

Table 41. Fertilizers and Chemicals Applied: 2012 and 2007

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

Item	Ohio	Adams	Allen	Ashland	Ashtabula	Athens	Auglaize
Commercial fertilizer, lime, and soil conditioners farms, 2012	35,759	538	565	512	471	183	674
..... 2007	39,330	636	602	564	542	199	686
..... acres treated, 2012	7,587,961	56,668	122,910	82,236	76,164	8,289	148,082
..... 2007	8,144,573	55,992	140,015	82,717	68,058	11,044	158,740
Cropland fertilized, except cropland pasture farms, 2012	33,673	465	556	484	448	146	668
..... 2007	36,736	553	586	540	517	169	672
..... acres treated, 2012	7,460,338	48,135	122,568	80,705	74,705	6,403	147,801
..... 2007	7,979,599	45,900	139,699	80,932	67,248	8,756	157,735
Pastureland and rangeland fertilized farms, 2012	5,322	229	23	75	71	59	30
..... 2007	6,451	244	35	97	68	70	35
..... acres treated, 2012	127,623	8,533	342	1,531	1,459	1,886	281
..... 2007	164,974	10,092	316	1,785	810	2,288	1,005
Manure farms, 2012	15,886	225	104	328	283	124	306
..... 2007	17,596	264	165	359	329	132	292
..... acres treated, 2012	820,223	9,190	6,414	16,382	12,663	3,127	23,523
..... 2007	805,897	7,772	7,009	18,757	16,165	3,876	18,342
Acres treated to control--							
Insects farms, 2012	12,878	122	178	177	161	29	253
..... 2007	11,735	138	151	163	168	28	256
..... acres, 2012	2,657,942	8,763	39,630	25,142	21,320	921	44,965
..... 2007	1,929,062	5,462	26,071	13,698	14,101	1,780	38,699
Weeds, grass, or brush farms, 2012	32,352	338	558	463	395	86	690
..... 2007	28,826	284	498	440	413	82	616
..... acres, 2012	8,651,641	39,093	149,783	81,269	76,037	4,653	167,283
..... 2007	7,241,927	26,100	126,888	68,163	53,805	5,070	149,433
Nematodes farms, 2012	1,867	12	25	33	26	3	45
..... 2007	1,009	4	20	12	11	-	30
..... acres, 2012	331,083	699	5,569	4,537	2,061	11	11,580
..... 2007	153,740	287	980	1,106	536	-	5,887
Diseases in crops and orchards farms, 2012	3,672	36	52	59	63	4	87
..... 2007	2,737	14	28	31	63	7	32
..... acres, 2012	554,151	1,216	9,365	1,667	823	26	12,362
..... 2007	316,045	163	5,592	883	958	(D)	7,423
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	834	37	4	10	24	2	13
..... 2007	729	32	-	7	20	3	13
..... acres on which used, 2012	49,774	284	1,176	692	773	(D)	1,133
..... 2007	27,621	303	(D)	113	415	5	367
Item	Belmont	Brown	Butler	Carroll	Champaign	Clark	Clermont
Commercial fertilizer, lime, and soil conditioners farms, 2012	183	612	369	294	463	384	278
..... 2007	207	816	408	328	496	381	360
..... acres treated, 2012	11,547	101,578	82,761	30,646	120,016	111,260	48,439
..... 2007	9,705	137,066	75,194	31,213	136,731	119,086	59,812
Cropland fertilized, except cropland pasture farms, 2012	152	544	332	269	450	356	224
..... 2007	170	725	368	285	477	363	305
..... acres treated, 2012	6,183	97,544	81,432	28,624	119,362	110,380	46,710
..... 2007	6,510	131,482	73,250	28,780	135,805	117,762	58,392
Pastureland and rangeland fertilized farms, 2012	69	168	80	68	45	52	91
..... 2007	72	200	91	94	60	50	101
..... acres treated, 2012	5,364	4,034	1,329	2,022	654	880	1,729
..... 2007	3,195	5,584	1,944	2,433	926	1,304	1,420
Manure farms, 2012	143	257	176	245	173	124	118
..... 2007	156	263	218	256	215	131	141
..... acres treated, 2012	3,577	5,087	7,279	12,112	7,065	7,411	1,824
..... 2007	4,616	6,392	6,168	10,513	8,570	5,895	1,781
Acres treated to control--							
Insects farms, 2012	25	147	124	80	206	177	71
..... 2007	19	216	112	73	191	168	90
..... acres, 2012	270	23,803	29,627	8,606	41,643	55,885	19,184
..... 2007	404	23,165	10,954	7,018	42,816	46,763	13,063
Weeds, grass, or brush farms, 2012	86	500	339	221	429	371	207
..... 2007	77	486	299	201	401	313	196
..... acres, 2012	1,268	104,870	97,092	25,556	145,469	141,987	75,608
..... 2007	1,379	106,519	52,819	19,402	141,068	106,994	41,621
Nematodes farms, 2012	5	35	19	9	34	29	16
..... 2007	-	27	11	4	21	15	12
..... acres, 2012	78	16,078	2,634	562	5,120	5,881	15,703
..... 2007	-	6,924	1,457	70	2,254	2,877	3,683
Diseases in crops and orchards farms, 2012	8	37	29	21	55	42	22
..... 2007	3	49	21	15	36	40	29
..... acres, 2012	54	3,185	2,559	1,044	6,968	9,527	750
..... 2007	(D)	5,611	1,144	719	10,053	8,918	650
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	6	35	12	8	12	2	7
..... 2007	1	28	8	8	6	4	13
..... acres on which used, 2012	55	1,529	689	357	1,325	(D)	66
..... 2007	(D)	252	111	136	507	122	133

