

**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Indiana	Adams	Allen	Bartholomew	Benton	Blackford	Boone
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	34,165	709	931	415	325	171	374
1997	44,716	840	1,131	491	417	198	454
acres treated, 2002	9,117,243	149,781	188,828	96,457	158,185	67,023	148,328
1997	9,238,553	119,641	174,390	115,900	150,624	49,323	136,788
Cropland fertilized, except cropland pastured . . . . . farms, 2002	32,332	694	882	388	325	168	368
1997	42,845	812	1,119	456	417	198	433
acres treated, 2002	8,960,114	148,887	187,167	94,881	157,663	66,704	146,457
1997	9,056,283	118,817	173,261	113,981	150,279	48,953	135,848
Pastureland and rangeland fertilized . . . . . farms, 2002	6,332	50	124	84	19	14	37
1997	6,506	84	91	81	12	13	60
acres treated, 2002	157,129	894	1,661	1,576	522	319	1,871
1997	182,270	824	1,129	1,919	345	370	940
Manure . . . . . farms, 2002	14,236	504	352	209	45	80	155
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	696,485	16,662	9,723	4,745	3,994	4,085	6,545
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	12,372	177	162	95	230	47	204
1997	14,754	235	318	167	299	43	127
acres treated, 2002	2,579,182	21,507	17,515	14,366	90,692	11,861	46,220
1997	2,254,308	19,399	21,391	22,258	92,551	7,544	21,413
Weeds, grass, or brush . . . . . farms, 2002	25,540	560	745	252	269	176	320
1997	30,515	672	775	386	344	173	364
acres treated, 2002	8,632,117	146,676	168,655	74,759	178,793	71,832	142,232
1997	8,670,757	132,333	145,525	100,772	170,672	53,994	154,621
Nematodes . . . . . farms, 2002	1,031	19	21	15	6	1	38
1997	1,174	17	26	9	1	2	15
acres treated, 2002	145,579	3,276	3,426	1,110	2,678	(D)	1,602
1997	139,991	2,202	3,824	1,151	(D)	(D)	332
Diseases in crops and orchards . . . . . farms, 2002	1,113	10	25	23	14	-	11
1997	1,894	1	100	7	30	2	16
acres treated, 2002	95,256	1,000	4,856	980	3,578	-	352
1997	148,112	(D)	3,028	430	2,784	(D)	1,602
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	313	-	11	10	-	-	-
1997	1,098	13	71	3	1	7	17
acres on which used, 2002	8,074	-	66	18	-	-	-
1997	132,255	(D)	2,756	(D)	(D)	815	6,200

  

Item	Brown	Carroll	Cass	Clark	Clay	Clinton	Crawford
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	62	374	461	296	393	420	169
1997	105	470	562	424	424	515	236
acres treated, 2002	4,496	151,739	147,856	34,543	78,270	170,573	3,543
1997	3,568	161,151	136,812	64,891	100,235	155,621	10,852
Cropland fertilized, except cropland pastured . . . . . farms, 2002	51	366	422	234	393	368	99
1997	93	470	526	408	415	515	217
acres treated, 2002	3,820	150,674	146,192	32,478	77,420	170,105	1,212
1997	(D)	160,725	135,668	60,368	96,714	(D)	8,137
Pastureland and rangeland fertilized . . . . . farms, 2002	18	32	118	81	49	54	85
1997	26	21	93	98	58	3	83
acres treated, 2002	676	1,065	1,664	2,065	850	468	2,331
1997	(D)	426	1,144	4,523	3,521	(D)	2,715
Manure . . . . . farms, 2002	20	163	232	91	91	127	91
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	496	11,216	9,570	1,647	3,922	9,019	1,398
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	28	254	212	107	46	219	5
1997	23	268	256	146	67	224	46
acres treated, 2002	260	66,792	58,244	4,869	8,240	78,557	240
1997	1,390	76,465	38,535	5,693	10,729	39,552	1,161
Weeds, grass, or brush . . . . . farms, 2002	52	268	359	194	318	318	23
1997	47	347	430	276	317	427	54
acres treated, 2002	1,472	120,187	128,259	19,020	60,775	160,200	391
1997	3,394	141,641	129,098	50,886	90,286	158,407	2,987
Nematodes . . . . . farms, 2002	-	1	27	13	-	14	-
1997	4	20	48	16	2	10	8
acres treated, 2002	-	(D)	4,620	(D)	-	2,096	-
1997	882	4,265	3,096	717	(D)	(D)	128
Diseases in crops and orchards . . . . . farms, 2002	-	21	20	23	1	2	-
1997	6	42	18	31	1	17	22
acres treated, 2002	-	1,117	488	589	(D)	(D)	-
1997	116	1,953	2,539	514	(D)	574	868
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	4	-	1	-	-	-	-
1997	3	13	4	8	1	5	7
acres on which used, 2002	4	-	(D)	-	-	-	-
1997	(D)	532	584	753	(D)	2,339	7

