

**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	Illinois	Adams	Alexander	Bond	Boone	Brown	Bureau
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	48,390	985	86	359	361	162	883
1997	57,884	1,145	117	398	316	251	1,016
acres treated, 2002	16,782,432	242,859	21,046	109,488	104,395	56,726	378,046
1997	15,552,028	205,166	22,535	101,178	78,507	47,306	320,795
Cropland fertilized, except cropland pastured . . . . . farms, 2002	47,209	962	73	341	361	162	864
1997	56,146	1,068	96	386	316	251	1,009
acres treated, 2002	16,545,246	229,344	20,033	107,741	104,395	56,345	375,844
1997	15,323,488	194,259	21,127	100,264	78,507	47,024	319,744
Pastureland and rangeland fertilized . . . . . farms, 2002	5,812	233	28	101	-	17	72
1997	5,781	257	26	35	-	11	44
acres treated, 2002	237,186	13,515	1,013	1,747	-	381	2,202
1997	228,540	10,907	1,408	914	-	282	1,051
Manure . . . . . farms, 2002	13,187	368	14	141	138	25	205
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	755,625	37,446	581	6,109	5,056	2,156	11,198
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	24,773	449	10	145	69	47	497
1997	26,996	407	22	149	111	134	670
acres treated, 2002	5,848,946	65,476	1,325	33,008	18,346	11,158	140,936
1997	4,794,349	53,935	2,383	11,615	16,569	17,262	117,525
Weeds, grass, or brush . . . . . farms, 2002	40,212	775	66	297	278	103	821
1997	44,650	802	80	344	291	199	813
acres treated, 2002	18,112,970	224,558	41,710	99,064	107,768	35,771	382,459
1997	16,354,567	191,768	41,852	102,998	77,314	45,073	336,387
Nematodes . . . . . farms, 2002	1,827	30	-	-	24	1	42
1997	1,801	29	-	1	-	20	27
acres treated, 2002	284,103	615	-	(D)	3,106	(D)	10,944
1997	230,960	1,170	-	-	-	1,730	5,981
Diseases in crops and orchards . . . . . farms, 2002	1,425	21	4	-	23	7	58
1997	1,899	22	3	9	25	-	20
acres treated, 2002	126,617	989	(D)	-	2,074	56	8,218
1997	197,090	2,077	(D)	1,755	4,503	-	987
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	332	-	3	-	-	-	33
1997	1,289	27	-	1	1	18	23
acres on which used, 2002	48,277	-	3	-	-	-	1,991
1997	311,612	4,980	-	(D)	(D)	4,212	2,514

  

Item	Calhoun	Carroll	Cass	Champaign	Christian	Clark	Clay	Clinton
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	277	395	250	1,044	630	272	382	634
1997	338	483	329	1,287	698	492	521	701
acres treated, 2002	31,769	175,346	129,669	366,187	254,431	143,789	200,612	192,442
1997	23,676	165,019	86,814	355,962	223,740	151,675	154,850	195,438
Cropland fertilized, except cropland pastured . . . . . farms, 2002	257	385	250	1,030	630	272	364	627
1997	338	483	316	1,287	692	491	510	687
acres treated, 2002	31,050	171,726	125,994	365,559	254,045	142,983	196,082	191,004
1997	22,830	163,855	86,162	355,782	221,494	150,840	151,950	193,639
Pastureland and rangeland fertilized . . . . . farms, 2002	38	59	47	27	11	20	86	61
1997	40	26	23	8	29	30	63	41
acres treated, 2002	719	3,620	3,675	628	386	806	4,530	1,438
1997	846	1,164	652	180	2,246	835	2,900	1,799
Manure . . . . . farms, 2002	13	236	59	101	81	55	82	250
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	214	17,092	3,907	5,961	4,149	4,212	2,175	18,983
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	165	246	152	804	263	97	189	355
1997	110	367	126	889	302	123	155	325
acres treated, 2002	12,526	78,831	51,487	241,604	63,887	47,377	47,805	57,582
1997	4,542	103,906	26,822	222,326	51,809	32,220	19,388	45,201
Weeds, grass, or brush . . . . . farms, 2002	238	304	226	903	478	253	309	524
1997	214	401	263	1,051	550	361	390	607
acres treated, 2002	31,531	141,319	132,993	428,522	298,918	140,618	219,665	180,903
1997	19,318	128,864	82,901	420,404	271,393	175,799	148,859	172,276
Nematodes . . . . . farms, 2002	8	32	23	65	-	23	17	29
1997	20	43	2	11	22	12	16	25
acres treated, 2002	320	7,158	6,359	7,233	-	5,000	5,528	2,664
1997	450	8,262	(D)	(D)	521	(D)	1,300	1,989
Diseases in crops and orchards . . . . . farms, 2002	34	33	22	12	1	16	-	-
1997	28	6	1	56	23	-	2	25
acres treated, 2002	963	886	7,667	(D)	(D)	800	-	-
1997	2,242	2,787	(D)	10,216	1,176	-	(D)	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	1	12	-	11	-	-	-	37
1997	27	-	-	34	-	40	8	17
acres on which used, 2002	(D)	24	-	264	-	-	-	10,380
1997	663	-	-	20,051	-	10,131	5,008	44