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

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

Item	Clinton	Columbiana	Coshocton	Crawford	Cuyahoga	Darke	Defiance
Commercial fertilizer, lime, and soil conditionersfarms, 2012	483	468	413	405	33	1,102	551
.....farms, 2007	519	527	397	440	43	1,164	660
.....acres treated, 2012	155,324	56,706	55,624	181,259	214	226,798	124,939
.....acres treated, 2007	168,508	61,807	56,095	163,649	319	245,616	143,060
Cropland fertilized, except cropland pasturefarms, 2012	472	441	374	400	30	1,081	545
.....farms, 2007	507	470	367	429	35	1,135	648
.....acres treated, 2012	154,485	54,943	50,983	180,926	181	226,228	124,697
.....acres treated, 2007	167,577	59,379	51,252	162,904	241	243,098	142,465
Pastureland and rangeland fertilizedfarms, 2012	39	94	118	24	5	69	27
.....farms, 2007	47	125	110	30	10	98	29
.....acres treated, 2012	839	1,763	4,641	333	33	570	242
.....acres treated, 2007	931	2,428	4,843	745	78	2,518	595
Manurefarms, 2012	111	325	265	121	20	410	113
.....farms, 2007	111	368	295	163	20	493	134
.....acres treated, 2012	4,771	20,926	12,852	7,675	70	29,093	6,368
.....acres treated, 2007	3,853	17,904	14,916	8,660	76	35,816	8,871
Acres treated to control--							
Insectsfarms, 2012	211	170	120	177	29	392	174
.....farms, 2007	171	192	123	116	26	344	179
.....acres, 2012	81,528	20,193	19,610	63,381	174	69,574	30,564
.....acres, 2007	48,424	23,559	15,608	22,045	212	49,094	34,351
Weeds, grass, or brushfarms, 2012	464	412	360	401	26	1,084	551
.....farms, 2007	403	367	309	388	24	1,009	527
.....acres, 2012	171,928	52,940	51,227	206,691	194	281,959	163,989
.....acres, 2007	145,819	41,869	42,468	160,338	152	240,429	143,455
Nematodesfarms, 2012	20	23	17	18	3	54	17
.....farms, 2007	14	14	8	8	1	36	16
.....acres, 2012	4,374	1,387	1,396	8,790	12	12,924	2,319
.....acres, 2007	2,480	2,508	546	1,570	(D)	4,595	4,425
Diseases in crops and orchardsfarms, 2012	48	44	44	52	13	65	24
.....farms, 2007	53	37	30	25	11	64	37
.....acres, 2012	22,545	3,406	1,876	19,666	66	13,886	2,181
.....acres, 2007	8,255	2,726	470	4,086	57	6,628	4,993
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	5	14	6	4	3	15	8
.....farms, 2007	7	16	6	3	5	6	4
.....acres on which used, 2012	2,381	314	55	(D)	10	1,225	534
.....acres on which used, 2007	1,230	2,547	22	14	19	171	(D)
Item	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	Gallia
Commercial fertilizer, lime, and soil conditionersfarms, 2012	334	191	514	298	175	476	298
.....farms, 2007	392	261	504	347	200	484	351
.....acres treated, 2012	95,700	56,379	122,310	132,382	38,583	142,208	16,628
.....acres treated, 2007	90,716	62,825	108,344	165,116	37,874	146,471	17,288
Cropland fertilized, except cropland pasturefarms, 2012	302	181	482	291	156	465	240
.....farms, 2007	362	248	464	322	192	473	281
.....acres treated, 2012	95,146	56,229	119,840	131,675	38,369	142,043	12,789
.....acres treated, 2007	90,021	62,392	105,523	163,484	37,586	145,803	10,812
Pastureland and rangeland fertilizedfarms, 2012	54	17	97	22	28	21	108
.....farms, 2007	54	22	105	43	20	19	173
.....acres treated, 2012	554	150	2,470	707	214	165	3,839
.....acres treated, 2007	695	433	2,821	1,632	288	668	6,476
Manurefarms, 2012	131	56	226	57	47	167	142
.....farms, 2007	143	75	238	78	60	170	187
.....acres treated, 2012	9,863	2,937	9,911	3,867	763	13,841	2,899
.....acres treated, 2007	7,748	3,551	8,152	2,470	1,750	13,748	3,829
Acres treated to control--							
Insectsfarms, 2012	98	91	177	157	91	249	58
.....farms, 2007	115	112	130	143	85	212	67
.....acres, 2012	30,013	20,109	40,558	73,694	19,013	68,308	1,954
.....acres, 2007	19,949	18,565	18,011	52,857	7,883	50,037	683
Weeds, grass, or brushfarms, 2012	317	184	491	296	177	466	159
.....farms, 2007	258	210	379	274	147	397	133
.....acres, 2012	111,146	60,110	130,573	157,544	48,577	162,065	7,514
.....acres, 2007	94,830	58,100	98,322	163,981	34,911	125,112	4,025
Nematodesfarms, 2012	15	19	24	23	11	49	7
.....farms, 2007	7	12	13	13	9	39	5
.....acres, 2012	3,008	2,324	3,324	7,889	1,088	7,392	106
.....acres, 2007	758	644	581	2,146	(D)	6,924	14
Diseases in crops and orchardsfarms, 2012	39	38	51	42	26	68	24
.....farms, 2007	39	37	49	20	29	42	15
.....acres, 2012	6,634	6,653	5,082	25,829	1,460	8,904	171
.....acres, 2007	5,208	1,995	3,574	10,514	1,213	5,124	60
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	14	10	20	6	11	9	13
.....farms, 2007	7	8	15	4	11	12	22
.....acres on which used, 2012	315	1,143	611	1,802	(D)	474	104
.....acres on which used, 2007	183	303	183	499	143	1,090	95