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Daviess	Dearborn	Decatur	DeKalb	Delaware	Dubois	Elkhart
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	663	335	436	502	449	428	815
1997	922	482	556	458	447	634	998
acres treated, 2002	140,172	16,990	145,417	114,336	105,271	104,028	135,821
1997	134,667	20,448	134,103	88,030	108,072	98,892	128,669
Cropland fertilized, except cropland pastured . . . . . farms, 2002	584	308	436	477	433	391	775
1997	838	464	538	458	437	567	981
acres treated, 2002	135,050	13,620	141,536	113,938	104,875	98,326	133,364
1997	128,767	18,504	133,250	87,540	107,570	91,805	127,132
Pastureland and rangeland fertilized . . . . . farms, 2002	227	77	75	70	41	173	194
1997	250	94	60	24	21	216	79
acres treated, 2002	5,122	3,370	3,881	398	396	5,702	2,457
1997	5,900	1,944	853	490	502	7,087	1,537
Manure . . . . . farms, 2002	381	216	201	199	71	284	727
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	19,522	4,682	17,745	32,830	6,123	26,838	33,122
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	179	39	198	136	93	178	419
1997	238	56	310	90	65	176	591
acres treated, 2002	36,581	804	40,294	11,432	21,712	34,561	45,711
1997	33,916	1,339	58,145	4,914	7,440	28,135	39,471
Weeds, grass, or brush . . . . . farms, 2002	442	101	355	482	393	313	649
1997	501	173	415	333	374	414	683
acres treated, 2002	129,870	7,168	114,425	99,249	143,053	78,485	110,493
1997	120,903	11,501	122,980	75,864	118,346	85,113	88,598
Nematodes . . . . . farms, 2002	35	-	13	46	-	6	21
1997	-	-	7	1	-	13	32
acres treated, 2002	7,520	-	2,119	3,280	-	1,308	1,583
1997	-	-	1,120	(D)	(D)	1,062	1,979
Diseases in crops and orchards . . . . . farms, 2002	19	18	3	10	1	-	26
1997	37	42	6	5	20	9	23
acres treated, 2002	3,472	667	1,519	330	(D)	-	3,760
1997	4,178	202	1,528	2,068	2,059	818	3,103
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	11	-	-	1	1	29
1997	53	9	10	15	21	10	17
acres on which used, 2002	-	660	-	-	(D)	(D)	128
1997	3,119	9	(D)	2,680	1,374	2,150	1,526

  

