,101	39,400	6,324	80,840	170,648	34,517
..... 2002	54,641	17,608	118,502	44,465	11,593	74,625	140,807	35,563
Cropland fertilized, except cropland pastured ..... farms, 2007	415	161	419	395	134	362	450	225
..... 2002	382	203	464	522	268	417	411	272
..... acres treated, 2007	76,886	8,646	102,727	34,070	4,916	80,804	170,253	32,804
..... 2002	52,644	14,944	117,054	36,392	8,581	74,625	140,807	33,512
Pastureland and rangeland fertilized ..... farms, 2007	62	71	76	143	43	6	22	65
..... 2002	96	85	90	188	118	-	-	122
..... acres treated, 2007	714	2,951	1,374	5,330	1,408	36	395	1,713
..... 2002	1,997	2,664	1,448	8,073	3,012	-	-	2,051
Manure <sup>1</sup> ..... farms, 2007	126	126	249	341	82	66	89	163
..... 2002	184	152	335	511	58	58	71	216
..... acres treated, 2007	3,875	3,456	7,532	11,628	1,898	5,416	6,310	4,210
..... 2002	4,238	6,706	9,375	13,999	2,725	2,374	2,469	5,512
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	135	36	123	68	6	145	129	70
..... 2002	114	42	84	177	-	72	50	44
..... acres treated, 2007	20,412	1,999	20,999	4,682	(D)	24,894	39,844	5,118
..... 2002	11,082	4,374	15,685	5,304	-	7,092	11,250	4,572
Weeds, grass, or brush ..... farms, 2007	352	84	315	256	52	329	405	164
..... 2002	321	70	422	310	37	376	355	152
..... acres treated, 2007	79,958	3,158	97,583	21,325	1,843	81,407	169,486	26,280
..... 2002	48,902	6,729	113,297	24,857	580	72,949	136,007	23,559
Nematodes ..... farms, 2007	13	-	8	8	-	14	11	6
..... 2002	16	9	19	2	-	2	-	-
..... acres treated, 2007	665	-	579	395	-	920	1,659	164
..... 2002	2,986	180	19	(D)	-	(D)	-	-
Diseases in crops and orchards ..... farms, 2007	30	10	45	25	3	37	34	13
..... 2002	14	22	35	56	-	41	1	-
..... acres treated, 2007	3,009	94	8,175	1,043	17	3,330	9,277	400
..... 2002	825	315	206	268	-	1,998	(D)	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	6	7	10	2	1	8	4	1
..... 2002	9	19	1	33	-	3	-	-
..... acres treated, 2007	23	107	217	(D)	(D)	239	68	(D)
..... 2002	57	106	(D)	1,731	-	355	-	-
Item	Pickaway	Pike	Portage	Preble	Putnam	Richland	Ross	Sandusky
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> ..... farms, 2007	446	203	360	707	1,059	491	401	515
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	216,881	21,811	44,448	175,289	222,626	83,197	103,656	133,308
..... 2002	183,753	20,959	45,979	137,182	215,504	75,858	124,731	137,431
Cropland fertilized, except cropland pastured ..... farms, 2007	418	164	340	672	1,055	461	356	507
..... 2002	422	231	435	666	1,089	537	364	528
..... acres treated, 2007	215,123	18,958	43,418	174,062	221,975	81,599	100,239	132,851
..... 2002	180,461	18,366	44,716	134,685	214,337	74,829	120,325	134,664
Pastureland and rangeland fertilized ..... farms, 2007	62	77	64	106	19	96	94	25
..... 2002	114	56	113	132	38	135	99	26
..... acres treated, 2007	1,758	2,853	1,030	1,227	651	1,598	3,417	457
..... 2002	3,292	2,593	1,263	2,497	1,167	1,029	4,406	2,767
Manure <sup>1</sup> ..... farms, 2007	123	80	213	257	235	334	143	141
..... 2002	155	108	286	275	463	363	183	236
..... acres treated, 2007	4,509	1,443	7,034	9,221	15,427	14,740	5,042	3,640