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

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

Item	Geauga	Greene	Guernsey	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer, lime, and soil conditioners farms, 2012	399	367	288	75	582	430	122
..... farms, 2007	408	435	298	108	661	532	133
..... acres treated, 2012	17,864	98,624	14,647	6,009	150,702	157,322	12,479
..... acres treated, 2007	14,687	119,080	20,247	7,555	186,297	173,773	13,679
Cropland fertilized, except cropland pasture farms, 2012	341	336	243	65	566	427	112
..... farms, 2007	358	416	259	94	646	513	117
..... acres treated, 2012	16,479	97,284	12,058	5,653	150,354	156,817	10,625
..... acres treated, 2007	13,638	117,747	14,865	7,053	185,840	172,580	11,813
Pastureland and rangeland fertilized farms, 2012	125	61	88	15	30	18	36
..... farms, 2007	94	64	105	18	35	35	43
..... acres treated, 2012	1,385	1,340	2,589	356	348	505	1,854
..... acres treated, 2007	1,049	1,333	5,382	502	457	1,193	1,866
Manure farms, 2012	316	106	192	25	111	142	115
..... farms, 2007	318	138	197	37	149	202	108
..... acres treated, 2012	8,699	3,507	5,702	470	5,038	15,742	4,807
..... acres treated, 2007	6,518	5,407	6,231	616	5,086	17,467	4,130
Acres treated to control--							
Insects farms, 2012	145	161	39	47	200	141	21
..... farms, 2007	99	176	29	52	181	111	21
..... acres, 2012	3,398	43,744	534	1,226	41,797	55,704	1,614
..... acres, 2007	2,144	42,113	1,683	783	30,650	29,821	1,376
Weeds, grass, or brush farms, 2012	305	352	149	62	591	442	70
..... farms, 2007	269	356	110	59	542	402	63
..... acres, 2012	13,805	115,838	6,886	6,129	194,090	197,218	8,242
..... acres, 2007	9,914	111,737	7,338	5,323	166,106	170,459	4,495
Nematodes farms, 2012	29	19	9	5	20	26	3
..... farms, 2007	4	12	3	2	18	7	1
..... acres, 2012	201	6,875	287	19	3,734	8,099	(D)
..... acres, 2007	6	3,792	(D)	(D)	1,929	681	(D)
Diseases in crops and orchards farms, 2012	59	44	22	23	66	28	6
..... farms, 2007	49	60	5	18	32	14	4
..... acres, 2012	566	19,579	126	278	14,290	19,151	(D)
..... acres, 2007	291	7,957	(D)	218	4,466	4,978	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	13	9	6	6	2	3	2
..... farms, 2007	19	23	2	4	4	1	1
..... acres on which used, 2012	217	150	128	29	(D)	(D)	(D)
..... acres on which used, 2007	149	336	(D)	(D)	(D)	(D)	(D)
Item	Henry	Highland	Hocking	Holmes	Huron	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners farms, 2012	609	592	74	855	488	172	109
..... farms, 2007	634	690	114	780	415	180	154
..... acres treated, 2012	178,963	131,801	5,374	75,969	155,448	11,776	4,574
..... acres treated, 2007	178,483	149,108	7,053	69,744	157,263	15,508	8,562
Cropland fertilized, except cropland pasture farms, 2012	606	536	61	772	485	137	99
..... farms, 2007	628	624	93	693	391	142	137
..... acres treated, 2012	178,797	126,973	4,955	70,153	154,477	9,124	4,033
..... acres treated, 2007	178,437	142,337	5,764	62,428	156,578	11,953	7,241
Pastureland and rangeland fertilized farms, 2012	11	141	28	290	41	75	33
..... farms, 2007	10	168	47	249	56	84	44
..... acres treated, 2012	166	4,828	419	5,816	971	2,652	541
..... acres treated, 2007	46	6,771	1,289	7,316	685	3,555	1,321
Manure farms, 2012	96	225	57	878	187	85	97
..... farms, 2007	105	238	79	713	177	84	122
..... acres treated, 2012	4,538	7,146	776	37,377	14,916	2,126	3,710
..... acres treated, 2007	3,682	10,543	1,556	31,488	7,431	2,497	5,282
Acres treated to control--							
Insects farms, 2012	224	204	20	410	239	33	25
..... farms, 2007	196	161	19	293	139	26	21
..... acres, 2012	56,660	65,894	758	27,555	66,817	599	775
..... acres, 2007	45,206	34,242	1,195	19,950	43,337	1,101	1,215
Weeds, grass, or brush farms, 2012	606	523	64	684	466	118	91
..... farms, 2007	530	461	61	467	329	78	95
..... acres, 2012	193,724	151,638	4,854	61,281	184,429	6,216	3,166
..... acres, 2007	170,191	119,177	4,179	46,446	137,748	3,687	3,583
Nematodes farms, 2012	38	34	2	32	39	9	4
..... farms, 2007	16	23	2	7	7	2	2
..... acres, 2012	6,133	4,522	(D)	772	5,913	115	8
..... acres, 2007	1,670	7,201	(D)	1,618	2,361	(D)	(D)
Diseases in crops and orchards farms, 2012	55	60	5	79	71	15	15
..... farms, 2007	43	41	5	40	41	8	9
..... acres, 2012	9,999	9,160	24	1,504	26,990	113	72
..... acres, 2007	10,357	3,830	35	195	17,302	74	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	5	18	2	5	13	6	2
..... farms, 2007	2	21	4	11	-	7	6
..... acres on which used, 2012	477	2,040	(D)	81	321	71	(D)
..... acres on which used, 2007	(D)	1,195	(D)	100	-	23	77