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	Coles	Cook	Crawford	Cumberland	De Kalb	De Witt	Douglas	Du Page
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> .....								
farms, 2002	494	105	320	382	628	354	405	28
1997	569	92	464	439	717	395	563	57
acres treated, 2002	148,890	11,365	163,091	122,280	237,239	132,405	130,024	3,382
1997	135,836	12,500	154,355	110,247	247,198	120,511	141,025	7,786
Cropland fertilized, except cropland pastured .....								
farms, 2002	494	105	314	375	607	354	405	26
1997	563	92	464	439	717	395	563	57
acres treated, 2002	148,203	(D)	161,952	120,596	236,804	131,875	129,984	(D)
1997	135,274	12,500	151,999	109,903	247,003	119,966	140,935	(D)
Pastureland and rangeland fertilized .....								
farms, 2002	39	1	37	46	47	16	9	2
1997	23	-	53	28	9	22	9	1
acres treated, 2002	687	(D)	1,139	1,684	435	530	40	(D)
1997	562	-	2,356	344	195	545	90	(D)
Manure .....								
farms, 2002	63	16	44	143	219	30	126	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,606	510	2,722	4,940	23,876	1,456	4,886	121
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> .....								
farms, 2002	134	43	104	233	336	218	277	18
1997	155	48	131	218	466	211	243	25
acres treated, 2002	34,514	1,738	35,507	56,759	80,501	64,562	56,146	699
1997	21,377	2,976	23,197	26,093	91,992	30,945	23,697	2,905
Weeds, grass, or brush .....								
farms, 2002	408	54	269	312	594	292	320	21
1997	468	53	341	300	593	368	454	27
acres treated, 2002	186,701	11,121	152,386	117,967	293,105	165,085	161,582	2,707
1997	173,687	10,624	137,637	91,384	265,100	132,319	172,847	9,069
Nematodes .....								
farms, 2002	26	-	20	-	14	9	11	-
1997	25	4	-	17	9	23	-	-
acres treated, 2002	790	-	2,060	-	3,598	3,525	9,085	(D)
1997	2,422	(D)	-	293	2,692	810	2,203	-
Diseases in crops and orchards .....								
farms, 2002	19	15	2	29	12	14	7	4
1997	17	37	13	7	3	3	30	8
acres treated, 2002	(D)	24	(D)	257	1,606	494	833	(D)
1997	1,610	673	214	125	5,450	(D)	2,316	41
Chemicals used to control growth, thin fruit, or defoliate .....								
farms, 2002	13	5	1	12	-	-	7	1
1997	26	6	-	7	28	27	13	3
acres on which used, 2002	10,530	315	(D)	240	-	-	35	(D)
1997	14,607	120	-	395	14,555	17,751	2,565	120
Item	Edgar	Edwards	Effingham	Fayette	Ford	Franklin	Fulton	Gallatin
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> .....								
farms, 2002	538	224	831	792	478	311	756	122
1997	646	266	903	797	520	415	819	172
acres treated, 2002	247,629	72,891	178,620	226,504	177,916	96,782	215,555	102,320
1997	202,777	66,830	177,235	203,105	187,389	119,698	178,489	134,779
Cropland fertilized, except cropland pastured .....								
farms, 2002	538	211	831	777	478	247	756	116
1997	625	266	885	782	520	384	796	171
acres treated, 2002	246,314	70,267	175,413	222,089	177,632	94,357	211,139	100,992
1997	201,340	64,575	175,102	200,413	187,273	119,060	172,415	133,997
Pastureland and rangeland fertilized .....								
farms, 2002	49	76	116	173	27	84	108	16
1997	61	56	88	78	8	53	120	8
acres treated, 2002	1,315	2,624	3,207	4,415	284	2,425	4,416	1,328
1997	1,437	2,255	2,133	2,692	116	638	6,074	782
Manure .....								
farms, 2002	43	84	360	126	122	79	231	15
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,680	3,312	18,194	8,939	10,434	1,763	13,191	2,681
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> .....								
farms, 2002	237	58	335	428	351	13	311	35
1997	234	79	310	254	333	27	319	58
acres treated, 2002	99,703	15,506	57,213	75,834	101,351	2,875	56,364	28,219
1997	61,508	5,533	33,808	48,363	92,706	25,360	40,295	22,579
Weeds, grass, or brush .....								
farms, 2002	412	166	614	559	421	161	641	92
1997	511	208	674	537	381	250	662	152
acres treated, 2002	244,727	75,781	166,082	233,932	224,580	118,588	216,266	117,455
1997	246,446	62,007	150,343	132,255	185,994	86,624	204,466	127,370
Nematodes .....								
farms, 2002	15	7	20	16	33	1	45	-
1997	10	21	9	34	22	1	33	12
acres treated, 2002	5,398	28	2,107	1,260	6,214	-	2,782	-
1997	1,199	1,374	438	3,099	3,846	(D)	2,672	3,141
Diseases in crops and orchards .....								
farms, 2002	-	-	-	36	2	-	36	-
1997	12	14	28	19	1	1	7	8
acres treated, 2002	-	-	-	125	(D)	-	411	-
1997	159	295	3,734	857	(D)	(D)	(D)	3,171
Chemicals used to control growth, thin fruit, or defoliate .....								
farms, 2002	-	1	-	1	-	3	11	-
1997	1	1	21	26	1	-	7	1
acres on which used, 2002	-	(D)	-	(D)	-	9	11	-
1997	(D)	(D)	4,404	5,585	(D)	-	343	(D)