..... 2002	12,778	3,444	6,962	8,026	17,201	17,237	5,023	10,522
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	159	38	91	221	376	158	99	208
..... 2002	213	44	99	273	284	161	83	171
..... acres treated, 2007	63,391	3,429	5,815	45,333	61,014	16,333	19,166	35,524
..... 2002	42,324	2,064	7,252	36,863	21,743	26,831	16,502	19,531
Weeds, grass, or brush ..... farms, 2007	360	107	245	582	934	359	308	432
..... 2002	376	172	360	603	965	471	327	466
..... acres treated, 2007	202,548	18,012	34,799	164,137	215,274	69,479	88,757	134,031
..... 2002	154,908	14,049	34,172	111,344	208,241	67,305	104,195	125,825
Nematodes ..... farms, 2007	10	2	3	18	39	11	14	32
..... 2002	-	-	-	-	25	-	10	-
..... acres treated, 2007	2,677	(D)	(D)	1,703	4,096	603	3,872	5,365
..... 2002	-	-	-	-	684	-	(D)	-
Diseases in crops and orchards ..... farms, 2007	32	18	28	34	58	23	23	56
..... 2002	3	27	25	8	31	20	-	16
..... acres treated, 2007	5,210	950	712	5,672	7,142	1,904	4,373	8,547
..... 2002	(D)	118	116	8	2,089	59	-	926
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	5	3	4	1	30	6	3	14
..... 2002	2	12	16	-	7	-	7	2
..... acres treated, 2007	(D)	20	(D)	(D)	2,183	135	(D)	579
..... 2002	(D)	360	(D)	-	5,338	-	21	(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	Scioto	Seneca	Shelby	Stark	Summit	Trumbull	Tuscarawas	Union
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	313	775	691	630	140	518	405	525
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	30,523	192,621	151,577	73,888	5,790	67,467	49,134	149,376
.....acres treated, 2002	40,869	179,915	131,554	78,078	4,115	53,461	47,426	161,509
Cropland fertilized, except cropland pastured .....farms, 2007	239	764	678	585	120	482	374	496
.....farms, 2002	303	835	737	661	113	431	440	544
.....acres treated, 2007	26,529	191,822	150,801	71,946	5,554	65,702	45,801	148,617
.....acres treated, 2002	35,302	179,342	130,720	76,246	3,286	51,543	45,086	160,400
Pastureland and rangeland fertilized .....farms, 2007	149	55	49	120	31	115	117	63
.....farms, 2002	192	40	35	162	49	150	100	48
.....acres treated, 2007	3,994	799	776	1,942	236	1,765	3,333	759
.....acres treated, 2002	5,567	573	834	1,832	829	1,918	2,340	1,109
Manure <sup>1</sup> .....farms, 2007	124	238	266	426	65	296	327	206
.....farms, 2002	120	330	302	516	139	459	422	267
.....acres treated, 2007	2,171	7,558	19,225	18,286	812	7,741	19,042	13,128
.....acres treated, 2002	5,194	10,548	20,791	24,015	1,212	11,848	15,757	8,378
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	48	156	214	164	54	111	87	161
.....farms, 2002	62	117	200	238	61	24	96	83
.....acres treated, 2007	7,212	36,148	33,174	19,715	2,493	7,357	8,642	36,521
.....acres treated, 2002	5,737	14,030	25,502	15,516	1,322	4,775	11,888	11,966
Weeds, grass, or brush .....farms, 2007	136	635	571	465	99	358	246	432
.....farms, 2002	210	740	649	465	95	401	288	479
.....acres treated, 2007	22,934	168,060	141,801	62,076	4,021	51,368	34,716	151,684
.....acres treated, 2002	28,114	165,983	127,262	64,290	3,962	43,121	24,302	168,153
Nematodes .....farms, 2007	2	24	22	10	6	5	8	13
.....farms, 2002	6	28	15	12	1	1	9	9