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

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

Item	Knox	Lake	Lawrence	Licking	Logan	Lorain	Lucas	
Commercial fertilizer, lime, and soil conditionersfarms, 2012	548	107	160	544	435	378	180	
.....farms, 2007	602	138	211	647	453	426	239	
.....acres treated, 2012	93,886	4,722	4,607	116,361	118,023	68,593	42,423	
.....acres treated, 2007	109,259	5,669	5,782	125,833	125,150	80,501	51,689	
Cropland fertilized, except cropland pasturefarms, 2012	510	94	129	509	420	364	174	
.....farms, 2007	554	127	159	575	432	399	221	
.....acres treated, 2012	91,060	4,610	3,049	114,580	117,134	68,170	42,386	
.....acres treated, 2007	106,172	5,607	3,764	123,263	124,105	78,614	51,323	
Pastureland and rangeland fertilizedfarms, 2012	115	14	57	87	51	34	9	
.....farms, 2007	125	11	81	149	57	57	20	
.....acres treated, 2012	2,826	112	1,558	1,781	889	423	37	
.....acres treated, 2007	3,087	62	2,018	2,570	1,045	1,887	366	
Manurefarms, 2012	309	31	73	296	172	145	25	
.....farms, 2007	401	38	110	353	191	186	52	
.....acres treated, 2012	11,502	1,020	1,066	11,050	10,928	5,824	1,186	
.....acres treated, 2007	13,966	689	1,526	12,285	12,252	8,694	1,215	
Acres treated to control--								
Insectsfarms, 2012	168	76	48	177	148	160	100	
.....farms, 2007	195	95	46	168	172	187	113	
.....acres, 2012	26,409	3,734	510	35,867	60,354	26,039	18,739	
.....acres, 2007	29,644	3,438	633	28,911	37,925	22,482	21,659	
Weeds, grass, or brushfarms, 2012	474	91	101	497	413	368	194	
.....farms, 2007	420	101	95	460	389	350	172	
.....acres, 2012	95,461	4,510	2,999	125,021	154,926	87,946	53,159	
.....acres, 2007	87,257	4,490	1,914	108,667	126,498	66,972	46,177	
Nematodesfarms, 2012	17	4	12	21	14	20	22	
.....farms, 2007	18	5	7	9	19	16	19	
.....acres, 2012	2,098	(D)	37	1,376	4,633	545	1,991	
.....acres, 2007	2,659	(D)	315	1,769	1,555	1,335	1,955	
Diseases in crops and orchardsfarms, 2012	39	38	21	54	39	63	43	
.....farms, 2007	30	41	14	54	44	76	28	
.....acres, 2012	2,711	842	68	4,532	12,691	10,515	6,244	
.....acres, 2007	3,109	1,149	43	3,218	6,819	3,159	2,901	
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	20	8	7	12	2	23	4	
.....farms, 2007	9	9	6	18	13	19	13	
.....acres on which used, 2012	932	76	12	304	(D)	991	29	
.....acres on which used, 2007	692	45	20	319	937	288	284	
