

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

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

Chemicals used	Illinois	Adams	Alexander	Bond	Boone	Brown	Bureau
Commercial fertilizer ----- farms, 1987..	71 348	1 298	137	571	423	334	1 311
1982..	75 634	1 222	115	596	443	305	1 430
acres on which used, 1987..	14 440 707	216 315	20 107	108 061	88 259	54 020	295 587
1982..	15 850 943	204 581	26 901	97 078	104 706	46 389	317 112
Cropland fertilized, except pastureland ----- farms, 1987..	70 245	1 277	137	561	423	316	1 311
1982..	74 465	1 212	115	582	430	291	1 419
acres on which used, 1987..	14 246 772	207 028	19 687	106 696	87 972	51 341	295 247
1982..	15 661 162	197 589	(D)	96 329	104 662	45 171	316 223
Pastureland and rangeland fertilized ----- farms, 1987..	5 183	183	19	80	14	59	24
1982..	5 446	170	1	49	13	24	40
acres on which used, 1987..	193 935	9 287	420	1 365	287	2 679	340
1982..	189 781	6 992	(D)	749	44	1 218	889
Lime ----- farms, 1987..	23 350	357	19	172	96	108	410
1982..	18 405	270	16	152	53	27	301
acres on which used, 1987..	1 588 801	15 092	2 440	6 793	9 666	2 893	33 680
1982..	1 069 554	8 748	1 479	4 611	4 183	2 135	22 895
tons, 1987..	3 890 562	38 753	7 473	17 602	24 875	7 139	75 537
1982..	2 685 911	22 186	4 210	12 805	12 623	4 665	50 418
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987..	35 452	638	33	204	321	124	998
1982..	33 416	488	27	211	267	104	931
acres on which used, 1987..	5 036 445	63 837	6 989	19 167	45 962	13 081	169 407
1982..	5 899 183	64 705	7 150	22 003	56 886	14 961	213 592
Nematodes in crops ----- farms, 1987..	2 270	65	-	64	11	16	39
1982..	2 439	83	-	2	5	1	23
acres on which used, 1987..	247 074	5 209	-	3 994	912	601	5 743
1982..	373 233	7 796	-	(D)	4 684	(D)	5 165
Diseases in crops and orchards ----- farms, 1987..	2 099	39	2	1	39	9	15
1982..	2 141	25	1	23	6	-	28
acres on which used, 1987..	160 619	2 283	(D)	(D)	115	117	128
1982..	256 913	578	(D)	1 677	210	-	2 424
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	59 780	1 083	104	401	301	290	1 136
1982..	63 978	1 076	129	465	331	240	1 244
acres on which used, 1987..	14 979 356	208 786	40 168	90 504	67 047	58 750	302 443
1982..	16 823 932	208 443	41 738	89 516	99 917	43 258	334 003
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	1 548	33	-	16	19	16	28
1982..	2 266	33	9	27	26	7	27
acres on which used, 1987..	171 002	9 784	-	1 212	(D)	143	231
1982..	262 585	742	536	1 713	2 810	539	2 562

Chemicals used	Calhoun	Carroll	Cass	Champaign	Christian	Clark	Clay	Clinton
Commercial fertilizer ----- farms, 1987..	323	625	407	1 434	864	588	603	923
1982..	364	623	467	1 641	941	741	649	913
acres on which used, 1987..	25 393	135 932	108 715	294 092	217 064	137 773	139 649	155 744
1982..	36 437	169 535	111 341	327 528	225 865	155 529	108 093	154 254
Cropland fertilized, except pastureland ----- farms, 1987..	303	624	392	1 434	863	581	590	915
1982..	340	622	467	1 641	936	727	636	913
acres on which used, 1987..	24 113	134 783	107 114	292 914	215 316	137 126	138 305	155 183
1982..	34 817	165 809	109 286	327 208	224 490	154 546	107 007	154 016
Pastureland and rangeland fertilized ----- farms, 1987..	26	51	52	26	42	34	60	46
1982..	83	92	27	9	35	65	55	16
acres on which used, 1987..	1 280	1 149	1 601	1 178	1 748	647	1 344	561
1982..	1 620	3 726	2 075	320	1 375	983	1 086	238
Lime ----- farms, 1987..	73	214	137	487	285	159	253	358
1982..	50	158	79	241	198	233	241	440
acres on which used, 1987..	1 944	20 419	8 452	38 198	22 087	11 001	15 199	11 221
1982..	1 261	7 990	5 417	17 255	13 022	11 320	10 295	17 322
tons, 1987..	4 679	64 244	19 910	83 836	54 881	25 804	48 228	33 823
1982..	3 817	23 060	13 265	38 132	28 114	25 719	28 493	43 483
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	163	528	256	507	479	206	148	545
1982..	191	522	213	515	375	154	169	392
acres on which used, 1987..	14 587	103 518	38 367	54 508	76 609	30 317	24 642	54 821
1982..	9 687	129 800	39 634	76 614	69 252	30 451	22 759	43 009
Nematodes in crops ----- farms, 1987..	1	34	2	39	2	20	18	5
1982..	6	31	13	32	6	7	1	20
acres on which used, 1987..	(D)	8 255	(D)	1 730	(D)	1 102	253	704
1982..	180	4 769	518	2 774	445	918	(D)	1 670
Diseases in crops and orchards ----- farms, 1987..	8	26	12	26	3	17	5	19
1982..	36	6	1	33	34	7	2	22
acres on which used, 1987..	324	3 187	135	882	(D)	786	15	707
1982..	496	(D)	(D)	5 679	3 676	1 710	(D)	3 251
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	238	481	353	1 382	711	555	517	727
1982..	245	527	358	1 501	882	680	498	743
acres on which used, 1987..	19 210	97 338	106 943	408 681	266 887	159 732	131 447	114 952
1982..	29 246	130 028	124 595	469 721	311 687	185 281	91 956	122 779
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	-	10	22	2	12	1	8	51
1982..	18	9	-	23	34	10	35	10
acres on which used, 1987..	-	19	238	(D)	5 304	(D)	640	4 881
1982..	361	3 415	-	3 715	3 947	325	1 977	1 030