Item	Fayette	Floyd	Fountain	Franklin	Fulton	Gibson	Grant	Greene
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	231	132	305	402	390	397	370	346
1997	307	203	449	646	567	461	466	589
acres treated, 2002	60,258	24,723	110,870	60,184	144,341	148,814	120,605	65,588
1997	67,385	6,395	130,167	65,214	121,402	170,789	108,449	99,113
Cropland fertilized, except cropland pastured . . . . . farms, 2002	226	103	305	393	390	384	352	320
1997	297	188	433	635	556	439	456	544
acres treated, 2002	58,870	23,908	109,434	57,682	143,780	146,577	120,551	60,032
1997	67,104	5,053	122,545	63,183	120,819	168,155	108,209	92,952
Pastureland and rangeland fertilized . . . . . farms, 2002	41	68	33	69	50	58	18	135
1997	23	56	36	92	22	40	20	167
acres treated, 2002	1,388	815	1,436	2,502	561	2,237	54	5,556
1997	281	1,342	7,622	2,031	583	2,634	240	6,161
Manure . . . . . farms, 2002	123	57	95	239	131	94	68	150
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,137	558	6,104	8,876	9,266	7,294	2,497	7,440
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	126	60	145	152	73	276	156	80
1997	128	49	116	241	171	219	107	116
acres treated, 2002	16,595	7,090	40,378	13,445	18,070	60,793	28,341	10,983
1997	25,029	142	23,270	21,099	18,805	58,258	13,614	24,618
Weeds, grass, or brush . . . . . farms, 2002	211	96	211	321	328	342	327	190
1997	195	101	361	406	445	407	364	365
acres treated, 2002	59,228	23,223	108,356	63,907	136,925	122,607	143,602	46,499
1997	51,106	3,270	144,122	41,033	113,438	166,616	152,044	89,437
Nematodes . . . . . farms, 2002	7	14	3	19	14	50	-	-
1997	3	-	8	14	19	26	-	24
acres treated, 2002	567	10,500	1,877	553	(D)	2,036	-	-
1997	(D)	-	989	443	3,473	2,827	-	2,020
Diseases in crops and orchards . . . . . farms, 2002	10	6	1	9	38	2	1	-
1997	2	24	12	34	24	25	13	19
acres treated, 2002	50	12	(D)	153	3,533	(D)	(D)	-
1997	(D)	49	1,909	84	2,317	1,677	(D)	105
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	1	18	-	-	15	-
1997	-	7	18	35	24	18	10	17
acres on which used, 2002	-	-	(D)	171	-	-	314	-
1997	-	28	765	1,481	2,493	4,867	1,802	132