Item	Madison	Mahoning	Marion	Medina	Meigs	Mercer	Miami	Monroe
Commercial fertilizer, lime, and soil conditionersfarms, 2012	392	302	290	358	226	812	617	224
.....farms, 2007	436	290	410	449	235	903	648	228
.....acres treated, 2012	180,855	38,025	123,631	50,858	10,828	186,234	125,449	8,633
.....acres treated, 2007	183,957	33,347	144,582	56,247	13,655	216,570	137,628	10,501
Cropland fertilized, except cropland pasturefarms, 2012	386	277	288	330	200	805	603	197
.....farms, 2007	416	274	392	400	214	888	615	201
.....acres treated, 2012	180,235	36,832	123,252	50,386	8,284	186,039	125,159	6,311
.....acres treated, 2007	183,196	32,388	144,074	55,441	10,014	215,775	136,829	7,652
Pastureland and rangeland fertilizedfarms, 2012	24	51	18	65	69	29	37	86
.....farms, 2007	38	43	41	101	90	48	65	85
.....acres treated, 2012	620	1,193	379	472	2,544	195	290	2,322
.....acres treated, 2007	761	959	508	806	3,641	795	799	2,849
Manurefarms, 2012	101	184	86	194	115	424	164	184
.....farms, 2007	112	184	130	262	124	527	191	185
.....acres treated, 2012	6,591	9,143	14,154	7,114	3,129	52,674	7,150	4,245
.....acres treated, 2007	5,331	8,825	8,052	9,719	3,615	60,374	7,187	5,168
Acres treated to control--								
Insectsfarms, 2012	170	108	101	134	58	326	253	27
.....farms, 2007	177	88	88	140	58	381	218	19
.....acres, 2012	72,412	6,807	36,775	15,607	1,646	55,118	52,330	328
.....acres, 2007	63,123	6,390	18,939	8,893	2,684	61,101	40,498	(D)
Weeds, grass, or brushfarms, 2012	413	269	301	348	146	830	584	107
.....farms, 2007	377	219	313	285	97	750	476	89
.....acres, 2012	222,459	37,539	154,859	54,197	4,125	216,997	145,392	2,089
.....acres, 2007	173,086	23,385	135,923	42,607	4,932	191,240	133,522	2,399
Nematodesfarms, 2012	13	20	21	23	12	41	38	3
.....farms, 2007	11	9	17	14	4	18	14	2
.....acres, 2012	3,730	232	6,025	733	434	5,907	4,959	10
.....acres, 2007	3,627	495	8,011	709	478	3,188	3,959	(D)
Diseases in crops and orchardsfarms, 2012	33	45	34	55	32	57	70	14
.....farms, 2007	45	30	27	59	25	50	35	7
.....acres, 2012	5,979	969	9,083	2,442	661	7,273	6,289	61
.....acres, 2007	13,480	377	6,637	1,262	603	5,515	4,442	16
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	5	10	4	15	10	8	12	5
.....farms, 2007	5	14	4	10	3	5	4	5
.....acres on which used, 2012	1,327	440	269	323	156	1,225	634	(D)
.....acres on which used, 2007	(D)	217	53	144	(D)	285	77	15