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	Greene	Grundy	Hamilton	Hancock	Hardin	Henderson	Henry	Iroquois
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	416	348	341	762	53	310	901	1,099
1997	545	404	370	925	86	357	1,054	1,262
acres treated, 2002	147,882	125,620	143,051	217,198	10,139	118,546	317,386	446,945
1997	161,640	123,831	106,820	202,294	6,842	120,638	271,613	422,460
Cropland fertilized, except cropland pastured . . . . . farms, 2002	416	348	306	762	42	310	865	1,099
1997	538	404	338	902	58	350	1,033	1,255
acres treated, 2002	146,226	125,076	139,519	215,101	6,946	108,551	311,884	446,612
1997	159,710	123,724	103,081	199,247	4,476	116,382	268,424	421,708
Pastureland and rangeland fertilized . . . . . farms, 2002	55	28	61	69	27	75	111	39
1997	45	3	82	85	44	56	50	49
acres treated, 2002	1,656	544	3,532	2,097	3,193	9,995	5,502	333
1997	1,930	107	3,739	3,047	2,366	4,256	3,189	752
Manure . . . . . farms, 2002	92	94	43	206	9	141	415	202
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,955	4,262	1,993	17,859	210	6,105	24,566	14,489
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	218	215	99	350	2	178	443	965
1997	255	220	60	318	3	232	710	793
acres treated, 2002	39,616	65,233	31,502	71,412	(D)	35,678	91,480	280,470
1997	56,872	47,467	10,562	61,070	530	45,789	101,387	214,516
Weeds, grass, or brush . . . . . farms, 2002	381	295	208	602	11	259	803	963
1997	462	336	239	751	19	280	883	954
acres treated, 2002	191,912	156,431	90,930	238,397	3,560	111,867	338,215	506,116
1997	208,505	160,456	101,909	256,696	3,210	116,992	274,002	436,632
Nematodes . . . . . farms, 2002	-	30	-	28	-	2	55	85
1997	26	42	-	24	-	10	15	70
acres treated, 2002	-	5,775	-	724	-	(D)	9,118	16,572
1997	10,320	7,785	-	1,851	-	1,020	1,801	9,280
Diseases in crops and orchards . . . . . farms, 2002	8	2	-	41	-	13	2	21
1997	32	2	10	9	-	5	17	12
acres treated, 2002	16	(D)	-	725	-	(D)	(D)	8,643
1997	10,620	(D)	547	263	-	1,403	1,564	2,565
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	2	-	-	-	-	-	1
1997	1	-	-	33	5	10	27	50
acres on which used, 2002	-	(D)	-	-	-	-	-	(D)
1997	(D)	-	-	12,890	(D)	1,100	8,790	19,354
Item	Jackson	Jasper	Jefferson	Jersey	Jo Daviess	Johnson	Kane	Kankakee
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	396	484	574	365	455	129	423	582
1997	405	646	610	417	665	319	552	725
acres treated, 2002	91,423	193,117	149,136	101,192	119,613	20,049	144,736	254,585
1997	78,897	178,122	126,632	82,865	108,138	25,353	130,461	242,118
Cropland fertilized, except cropland pastured . . . . . farms, 2002	359	484	551	354	455	111	423	577
1997	378	638	528	398	647	186	540	708
acres treated, 2002	83,344	192,341	132,916	98,902	113,270	17,051	144,393	254,469
1997	75,247	177,139	117,745	80,762	101,639	15,905	130,060	241,611
Pastureland and rangeland fertilized . . . . . farms, 2002	133	34	191	40	110	58	32	28
1997	75	58	192	73	125	180	42	45
acres treated, 2002	8,079	776	16,220	2,290	6,343	2,998	343	116
1997	3,650	983	8,887	2,103	6,499	9,448	401	507
Manure . . . . . farms, 2002	46	146	156	55	406	46	127	102
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,092	11,069	14,758	1,622	35,792	884	10,083	4,703
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	188	315	124	167	248	12	231	450
1997	45	326	94	157	475	21	262	483
acres treated, 2002	15,451	74,420	10,420	30,762	39,053	675	43,301	144,057
1997	3,324	53,648	12,189	22,089	67,911	412	37,763	138,686
Weeds, grass, or brush . . . . . farms, 2002	285	474	466	437	437	93	369	466
1997	194	517	405	345	404	93	421	532
acres treated, 2002	104,892	196,386	134,228	91,329	98,905	9,538	171,268	255,245
1997	65,301	172,072	108,549	97,840	59,570	12,615	131,594	207,409
Nematodes . . . . . farms, 2002	2	1	21	19	24	-	15	81
1997	1	26	6	5	26	17	37	59
acres treated, 2002	(D)	(D)	2,683	1,877	1,985	-	1,941	13,181
1997	(D)	6,525	210	760	2,870	385	7,325	8,775
Diseases in crops and orchards . . . . . farms, 2002	12	10	18	22	17	-	30	39
1997	24	16	10	29	1	18	55	51
acres treated, 2002	360	479	18	355	18	-	1,660	6,464
1997	805	583	(D)	984	(D)	214	3,259	9,027
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	1	10	-	-	3	-	1	1
1997	23	40	-	-	38	-	4	16
acres on which used, 2002	(D)	4,200	-	-	(D)	-	(D)	(D)
1997	537	892	-	-	3,541	-	(D)	5,377