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hamilton	Hancock	Harrison	Hendricks	Henry	Howard	Huntington	Jackson
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	336	346	577	297	404	364	376	475
1997	395	432	787	528	582	425	510	635
acres treated, 2002	73,197	96,390	79,515	119,897	112,211	84,328	121,175	125,123
1997	81,958	103,317	67,943	104,316	114,885	92,039	120,206	121,430
Cropland fertilized, except cropland pastured . . . . . farms, 2002	317	328	458	288	393	364	376	440
1997	387	418	700	513	572	420	504	607
acres treated, 2002	71,876	96,092	72,926	118,781	109,821	84,228	120,847	121,822
1997	81,614	102,991	59,595	102,637	113,703	91,538	119,845	116,547
Pastureland and rangeland fertilized . . . . . farms, 2002	66	30	275	29	39	13	17	108
1997	16	30	231	78	71	66	17	192
acres treated, 2002	1,321	298	6,589	1,116	2,390	100	328	3,301
1997	344	326	8,348	1,679	1,182	501	361	4,883
Manure . . . . . farms, 2002	190	155	178	142	89	161	131	181
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,268	8,154	5,493	4,478	6,095	6,198	6,797	6,951
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects <sup>2</sup> . . . . . farms, 2002	184	141	125	99	100	165	149	147
1997	211	96	176	151	148	139	108	153
acres treated, 2002	34,127	18,933	4,517	26,402	24,351	39,032	19,078	23,515
1997	25,289	21,020	4,286	14,460	15,991	16,657	20,035	22,752
Weeds, grass, or brush . . . . . farms, 2002	337	235	423	215	282	293	342	390
1997	332	376	353	355	423	314	381	435
acres treated, 2002	91,351	99,166	72,656	112,832	96,280	94,975	122,217	128,987
1997	96,809	119,451	47,184	108,469	98,129	94,199	111,997	113,084
Nematodes . . . . . farms, 2002	29	-	-	5	-	-	10	1
1997	7	5	20	8	27	16	1	19
acres treated, 2002	1,945	-	-	140	-	-	1,708	(D)
1997	84	146	532	32	4,144	1,280	(D)	181
Diseases in crops and orchards . . . . . farms, 2002	2	3	21	3	3	19	8	3
1997	35	14	61	32	27	17	2	28
acres treated, 2002	(D)	(D)	349	78	443	57	15	114
1997	3,827	546	792	245	1,278	437	(D)	1,762
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	1	-	-	-	1	7	-
1997	29	13	46	15	24	20	7	7
acres on which used, 2002	-	(D)	-	-	-	(D)	35	-
1997	525	735	2,163	622	832	769	1,710	803
Item	Jasper	Jay	Jefferson	Jennings	Johnson	Knox	Kosciusko	LaGrange
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	400	530	526	338	366	379	631	877
1997	533	625	677	403	454	496	730	1,193
acres treated, 2002	218,633	126,968	40,620	83,449	89,472	189,718	160,485	116,272
1997	208,440	100,526	51,593	65,530	90,102	207,991	144,737	121,926
Cropland fertilized, except cropland pastured . . . . . farms, 2002	382	518	501	304	366	373	616	876
1997	520	619	647	394	426	494	715	1,115
acres treated, 2002	216,517	126,759	37,412	81,215	88,885	186,676	158,428	110,183
1997	207,429	100,178	47,994	62,284	89,058	205,766	140,417	115,111
Pastureland and rangeland fertilized . . . . . farms, 2002	49	38	189	52	35	97	123	294
1997	23	25	110	96	55	37	157	366
acres treated, 2002	2,116	209	3,208	2,234	587	3,042	2,057	6,089
1997	1,011	348	3,599	3,246	1,044	2,225	4,320	6,815
Manure . . . . . farms, 2002	107	286	200	99	151	101	308	873
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	17,906	17,895	2,247	6,061	6,904	7,161	19,943	24,209
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects <sup>2</sup> . . . . . farms, 2002	216	120	224	76	124	154	281	570
1997	264	112	285	93	114	199	228	620
acres treated, 2002	77,569	19,225	6,824	10,185	26,818	53,128	44,885	42,801
1997	72,049	8,277	8,148	6,517	21,577	45,399	33,914	42,525
Weeds, grass, or brush . . . . . farms, 2002	314	386	326	241	233	318	536	732
1997	438	501	290	235	301	330	513	766
acres treated, 2002	167,661	113,653	29,230	74,246	78,755	177,285	149,363	90,013
1997	191,661	114,956	38,658	49,149	84,706	179,274	117,966	90,185
Nematodes . . . . . farms, 2002	11	-	21	10	-	42	17	24
1997	2	11	39	-	28	54	17	8
acres treated, 2002	1,284	-	74	3,000	2,947	3,887	1,120	275
1997	(D)	502	881	-	3,816	7,871	402	3,501
Diseases in crops and orchards . . . . . farms, 2002	1	42	20	1	12	43	17	63
1997	25	6	44	24	19	60	33	28
acres treated, 2002	(D)	751	125	(D)	497	5,532	(D)	711
1997	6,886	(D)	548	3,897	3,442	5,185	(D)	4,000
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	1	21	2	1	3	-	40
1997	11	9	52	-	3	23	1	42
acres on which used, 2002	-	(D)	39	(D)	(D)	-	-	155
1997	2,848	2,441	2,223	-	54	1,481	(D)	1,988