--continued

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

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

Item	Montgomery	Morgan	Morrow	Muskingum	Noble	Ottawa	Paulding	Perry
Commercial fertilizer, lime, and soil conditioners farms, 2012	368	181	400	433	137	327	360	229
..... 2007	440	186	457	454	148	366	456	250
..... acres treated, 2012	77,880	12,642	100,653	46,625	4,898	66,739	135,545	42,294
..... 2007	77,600	11,597	104,101	39,400	6,324	80,840	170,648	34,517
Cropland fertilized, except cropland pasture farms, 2012	339	161	388	388	120	327	359	203
..... 2007	415	161	419	395	134	362	450	225
..... acres treated, 2012	77,470	9,169	99,634	42,729	3,416	66,663	135,469	40,880
..... 2007	76,886	8,646	102,727	34,070	4,916	80,804	170,253	32,804
Pastureland and rangeland fertilized farms, 2012	47	49	58	127	35	5	7	59
..... 2007	62	71	76	143	43	6	22	65
..... acres treated, 2012	410	3,473	1,019	3,896	1,482	76	76	1,414
..... 2007	714	2,951	1,374	5,330	1,408	36	395	1,713
Manure farms, 2012	92	143	212	319	92	52	80	138
..... 2007	126	126	249	341	82	66	89	163
..... acres treated, 2012	3,780	3,577	6,675	12,387	1,686	1,395	16,801	6,290
..... 2007	3,875	3,456	7,532	11,628	1,898	5,416	6,310	4,210
Acres treated to control--								
Insects farms, 2012	138	30	129	92	13	190	138	53
..... 2007	135	36	123	68	6	145	129	70
..... acres, 2012	22,270	1,065	28,050	11,082	(D)	37,006	55,611	5,730
..... 2007	20,412	1,999	20,999	4,682	(D)	24,894	39,844	5,118
Weeds, grass, or brush farms, 2012	337	120	363	289	68	348	386	195
..... 2007	352	84	315	256	52	329	405	164
..... acres, 2012	91,904	5,426	118,628	36,730	1,332	87,911	175,067	44,098
..... 2007	79,958	3,158	97,583	21,325	1,843	81,407	169,486	26,280
Nematodes farms, 2012	17	3	22	11	1	28	14	5
..... 2007	13	-	8	8	-	14	11	6
..... acres, 2012	560	32	4,092	626	(D)	5,990	5,300	(D)
..... 2007	665	-	579	395	-	920	1,659	164
Diseases in crops and orchards farms, 2012	29	10	44	36	3	65	40	6
..... 2007	30	10	45	25	3	37	34	13
..... acres, 2012	4,536	173	9,942	1,849	(D)	9,170	10,879	141
..... 2007	3,009	94	8,175	1,043	17	3,330	9,277	400
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	11	3	9	7	2	13	4	-
..... 2007	6	7	10	2	1	8	4	1
..... acres on which used, 2012	771	29	372	36	(D)	1,477	129	-
..... 2007	23	107	217	(D)	(D)	239	68	(D)
Item	Pickaway	Pike	Portage	Preble	Putnam	Richland	Ross	Sandusky
Commercial fertilizer, lime, and soil conditioners farms, 2012	439	180	316	614	980	536	400	461
..... 2007	446	203	360	707	1,059	491	401	515
..... acres treated, 2012	201,120	30,828	40,435	164,249	205,963	84,126	94,556	124,570
..... 2007	216,881	21,811	44,448	175,289	222,626	83,197	103,656	133,308
Cropland fertilized, except cropland pasture farms, 2012	421	161	297	593	979	520	366	455
..... 2007	418	164	340	672	1,055	461	356	507
..... acres treated, 2012	199,600	28,702	39,773	163,238	205,851	82,478	92,160	124,423
..... 2007	215,123	18,958	43,418	174,062	221,975	81,599	100,239	132,851
Pastureland and rangeland fertilized farms, 2012	44	43	48	61	10	76	77	14
..... 2007	62	77	64	106	19	96	94	25
..... acres treated, 2012	1,520	2,126	662	1,011	112	1,648	2,396	147
..... 2007	1,758	2,853	1,030	1,227	651	1,598	3,417	457
Manure farms, 2012	95	92	188	219	216	340	133	95
..... 2007	123	80	213	257	235	334	143	141
..... acres treated, 2012	4,001	2,678	6,543	10,181	13,417	18,787	4,562	2,262
..... 2007	4,509	1,443	7,034	9,221	15,427	14,740	5,042	3,640
Acres treated to control--								
Insects farms, 2012	204	71	98	204	383	237	124	229
..... 2007	159	38	91	221	376	158	99	208
..... acres, 2012	85,466	10,509	7,329	56,738	81,529	39,546	29,027	55,450
..... 2007	63,391	3,429	5,815	45,333	61,014	16,333	19,166	35,524
Weeds, grass, or brush farms, 2012	443	143	280	577	988	486	349	468
..... 2007	360	107	245	582	934	359	308	432
..... acres, 2012	237,086	36,911	38,523	178,939	253,956	84,548	110,683	152,841
..... 2007	202,548	18,012	34,799	164,137	215,274	69,479	88,757	134,031
Nematodes farms, 2012	42	14	18	27	72	31	15	49
..... 2007	10	2	3	18	39	11	14	32
..... acres, 2012	18,701	938	395	8,267	15,691	3,073	8,362	10,375
..... 2007	2,677	(D)	(D)	1,703	4,096	603	3,872	5,365
Diseases in crops and orchards farms, 2012	50	34	39	41	107	55	26	67
..... 2007	32	18	28	34	58	23	23	56
..... acres, 2012	21,005	330	1,565	5,452	21,237	8,057	2,202	11,622
..... 2007	5,210	950	712	5,672	7,142	1,904	4,373	8,547
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2012	10	2	12	7	10	8	10	8
..... 2007	5	3	4	1	30	6	3	14
..... acres on which used, 2012	1,255	(D)	275	(D)	1,371	939	1,377	454
..... 2007	(D)	20	(D)	(D)	2,183	135	(D)	579