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	Kendall	Knox	Lake	La Salle	Lawrence	Lee	Livingston	Logan
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	378	549	108	1,250	238	651	1,103	610
1997	393	725	183	1,359	259	782	1,220	677
acres treated, 2002	120,063	228,478	29,019	404,384	125,957	299,887	395,391	232,190
1997	103,065	191,569	33,412	344,914	111,332	253,613	363,229	208,350
Cropland fertilized, except cropland pastured . . . . . farms, 2002	346	531	108	1,237	237	651	1,103	598
1997	393	718	172	1,352	249	782	1,220	665
acres treated, 2002	119,947	226,528	28,944	404,115	125,839	299,842	394,311	231,923
1997	102,378	188,764	32,312	344,497	110,776	253,152	363,201	208,153
Pastureland and rangeland fertilized . . . . . farms, 2002	42	45	3	16	8	3	15	25
1997	9	45	11	38	30	31	11	24
acres treated, 2002	116	1,950	75	269	118	45	1,080	267
1997	687	2,805	1,100	417	556	461	28	197
Manure . . . . . farms, 2002	98	200	50	222	61	116	166	177
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,151	10,075	1,437	17,500	3,691	9,349	10,459	12,222
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects <sup>2</sup> . . . . . farms, 2002	157	206	49	636	58	357	859	260
1997	176	394	152	678	51	566	744	357
acres treated, 2002	32,311	39,827	2,283	153,432	26,475	94,159	216,883	63,744
1997	24,465	47,054	6,591	100,367	7,937	96,862	160,610	59,134
Weeds, grass, or brush . . . . . farms, 2002	303	457	75	1,135	182	559	1,016	497
1997	307	582	150	1,123	189	704	1,100	551
acres treated, 2002	122,823	227,550	29,071	469,794	147,755	304,229	494,223	238,037
1997	113,651	201,972	30,040	403,529	103,812	297,713	448,370	272,979
Nematodes . . . . . farms, 2002	-	3	-	37	1	19	79	6
1997	2	24	1	37	6	33	52	37
acres treated, 2002	(D)	(D)	(D)	2,200	(D)	2,535	19,122	2,468
1997	(D)	6,070	(D)	4,865	2,166	2,508	5,216	3,226
Diseases in crops and orchards . . . . . farms, 2002	3	12	3	12	-	7	17	-
1997	12	5	31	12	11	39	47	32
acres treated, 2002	(D)	(D)	(D)	6,246	-	5,701	2,073	-
1997	450	5,890	249	(D)	99	3,496	3,086	4,230
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	9	4	-	5	1	10	-
1997	9	19	9	18	6	10	12	11
acres on which used, 2002	-	360	1,936	-	325	(D)	4,280	-
1997	494	328	5,949	6,184	3,751	4,180	6,465	33