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lake	LaPorte	Lawrence	Madison	Marion	Marshall	Martin	Miami
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	237	450	343	539	120	549	174	455
1997	347	614	565	608	145	743	219	601
acres treated, 2002	70,687	168,022	34,248	141,301	16,206	124,767	36,415	127,268
1997	82,795	180,940	55,041	162,163	14,617	143,054	30,798	139,362
Cropland fertilized, except cropland pastured								
farms, 2002	226	450	284	475	85	507	147	455
1997	347	597	491	590	137	713	162	597
acres treated, 2002	70,158	166,855	30,122	140,163	15,894	122,723	33,566	125,371
1997	82,780	179,607	49,081	161,439	14,489	141,420	28,613	138,721
Pastureland and rangeland fertilized								
farms, 2002	32	36	110	81	35	111	86	44
1997	5	77	172	35	14	76	107	33
acres treated, 2002	529	1,167	4,126	1,138	312	2,044	2,849	1,897
1997	15	1,333	5,960	724	128	1,634	2,185	641
Manure								
farms, 2002	53	212	78	156	49	337	66	163
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	796	11,952	2,599	3,842	512	14,948	6,516	9,113
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup>								
farms, 2002	132	255	65	174	34	188	24	190
1997	125	295	62	163	62	267	32	197
acres treated, 2002	36,791	81,454	3,928	49,687	3,991	22,940	4,267	30,965
1997	24,780	71,176	6,555	17,476	2,879	39,885	4,067	32,040
Weeds, grass, or brush								
farms, 2002	169	421	168	424	97	393	83	370
1997	225	523	224	464	85	468	118	429
acres treated, 2002	81,431	172,572	22,073	172,486	21,265	103,991	27,112	130,926
1997	86,265	185,970	40,367	153,830	19,639	108,891	25,929	126,210
Nematodes								
farms, 2002	1	54	1	46	3	-	-	-
1997	1	47	-	-	16	22	-	18
acres treated, 2002	(D)	7,158	(D)	4,179	(D)	-	-	-
1997	(D)	9,197	-	-	651	2,646	-	1,069
Diseases in crops and orchards								
farms, 2002	15	54	2	53	12	3	-	19
1997	26	33	2	22	24	31	-	13
acres treated, 2002	1,832	7,343	(D)	4,640	251	180	-	1,075
1997	1,822	6,726	(D)	1,578	597	3,275	-	1,648
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	-	19	1	11	4	-	-	-
1997	4	18	-	10	2	16	14	10
acres on which used, 2002	-	801	(D)	239	16	-	-	-
1997	(D)	1,493	-	(D)	(D)	5,338	2,437	103

  

Item	Monroe	Montgomery	Morgan	Newton	Noble	Ohio	Orange	Owen
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	254	375	310	237	520	100	281	263
1997	355	603	454	345	753	228	312	384
acres treated, 2002	14,374	142,670	67,635	128,253	114,750	4,157	31,246	33,740
1997	19,827	157,431	83,116	154,577	112,503	6,548	42,127	43,666
Cropland fertilized, except cropland pastured								
farms, 2002	216	375	207	278	497	96	255	248
1997	321	574	428	345	738	208	250	316
acres treated, 2002	10,923	141,142	66,534	127,469	113,483	(D)	27,476	31,472
1997	17,866	155,758	81,408	153,523	111,362	5,198	38,161	38,701
Pastureland and rangeland fertilized								
farms, 2002	122	45	68	25	63	13	123	90
1997	97	93	70	22	68	53	120	190
acres treated, 2002	3,451	1,528	1,101	784	1,267	(D)	3,770	2,268
1997	1,961	1,673	1,708	1,054	1,141	1,350	3,966	4,965
Manure								
farms, 2002	73	149	169	44	291	55	90	95
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,842	11,777	2,969	6,626	9,814	335	2,698	4,673
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup>								
farms, 2002	63	222	64	174	164	61	60	36
1997	71	171	150	205	224	103	68	32
acres treated, 2002	1,295	66,788	9,768	68,906	35,421	126	8,286	1,854
1997	4,091	38,747	17,004	55,117	11,503	1,632	10,507	3,901
Weeds, grass, or brush								
farms, 2002	61	306	139	218	436	35	171	174
1997	111	382	323	278	500	74	118	166
acres treated, 2002	5,187	172,783	60,137	137,318	120,022	192	29,529	26,760
1997	11,602	171,317	86,396	153,557	105,213	3,628	22,496	31,780
Nematodes								
farms, 2002	-	-	-	34	10	-	-	-
1997	-	26	8	40	21	14	-	11
acres treated, 2002	-	-	-	8,638	1,520	-	-	-
1997	-	3,375	56	3,237	2,887	44	-	500
Diseases in crops and orchards								
farms, 2002	25	12	2	7	26	7	11	1
1997	27	13	30	13	22	27	1	1
acres treated, 2002	113	(D)	(D)	844	1,119	(D)	(D)	-
1997	545	(D)	1,614	3,403	1,240	151	(D)	(D)
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	-	-	1	2	-	-	-	-
1997	-	3	3	-	17	3	-	-
acres on which used, 2002	-	-	(D)	(D)	-	-	-	-
1997	-	(D)	(D)	-	2,286	21	-	-