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Coles	Cook	Crawford	Cumberland	De Kalb	De Witt	Douglas	Du Page
Commercial fertilizer ----- farms, 1987--	700	198	460	601	907	493	698	108
1982--	715	189	537	627	962	549	645	102
acres on which used, 1987--	131 303	17 342	127 948	96 574	235 009	100 173	126 565	15 499
1982--	149 297	21 589	150 080	115 836	269 379	110 156	139 925	18 937
Cropland fertilized, except pastureland ----- farms, 1987--	700	198	460	582	907	485	698	103
1982--	709	164	532	619	950	549	645	96
acres on which used, 1987--	131 023	17 342	127 061	94 708	234 218	99 735	126 442	15 419
1982--	148 723	21 239	148 355	114 941	268 796	110 096	(D)	18 913
Pastureland and rangeland fertilized ----- farms, 1987--	10	-	28	48	10	15	7	5
1982--	29	25	29	53	20	6	2	6
acres on which used, 1987--	280	-	887	1 866	791	438	123	80
1982--	574	350	1 725	895	583	60	(D)	24
Lime ----- farms, 1987--	207	1	154	174	168	179	292	4
1982--	154	23	168	194	152	101	113	13
acres on which used, 1987--	11 369	(D)	8 558	8 701	20 895	16 247	25 444	(D)
1982--	7 517	1 847	7 642	6 061	14 982	5 802	7 299	1 424
tons, 1987--	28 690	(D)	21 388	22 648	57 341	32 900	63 620	(D)
1982--	20 292	2 626	19 453	17 313	40 066	12 778	20 044	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	244	109	129	248	734	255	263	34
1982--	131	102	135	186	619	130	206	90
acres on which used, 1987--	25 040	5 637	21 023	33 289	142 454	37 147	29 321	4 735
1982--	27 324	6 400	24 490	30 015	138 178	23 698	32 761	9 295
Nematodes in crops ----- farms, 1987--	-	26	9	37	50	5	4	2
1982--	1	21	1	29	44	32	1	14
acres on which used, 1987--	-	1 052	360	850	8 703	1 500	519	(D)
1982--	(D)	1 167	(D)	3 477	5 573	2 068	(D)	560
Diseases in crops and orchards ----- farms, 1987--	5	62	7	8	26	15	11	4
1982--	1	37	32	7	28	11	2	13
acres on which used, 1987--	(D)	592	105	192	4 322	1 380	655	(D)
1982--	(D)	418	631	112	2 479	289	(D)	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	613	156	415	514	751	389	585	82
1982--	673	149	488	571	867	490	561	72
acres on which used, 1987--	172 410	22 855	131 774	109 329	220 450	125 297	181 535	17 854
1982--	200 333	18 279	137 109	115 738	279 725	153 579	197 757	19 257
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	8	18	5	15	39	8	10	1
1982--	21	3	29	17	18	17	7	-
acres on which used, 1987--	1 659	62	1 126	176	7 288	336	3 402	(D)
1982--	4 249	(D)	1 940	506	4 125	2 082	357	-