  

Item	McDonough	McHenry	McLean	Macon	Macoupin	Madison	Marion	Marshall
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	557	553	1,145	505	814	788	394	369
1997	656	648	1,249	572	938	866	543	459
acres treated, 2002	155,493	161,794	391,226	179,294	239,525	209,415	121,041	117,744
1997	165,551	165,811	414,920	162,336	207,876	189,998	120,978	132,882
Cropland fertilized, except cropland pastured . . . . . farms, 2002	544	520	1,145	505	804	764	370	353
1997	648	634	1,223	555	923	865	535	459
acres treated, 2002	151,428	160,564	390,305	178,734	230,177	206,167	118,077	116,714
1997	163,274	165,210	412,897	161,855	204,329	188,958	117,182	131,258
Pastureland and rangeland fertilized . . . . . farms, 2002	78	60	43	8	107	131	64	40
1997	60	43	52	34	107	85	109	44
acres treated, 2002	4,065	1,230	921	560	9,348	3,248	2,964	1,030
1997	2,277	601	2,023	481	3,547	1,040	3,796	1,624
Manure . . . . . farms, 2002	196	249	265	89	282	303	58	91
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,512	12,622	16,034	2,770	14,705	7,707	1,965	4,011
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects <sup>2</sup> . . . . . farms, 2002	243	233	776	298	373	376	141	136
1997	262	319	715	264	505	354	228	228
acres treated, 2002	58,247	41,543	233,720	63,520	87,518	64,537	26,540	42,298
1997	42,620	49,978	169,636	40,758	79,862	60,022	31,517	48,496
Weeds, grass, or brush . . . . . farms, 2002	503	438	956	424	715	602	261	328
1997	480	471	994	450	733	651	420	390
acres treated, 2002	196,358	161,224	467,698	256,486	295,120	217,725	108,590	145,443
1997	200,979	169,162	502,893	242,181	238,350	204,671	120,790	153,171
Nematodes . . . . . farms, 2002	4	15	26	11	65	29	9	-
1997	1	11	27	10	51	20	14	14
acres treated, 2002	(D)	1,064	5,905	1,070	6,231	29	27	-
1997	(D)	1,948	3,682	981	9,947	1,274	2,170	648
Diseases in crops and orchards . . . . . farms, 2002	2	24	5	2	32	77	13	8
1997	8	28	26	31	29	63	18	7
acres treated, 2002	(D)	2,174	1,376	(D)	112	3,692	494	1,280
1997	1,060	3,367	4,277	1,034	12,861	4,305	644	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	-	-	1	22	-
1997	11	-	10	28	15	34	15	15
acres on which used, 2002	-	-	-	-	-	(D)	521	-
1997	44	-	5,167	17,451	4,295	4,702	7,536	9,200