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Parke	Perry	Pike	Porter	Posey	Pulaski	Putnam	Randolph
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	224	268	118	355	266	370	397	563
1997	370	393	231	378	367	453	536	696
acres treated, 2002	85,109	23,389	37,253	108,135	149,081	184,317	112,321	182,056
1997	96,538	27,889	52,564	83,719	145,984	177,157	111,199	156,685
Cropland fertilized, except cropland pastured . . . . . farms, 2002	212	221	106	331	260	353	397	563
1997	368	352	230	378	367	437	480	676
acres treated, 2002	83,621	18,962	36,735	107,484	147,904	182,908	110,760	181,839
1997	94,156	22,412	50,649	83,586	145,302	176,883	107,619	156,127
Pastureland and rangeland fertilized . . . . . farms, 2002	62	168	22	67	45	74	97	37
1997	50	192	36	3	20	28	124	28
acres treated, 2002	1,488	4,427	518	651	1,177	1,409	1,561	217
1997	2,382	5,477	1,915	133	682	274	3,580	558
Manure . . . . . farms, 2002	81	120	49	131	70	100	105	152
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,755	6,635	3,272	2,585	4,018	5,686	4,267	7,293
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	64	26	44	163	107	180	126	130
1997	104	33	43	151	134	250	176	184
acres treated, 2002	24,064	1,595	7,338	32,619	47,817	73,674	35,262	14,383
1997	17,502	422	7,030	18,641	38,921	58,679	31,236	18,858
Weeds, grass, or brush . . . . . farms, 2002	161	98	84	240	247	328	288	425
1997	219	227	167	288	311	346	311	561
acres treated, 2002	85,297	16,163	29,927	99,647	147,841	166,139	96,067	149,320
1997	91,138	14,579	33,800	90,429	157,198	160,736	91,315	163,818
Nematodes . . . . . farms, 2002	-	6	-	25	-	53	-	11
1997	2	-	-	1	-	49	13	25
acres treated, 2002	(D)	60	-	8,550	(D)	14,973	2,409	1,000
1997	-	-	-	-	-	5,450	4,722	4,722
Diseases in crops and orchards . . . . . farms, 2002	-	-	-	15	2	16	12	17
1997	26	-	11	32	2	12	18	38
acres treated, 2002	-	-	-	5,948	(D)	3,823	12	1,335
1997	230	-	36	1,912	(D)	1,147	336	1,237
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	-	-	-	-	16
1997	20	10	1	10	15	6	13	14
acres on which used, 2002	-	-	-	-	-	-	-	1,120
1997	1,996	154	(D)	982	1,787	3,996	1,590	14
Item	Ripley	Rush	St. Joseph	Scott	Shelby	Spencer	Starke	Steuben
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	488	383	476	173	444	283	236	250
1997	665	590	509	262	512	487	255	298
acres treated, 2002	88,980	142,909	101,276	29,030	122,346	66,449	85,527	57,887
1997	93,836	160,989	121,118	30,739	139,232	97,061	87,660	60,720
Cropland fertilized, except cropland pastured . . . . . farms, 2002	488	383	427	135	444	244	236	250
1997	612	569	507	240	504	434	245	298
acres treated, 2002	86,251	141,153	100,740	27,258	122,094	61,369	(D)	57,637
1997	88,540	160,143	120,748	28,969	138,429	91,763	87,207	59,859
Pastureland and rangeland fertilized . . . . . farms, 2002	114	41	60	71	125	142	1	14
1997	210	48	24	76	26	159	17	18
acres treated, 2002	2,729	1,756	536	1,772	252	5,080	(D)	250
1997	5,296	846	370	1,770	803	5,298	453	861
Manure . . . . . farms, 2002	232	191	166	56	76	174	37	131
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,109	13,136	7,324	1,910	2,805	8,316	1,705	6,189
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	78	242	200	49	165	99	62	60
1997	205	310	170	72	180	158	118	118
acres treated, 2002	7,924	50,303	36,826	9,341	30,209	25,084	17,745	8,481
1997	18,064	49,035	28,775	8,972	26,599	25,161	31,760	13,134
Weeds, grass, or brush . . . . . farms, 2002	393	337	421	85	407	193	179	178
1997	467	472	326	103	393	359	199	211
acres treated, 2002	72,283	135,238	97,847	22,604	138,059	65,495	75,666	46,026
1997	82,932	159,883	105,966	25,662	149,571	82,784	74,683	51,482
Nematodes . . . . . farms, 2002	33	-	28	-	15	-	21	-
1997	7	49	10	1	7	1	9	16
acres treated, 2002	374	-	1,387	-	2,266	-	3,281	-
1997	1,050	6,347	2,444	(D)	920	(D)	1,200	1,592
Diseases in crops and orchards . . . . . farms, 2002	17	1	72	7	4	14	4	-
1997	28	12	57	10	7	23	16	7
acres treated, 2002	359	(D)	2,019	52	2,246	27	(D)	-
1997	1,680	2,120	3,231	458	181	3,720	3,095	42
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	10	1	-	3	-	1	2	-
1997	1	11	-	1	2	1	1	7
acres on which used, 2002	402	(D)	-	48	-	(D)	(D)	-
1997	(D)	1,510	-	(D)	(D)	(D)	(D)	42