.....acres treated, 2007	(D)	3,490	3,197	1,640	(D)	2,196	564	2,474
.....acres treated, 2002	953	2,086	447	265	-	(D)	(D)	590
Diseases in crops and orchards .....farms, 2007	15	34	24	38	29	35	23	52
.....farms, 2002	44	20	1	44	47	15	22	21
.....acres treated, 2007	2,281	6,063	2,174	506	881	4,995	570	14,436
.....acres treated, 2002	3,816	698	(D)	1,283	1,561	15	586	75
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	4	4	9	9	12	10	3	3
.....farms, 2002	16	7	25	7	16	-	24	1
.....acres treated, 2007	82	226	2,221	67	78	(D)	(D)	(D)
.....acres treated, 2002	85	210	616	70	67	-	256	(D)
Item	Van Wert	Vinton	Warren	Washington	Wayne	Williams	Wood	Wyandot
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	547	73	385	424	1,000	471	737	386
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	192,787	4,663	54,846	28,850	143,567	135,650	206,307	156,814
.....acres treated, 2002	169,014	5,169	51,843	30,904	141,799	128,954	216,121	123,151
Cropland fertilized, except cropland pastured .....farms, 2007	544	61	347	367	941	466	716	381
.....farms, 2002	538	68	337	461	1,058	503	740	465
.....acres treated, 2007	192,471	3,895	53,402	24,577	140,030	135,376	205,853	156,593
.....acres treated, 2002	168,867	3,792	50,681	23,428	138,152	128,566	216,063	122,863
Pastureland and rangeland fertilized .....farms, 2007	21	23	87	144	204	21	42	14
.....farms, 2002	10	45	74	219	253	22	15	21
.....acres treated, 2007	316	768	1,444	4,273	3,537	274	454	221
.....acres treated, 2002	147	1,377	1,162	7,476	3,647	388	58	288
Manure <sup>1</sup> .....farms, 2007	112	23	139	286	779	123	127	122
.....farms, 2002	115	46	219	365	973	98	125	117
.....acres treated, 2007	7,761	415	2,239	8,126	59,748	7,529	5,905	6,798
.....acres treated, 2002	7,682	910	2,739	10,240	62,697	6,405	5,854	5,570
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	207	8	100	63	381	150	199	113
.....farms, 2002	123	13	113	106	568	124	176	59
.....acres treated, 2007	46,737	415	11,624	5,564	41,369	43,916	31,768	21,354
.....acres treated, 2002	19,679	856	4,210	3,130	43,896	17,523	30,908	8,967
Weeds, grass, or brush .....farms, 2007	464	15	258	227	737	361	658	334
.....farms, 2002	466	35	289	294	946	466	659	413
.....acres treated, 2007	201,535	2,315	46,876	13,323	106,635	110,060	196,978	156,944
.....acres treated, 2002	167,804	2,629	36,176	14,687	108,678	118,076	200,337	134,137
Nematodes .....farms, 2007	9	1	9	11	13	12	12	13
.....farms, 2002	20	-	1	-	19	10	45	1
.....acres treated, 2007	1,961	(D)	326	1,116	1,428	2,894	1,298	936
.....acres treated, 2002	20	-	(D)	-	1,262	1,682	4,856	(D)
Diseases in crops and orchards .....farms, 2007	21	4	35	15	65	29	40	19
.....farms, 2002	2	5	32	24	111	9	56	-
.....acres treated, 2007	4,680	(D)	1,668	556	1,891	5,814	2,500	4,761
.....acres treated, 2002	(D)	5	1,110	895	3,427	(D)	10,328	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	7	2	10	9	13	6	9	1
.....farms, 2002	1	2	15	10	7	14	2	-
.....acres treated, 2007	468	(D)	124	141	269	212	390	(D)
.....acres treated, 2002	(D)	(D)	(D)	40	1,223	476	(D)	-

<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.