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	Mason	Massac	Menard	Mercer	Monroe	Montgomery	Morgan	Moultrie
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	327	211	231	441	348	657	477	272
1997	429	273	297	610	415	795	638	396
acres treated, 2002	188,127	67,370	94,471	180,919	120,023	243,129	154,797	103,723
1997	167,032	47,705	87,376	177,405	112,042	194,943	161,481	104,957
Cropland fertilized, except cropland pastured . . . . . farms, 2002	327	174	225	441	307	642	475	272
1997	422	218	297	600	367	757	638	391
acres treated, 2002	186,140	64,377	93,161	177,669	117,429	242,158	152,711	103,277
1997	166,810	44,186	85,326	172,288	110,559	193,179	160,037	104,411
Pastureland and rangeland fertilized . . . . . farms, 2002	20	71	35	78	77	54	51	34
1997	10	107	40	109	98	84	47	31
acres treated, 2002	1,987	2,993	1,310	3,250	2,594	971	2,086	446
1997	222	3,519	2,050	5,117	1,483	1,764	1,444	546
Manure . . . . . farms, 2002	34	20	49	164	117	137	100	115
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,719	1,474	3,463	9,188	2,265	5,734	4,433	2,726
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	188	15	111	250	171	276	254	118
1997	261	43	157	295	114	282	348	185
acres treated, 2002	54,848	4,521	22,786	52,499	34,107	62,836	68,717	33,905
1997	48,217	2,732	12,337	51,003	13,173	52,185	50,504	13,028
Weeds, grass, or brush . . . . . farms, 2002	270	167	186	403	343	481	412	263
1997	286	202	224	486	312	632	472	278
acres treated, 2002	175,810	75,408	100,146	194,354	128,605	202,643	171,438	130,324
1997	178,314	52,583	93,644	195,716	98,379	218,991	180,379	144,306
Nematodes . . . . . farms, 2002	28	1	12	23	9	24	34	10
1997	57	-	11	15	-	9	10	17
acres treated, 2002	10,487	(D)	1,100	2,676	-	7,520	4,690	7,260
1997	8,910	-	2,193	812	-	1,102	-	1,353
Diseases in crops and orchards . . . . . farms, 2002	13	19	17	19	30	-	14	-
1997	33	8	10	15	16	15	47	1
acres treated, 2002	1,890	1,425	208	2,230	457	-	3,994	-
1997	2,728	160	2,150	1,356	(D)	1,072	4,816	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	4	-	14	-	-	-
1997	15	1	-	6	24	15	27	9
acres on which used, 2002	-	-	2,084	-	42	-	-	-
1997	2,164	(D)	-	60	2,093	1,839	4,377	644
Item	Ogle	Peoria	Perry	Piatt	Pike	Pope	Pulaski	Putnam
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	775	623	369	378	564	107	99	120
1997	814	794	406	404	810	136	137	155
acres treated, 2002	254,120	150,071	133,006	184,229	213,904	13,142	42,044	44,484
1997	271,975	130,349	92,045	133,581	187,968	12,328	46,577	42,589
Cropland fertilized, except cropland pastured . . . . . farms, 2002	775	612	347	378	533	68	99	117
1997	804	773	381	404	756	110	120	149
acres treated, 2002	251,906	147,660	129,957	182,019	206,778	10,758	41,147	44,104
1997	270,865	128,564	87,880	(D)	178,846	10,317	45,513	42,427
Pastureland and rangeland fertilized . . . . . farms, 2002	69	79	125	25	155	53	16	8
1997	50	53	76	1	170	44	34	12
acres treated, 2002	2,214	2,411	3,049	2,210	7,126	2,384	897	380
1997	1,110	1,785	4,165	(D)	9,122	2,011	1,064	162
Manure . . . . . farms, 2002	353	130	177	92	116	24	11	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	15,408	5,235	4,214	3,305	6,145	384	315	1,364
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	395	314	88	284	386	4	15	62
1997	599	391	125	169	341	20	25	56
acres treated, 2002	92,649	35,684	9,342	114,488	101,564	(D)	2,137	11,736
1997	113,303	37,322	11,312	31,998	67,035	543	3,097	10,619
Weeds, grass, or brush . . . . . farms, 2002	728	563	291	342	474	56	86	116
1997	605	599	298	362	552	77	97	138
acres treated, 2002	256,650	198,361	134,460	234,116	217,524	7,600	43,692	49,906
1997	252,142	155,382	61,404	196,944	175,846	13,202	42,062	54,448
Nematodes . . . . . farms, 2002	17	30	-	32	65	-	3	12
1997	55	25	10	-	13	4	-	4
acres treated, 2002	1,105	3,227	-	10,016	6,904	-	300	955
1997	6,427	419	4,372	-	2,081	8	-	(D)
Diseases in crops and orchards . . . . . farms, 2002	34	24	8	7	23	1	-	4
1997	9	23	1	11	35	4	14	12
acres treated, 2002	6,368	3,785	8	400	3,640	(D)	-	72
1997	459	2,147	(D)	286	723	8	10,342	1,683
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	8	8	-	-	-	-	4
1997	46	-	-	-	15	11	-	8
acres on which used, 2002	-	24	8	-	-	-	-	4
1997	11,690	-	-	-	2,634	183	-	6,400