--continued

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

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

Item	Scioto	Seneca	Shelby	Stark	Summit	Trumbull	Tuscarawas	Union
Commercial fertilizer, lime, and soil conditionersfarms, 2012	244	752	666	565	99	438	388	433
.....farms, 2007	313	775	691	630	140	518	405	525
.....acres treated, 2012	25,968	196,762	141,089	72,465	6,049	58,634	47,333	152,119
.....acres treated, 2007	30,523	192,621	151,577	73,888	5,790	67,467	49,134	149,376
Cropland fertilized, except cropland pasturefarms, 2012	183	746	661	511	85	397	333	420
.....farms, 2007	239	764	678	585	120	482	374	496
.....acres treated, 2012	23,203	196,300	140,909	71,042	5,814	57,219	44,662	151,848
.....acres treated, 2007	26,529	191,822	150,801	71,946	5,554	65,702	45,801	148,617
Pastureland and rangeland fertilizedfarms, 2012	118	33	23	112	27	112	116	28
.....farms, 2007	149	55	49	120	31	115	117	63
.....acres treated, 2012	2,765	462	180	1,423	235	1,415	2,671	271
.....acres treated, 2007	3,994	799	776	1,942	236	1,765	3,333	759
Manurefarms, 2012	103	217	276	361	51	242	334	158
.....farms, 2007	124	238	266	426	65	296	327	206
.....acres treated, 2012	1,449	9,029	25,537	21,303	779	8,005	21,721	9,625
.....acres treated, 2007	2,171	7,558	19,225	18,286	812	7,741	19,042	13,128
Acres treated to control--								
Insectsfarms, 2012	44	281	218	189	62	111	103	161
.....farms, 2007	48	156	214	164	54	111	87	161
.....acres, 2012	3,099	73,580	36,975	12,949	3,273	15,813	17,140	59,290
.....acres, 2007	7,212	36,148	33,174	19,715	2,493	7,357	8,642	36,521
Weeds, grass, or brushfarms, 2012	162	757	651	505	86	360	266	448
.....farms, 2007	136	635	571	465	99	358	246	432
.....acres, 2012	22,793	231,002	158,488	78,336	5,752	55,274	41,048	189,083
.....acres, 2007	22,934	168,060	141,801	62,076	4,021	51,368	34,716	151,684
Nematodesfarms, 2012	11	46	32	25	12	5	10	13
.....farms, 2007	2	24	22	10	6	5	8	13
.....acres, 2012	463	6,026	7,227	1,094	1,336	(D)	734	2,509
.....acres, 2007	(D)	3,490	3,197	1,640	(D)	2,196	564	2,474
Diseases in crops and orchardsfarms, 2012	15	86	60	49	35	33	29	37
.....farms, 2007	15	34	24	38	29	35	23	52
.....acres, 2012	1,942	21,450	8,560	2,067	866	2,215	1,182	8,218
.....acres, 2007	2,281	6,063	2,174	506	881	4,995	570	14,436
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	7	12	7	14	8	8	6	7
.....farms, 2007	4	4	9	9	12	10	3	3
.....acres on which used, 2012	404	879	431	464	327	409	189	195