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sullivan	Switzerland	Tiptecanoe	Tipton	Union	Vanderburgh	Vermillion	Vigo
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	261	305	435	278	187	190	140	267
1997	398	425	566	353	225	233	238	299
acres treated, 2002	107,054	16,182	144,913	105,146	61,101	51,371	66,513	50,993
1997	123,044	16,407	148,147	107,942	46,969	48,534	84,299	67,079
Cropland fertilized, except cropland pastured . . . . . farms, 2002	253	305	421	278	171	190	131	227
1997	366	425	566	353	225	226	238	286
acres treated, 2002	105,757	14,823	143,960	(D)	59,576	50,706	66,057	50,613
1997	121,160	14,500	144,450	107,928	46,545	48,233	83,115	66,837
Pastureland and rangeland fertilized . . . . . farms, 2002	40	42	50	2	37	16	13	66
1997	71	59	77	7	14	18	34	14
acres treated, 2002	1,297	1,359	953	(D)	1,525	665	456	380
1997	1,884	1,907	3,697	14	424	301	1,184	242
Manure . . . . . farms, 2002	68	148	91	58	66	17	15	49
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	13,341	1,487	3,645	7,041	4,354	468	1,845	1,690
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	70	101	179	160	84	98	67	48
1997	93	172	219	200	96	88	58	67
acres treated, 2002	14,962	1,676	65,061	45,460	11,172	18,915	32,964	6,502
1997	25,022	3,297	59,711	50,013	17,804	19,410	25,119	14,769
Weeds, grass, or brush . . . . . farms, 2002	202	116	315	237	143	134	114	194
1997	301	180	412	310	177	174	148	179
acres treated, 2002	104,471	3,915	148,894	104,213	50,974	48,244	72,518	64,716
1997	126,996	7,629	146,357	107,042	41,752	49,943	79,645	64,923
Nematodes . . . . . farms, 2002	11	-	50	13	-	6	-	-
1997	2	13	37	2	13	-	-	4
acres treated, 2002	1,980	-	4,362	1,266	-	410	-	-
1997	(D)	46	5,751	(D)	3,639	-	-	64
Diseases in crops and orchards . . . . . farms, 2002	8	10	33	4	-	9	-	7
1997	11	51	38	17	5	35	-	2
acres treated, 2002	235	10	3,500	1,295	-	136	-	7
1997	825	370	5,202	3,384	750	131	-	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	1	22	14	1	-	6	-	-
1997	10	50	24	2	11	13	23	7
acres on which used, 2002	(D)	(D)	14	(D)	-	208	-	-
1997	2,720	815	2,737	(D)	920	1,159	14,375	5,950