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	Randolph	Richland	Rock Island	St. Clair	Saline	Sangamon	Schuyler	Scott
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	618	352	390	665	207	602	287	178
1997	686	435	493	709	342	826	391	248
acres treated, 2002	139,282	151,503	67,701	179,679	76,110	266,059	92,978	64,771
1997	172,004	127,890	84,205	175,199	95,016	253,103	80,910	64,161
Cropland fertilized, except cropland pastured . . . . . farms, 2002	618	337	381	630	170	581	277	171
1997	666	435	431	691	322	808	382	237
acres treated, 2002	134,905	150,928	65,671	179,082	74,465	264,027	90,870	62,923
1997	167,196	127,020	83,129	174,309	91,983	248,461	77,990	61,689
Pastureland and rangeland fertilized . . . . . farms, 2002	178	34	81	83	60	57	42	38
1997	118	23	79	44	78	98	55	58
acres treated, 2002	4,377	575	2,030	597	1,645	2,032	2,108	1,848
1997	4,808	870	1,076	890	3,033	4,642	2,920	2,472
Manure . . . . . farms, 2002	212	73	145	149	12	104	56	33
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	7,627	9,140	4,826	2,430	795	7,000	3,267	1,147
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	211	145	168	271	60	390	142	83
1997	219	136	267	218	57	333	110	92
acres treated, 2002	12,843	34,382	16,006	54,841	22,291	91,431	46,941	21,680
1997	25,655	28,129	30,604	31,894	15,187	59,789	19,762	16,809
Weeds, grass, or brush . . . . . farms, 2002	476	300	293	506	121	504	265	174
1997	457	315	392	578	208	645	256	214
acres treated, 2002	149,874	172,902	73,805	192,219	56,320	343,991	106,326	77,198
1997	113,727	126,802	94,320	161,849	69,126	305,301	55,129	65,616
Nematodes . . . . . farms, 2002	1	-	-	13	-	19	1	5
1997	-	7	8	19	2	40	-	8
acres treated, 2002	(D)	-	-	283	-	1,337	(D)	535
1997	-	1,564	966	932	(D)	4,103	-	160
Diseases in crops and orchards . . . . . farms, 2002	19	7	13	5	-	46	-	-
1997	25	24	13	59	12	16	-	-
acres treated, 2002	646	83	13	459	-	165	-	-
1997	223	554	2,425	1,282	(D)	466	-	-
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	7	13	1	-	-	7	-
1997	19	12	1	57	1	2	2	12
acres on which used, 2002	-	120	13	(D)	-	-	420	-
1997	225	2,595	(D)	846	(D)	(D)	(D)	711

  