.....acres on which used, 2007	82	226	2,221	67	78	(D)	(D)	(D)
Item	Van Wert	Vinton	Warren	Washington	Wayne	Williams	Wood	Wyandot
Commercial fertilizer, lime, and soil conditionersfarms, 2012	500	44	351	371	1,058	434	694	359
.....farms, 2007	547	73	385	424	1,000	471	737	386
.....acres treated, 2012	160,431	4,537	59,091	28,202	150,223	116,949	188,097	146,559
.....acres treated, 2007	192,787	4,663	54,846	28,850	143,567	135,650	206,307	156,814
Cropland fertilized, except cropland pasturefarms, 2012	500	38	302	328	1,006	423	683	354
.....farms, 2007	544	61	347	367	941	466	716	381
.....acres treated, 2012	160,283	3,298	58,071	23,706	147,229	116,490	187,949	146,305
.....acres treated, 2007	192,471	3,895	53,402	24,577	140,030	135,376	205,853	156,593
Pastureland and rangeland fertilizedfarms, 2012	8	15	72	115	202	23	21	16
.....farms, 2007	21	23	87	144	204	21	42	14
.....acres treated, 2012	148	1,239	1,020	4,496	2,994	459	148	254
.....acres treated, 2007	316	768	1,444	4,273	3,537	274	454	221
Manurefarms, 2012	121	24	127	257	860	124	102	91
.....farms, 2007	112	23	139	286	779	123	127	122
.....acres treated, 2012	10,182	617	2,385	8,405	64,029	8,937	5,647	4,731
.....acres treated, 2007	7,761	415	2,239	8,126	59,748	7,529	5,905	6,798
Acres treated to control--								
Insectsfarms, 2012	191	3	150	73	484	160	267	141
.....farms, 2007	207	8	100	63	381	150	199	113
.....acres, 2012	49,667	(D)	26,380	4,997	60,459	36,424	57,661	34,279
.....acres, 2007	46,737	415	11,624	5,564	41,369	43,916	31,768	21,354
Weeds, grass, or brushfarms, 2012	492	25	315	251	949	461	685	369
.....farms, 2007	464	15	258	227	737	361	658	334
.....acres, 2012	199,156	2,181	68,391	20,603	146,841	141,731	225,790	184,969
.....acres, 2007	201,535	2,315	46,876	13,323	106,635	110,060	196,978	156,944
Nematodesfarms, 2012	28	1	27	11	52	21	45	18
.....farms, 2007	9	1	9	11	13	12	12	13
.....acres, 2012	5,161	(D)	2,358	315	10,282	1,863	9,002	2,397
.....acres, 2007	1,961	(D)	326	1,116	1,428	2,894	1,298	936
Diseases in crops and orchardsfarms, 2012	51	1	50	26	106	46	75	43
.....farms, 2007	21	4	35	15	65	29	40	19
.....acres, 2012	8,434	(D)	5,605	674	6,691	4,418	10,505	22,836
.....acres, 2007	4,680	(D)	1,668	556	1,891	5,814	2,500	4,761
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2012	13	3	21	7	37	3	11	7
.....farms, 2007	7	2	10	9	13	6	9	1
.....acres on which used, 2012	693	3	1,424	256	1,469	(D)	1,290	759
.....acres on which used, 2007	468	(D)	124	141	269	212	390	(D)