  

Item	Wabash	Warren	Warrick	Washington	Wayne	Wells	White	Whitley
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	488	172	215	466	395	422	461	459
1997	542	290	285	561	562	580	544	480
acres treated, 2002	113,422	98,993	47,188	78,354	112,516	159,934	213,270	123,996
1997	125,092	91,577	66,697	64,878	96,105	140,368	183,279	97,951
Cropland fertilized, except cropland pastured . . . . . farms, 2002	487	168	403	395	395	422	461	438
1997	542	290	254	470	542	574	536	480
acres treated, 2002	112,548	98,302	45,988	72,814	111,133	159,934	212,319	123,384
1997	124,750	90,814	65,486	56,604	93,954	140,170	182,564	97,811
Pastureland and rangeland fertilized . . . . . farms, 2002	21	17	62	177	53	-	30	44
1997	18	9	55	218	91	6	27	4
acres treated, 2002	874	691	1,200	5,540	1,383	-	951	612
1997	342	763	1,211	8,274	2,151	198	715	140
Manure . . . . . farms, 2002	212	17	99	247	186	98	131	235
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	19,084	2,064	4,147	11,423	4,767	3,748	12,474	11,074
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	105	109	95	77	134	95	234	44
1997	118	141	46	106	187	92	303	143
acres treated, 2002	25,760	58,622	13,758	9,489	22,646	20,304	91,460	13,756
1997	18,282	40,528	11,594	5,251	20,055	14,871	86,153	13,128
Weeds, grass, or brush . . . . . farms, 2002	317	141	135	268	340	381	334	367
1997	411	227	196	281	338	477	406	358
acres treated, 2002	111,302	117,626	49,969	67,649	122,721	176,636	194,888	106,967
1997	115,495	103,253	53,087	48,225	78,666	150,572	168,687	84,555
Nematodes . . . . . farms, 2002	-	-	-	-	9	8	30	1
1997	16	5	-	3	17	17	23	20
acres treated, 2002	-	-	-	-	72	5,200	7,472	(D)
1997	1,584	3,160	-	800	1,336	1,220	6,910	1,144
Diseases in crops and orchards . . . . . farms, 2002	3	-	8	10	4	32	-	1
1997	4	-	1	52	12	11	17	11
acres treated, 2002	(D)	-	183	20	400	6,660	-	(D)
1997	(D)	-	(D)	2,864	64	5,031	4,218	576
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	2	10	5	1	1	-
1997	-	-	6	10	7	1	1	1
acres on which used, 2002	-	-	(D)	10	175	(D)	(D)	-
1997	-	-	385	(D)	3,554	(D)	(D)	(D)

<sup>1</sup> Data for 1997 exclude lime.

<sup>2</sup> Data for 1997 include treatment of crops, including hay, but not other land.