Item	Shelby	Stark	Stephenson	Tazewell	Union	Vermilion	Wabash	Warren
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	840	268	702	677	260	610	147	493
1997	1,036	295	806	710	360	873	179	554
acres treated, 2002	257,292	122,245	229,811	227,952	57,920	277,455	64,102	180,924
1997	242,622	99,062	202,985	205,476	49,425	274,415	74,010	161,716
Cropland fertilized, except cropland pastured . . . . . farms, 2002	840	268	702	677	238	600	144	493
1997	1,005	288	763	698	249	863	179	552
acres treated, 2002	253,948	121,432	227,920	227,208	55,779	273,627	63,923	177,309
1997	240,668	98,543	198,901	204,793	27,504	272,883	73,285	160,330
Pastureland and rangeland fertilized . . . . . farms, 2002	88	19	72	37	68	44	12	52
1997	115	27	112	35	191	48	18	44
acres treated, 2002	3,344	813	1,891	744	2,141	3,828	179	3,615
1997	1,954	519	4,084	683	21,921	1,532	725	1,386
Manure . . . . . farms, 2002	276	58	409	145	94	183	20	120
1997	(NA)	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	13,329	3,869	32,307	8,584	3,112	6,536	1,121	6,884
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	367	197	509	432	88	443	47	255
1997	306	222	542	389	78	482	57	381
acres treated, 2002	63,140	43,180	87,514	77,372	9,938	161,631	17,708	35,396
1997	40,763	45,154	105,085	65,221	4,962	133,309	19,000	86,478
Weeds, grass, or brush . . . . . farms, 2002	684	243	548	596	189	595	130	424
1997	845	224	653	611	152	693	142	476
acres treated, 2002	254,109	142,947	208,479	259,665	67,182	358,288	89,593	216,442
1997	251,375	106,731	144,378	230,687	31,524	331,451	87,720	201,139
Nematodes . . . . . farms, 2002	-	10	52	64	6	1	2	8
1997	11	-	57	45	21	36	10	20
acres treated, 2002	-	556	5,419	3,687	12	(D)	(D)	772
1997	1,787	-	4,811	2,966	220	7,366	1,000	2,350
Diseases in crops and orchards . . . . . farms, 2002	2	10	-	60	44	9	3	-
1997	1	-	9	17	26	14	-	18
acres treated, 2002	(D)	687	-	3,905	1,880	(D)	6	-
1997	(D)	-	657	1,830	806	420	-	2,001
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	7	-	-	-	22	1	1	-
1997	17	1	16	7	26	12	4	15
acres on which used, 2002	252	(D)	-	-	1,370	(D)	(D)	-
1997	428	(D)	774	6,567	789	4,822	132	260

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	Washington	Wayne	White	Whiteside	Will	Williamson	Winnebago	Woodford
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	572	501	252	717	516	204	465	730
1997	635	607	330	824	712	277	505	745
acres treated, 2002	243,673	246,916	134,875	261,386	175,400	38,903	139,976	212,743
1997	235,016	159,390	157,138	266,053	186,851	31,285	113,821	178,941
Cropland fertilized, except cropland pastured . . . . . farms, 2002	572	452	235	690	516	163	456	716
1997	625	556	290	805	707	235	505	724
acres treated, 2002	240,896	242,619	132,302	260,200	175,400	36,519	136,226	211,116
1997	233,928	152,675	153,644	264,423	(D)	29,671	113,255	173,564
Pastureland and rangeland fertilized . . . . . farms, 2002	74	94	62	92	-	54	46	50
1997	59	129	63	68	5	92	18	51
acres treated, 2002	2,777	4,297	2,573	1,186	-	2,384	3,750	1,627
1997	1,088	6,715	3,494	1,630	(D)	1,614	566	5,377
Manure . . . . . farms, 2002	181	61	45	226	162	39	178	160
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	18,968	3,337	2,241	17,899	4,860	382	8,823	6,567
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	283	191	98	342	363	56	279	440
1997	312	158	128	625	309	55	298	363
acres treated, 2002	55,563	39,768	52,300	80,142	106,408	1,435	48,711	106,728
1997	44,980	28,660	42,441	116,976	44,901	3,894	39,807	47,520
Weeds, grass, or brush . . . . . farms, 2002	506	323	208	626	430	111	419	658
1997	521	487	229	638	600	155	371	693
acres treated, 2002	241,291	166,119	181,847	272,220	196,766	62,369	138,757	228,005
1997	211,476	160,543	159,007	254,968	198,837	24,857	112,934	220,335
Nematodes . . . . . farms, 2002	17	3	22	35	40	-	19	40
1997	-	1	6	61	13	-	11	31
acres treated, 2002	1,700	(D)	301	3,073	5,114	-	6,490	3,723
1997	-	(D)	1,619	7,179	1,681	-	1,100	1,913
Diseases in crops and orchards . . . . . farms, 2002	2	-	1	17	49	11	33	22
1997	11	11	2	85	76	16	26	31
acres treated, 2002	(D)	-	(D)	3,571	8,832	33	416	390
1997	68	(D)	(D)	8,454	6,739	180	385	2,527
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	2	-	-	-	10
1997	-	-	1	17	34	-	15	8
acres on which used, 2002	-	-	-	(D)	-	-	-	2,000
1997	-	-	(D)	7,597	1,283	-	500	3,618

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

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