Chemicals used	Edgar	Edwards	Effingham	Fayette	Ford	Franklin	Fulton	Gallatin
Commercial fertilizer ----- farms, 1987--	810	311	1 015	916	669	395	1 086	265
1982--	858	316	988	1 102	702	462	988	218
acres on which used, 1987--	191 601	55 253	162 814	162 289	138 829	84 140	192 744	118 718
1982--	207 347	69 643	153 469	194 138	162 554	110 499	186 899	123 049
Cropland fertilized, except pastureland ----- farms, 1987--	800	305	994	912	664	383	1 079	265
1982--	840	301	977	1 089	702	440	976	217
acres on which used, 1987--	189 298	54 218	160 644	160 666	138 450	82 640	187 787	118 313
1982--	203 322	65 629	151 650	191 397	160 960	106 565	184 935	121 562
Pastureland and rangeland fertilized ----- farms, 1987--	48	48	105	90	15	46	138	6
1982--	74	66	95	97	29	89	64	27
acres on which used, 1987--	2 303	1 035	2 170	1 623	379	1 500	4 957	405
1982--	4 025	4 014	1 819	2 741	1 594	3 934	1 964	1 487
Lime ----- farms, 1987--	288	149	361	340	285	126	353	67
1982--	202	95	309	284	132	123	239	72
acres on which used, 1987--	24 657	4 640	12 127	12 114	22 140	7 079	19 866	7 755
1982--	11 972	4 063	7 141	8 722	9 098	7 974	15 447	7 565
tons, 1987--	58 999	12 515	34 257	37 015	47 827	22 998	46 871	24 582
1982--	29 130	11 043	19 652	25 813	18 983	28 449	32 578	21 701
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	247	69	468	296	247	75	519	85
1982--	207	93	374	325	135	19	451	101
acres on which used, 1987--	43 368	11 094	43 641	27 536	27 499	12 018	56 933	30 332
1982--	36 801	18 616	24 556	31 704	24 587	3 703	80 028	25 857
Nematodes in crops ----- farms, 1987--	8	-	24	9	11	10	29	-
1982--	1	10	11	14	-	1	13	-
acres on which used, 1987--	743	-	1 178	1 870	440	40	2 449	-
1982--	(D)	170	608	1 082	-	(D)	2 371	-
Diseases in crops and orchards ----- farms, 1987--	4	-	1	24	9	10	16	-
1982--	6	15	11	22	17	31	31	11
acres on which used, 1987--	619	-	(D)	1 021	60	40	(D)	-
1982--	778	2 638	152	1 834	880	3 513	2 128	1 458
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	611	297	782	786	603	248	939	216
1982--	751	274	869	904	648	373	943	183
acres on which used, 1987--	229 429	48 987	119 992	159 208	196 812	60 267	200 847	100 843
1982--	251 736	64 928	137 000	167 960	221 079	107 527	202 517	116 048
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	28	47	32	48	7	34	19	4
1982--	52	2	60	56	10	13	1	24
acres on which used, 1987--	2 819	1 364	989	828	1 619	1 170	235	(D)
1982--	8 282	(D)	1 722	2 621	856	1 947	(D)	2 795

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Greene	Grundy	Hamilton	Hancock	Hardin	Henderson	Henry	Iroquois
Commercial fertilizer ----- farms, 1987--	635	541	443	1 159	65	447	1 361	1 569
1982--	681	524	541	1 165	89	456	1 441	1 641
acres on which used, 1987--	121 702	128 730	111 768	206 880	3 776	96 357	260 328	394 680
1982--	136 701	132 881	115 354	183 087	4 065	109 042	292 440	418 633
Cropland fertilized, except pastureland ----- farms, 1987--	635	529	420	1 137	53	447	1 353	1 563
1982--	676	524	528	1 136	55	456	1 417	1 622
acres on which used, 1987--	119 115	128 521	109 386	201 209	2 928	94 264	257 665	393 800
1982--	133 688	132 361	114 217	179 824	3 167	106 486	291 321	417 274
Pastureland and rangeland fertilized ----- farms, 1987--	66	15	64	112	21	27	58	72
1982--	70	28	34	101	42	38	40	71
acres on which used, 1987--	2 587	209	2 382	5 671	848	2 093	2 663	880
1982--	3 013	520	1 137	3 263	898	2 556	1 119	1 359
Lime ----- farms, 1987--	229	161	138	357	20	120	576	437
1982--	143	72	216	303	58	71	375	338
acres on which used, 1987--	15 309	15 266	8 305	23 025	906	6 483	41 429	45 588
1982--	6 348	7 500	14 326	15 133	715	5 834	23 774	21 168
tons, 1987--	29 317	35 008	25 360	62 770	2 290	16 734	100 482	84 333
1982--	18 793	17 885	43 870	52 207	2 185	15 003	59 259	49 586
Sprays, dusts, granules, fumigants, etc., to control--								
insects on hay and other crops ----- farms, 1987--	274	270	75	483	4	275	989	711
1982--	381	201	120	535	19	340	1 099	497
acres on which used, 1987--	40 351	35 942	(D)	65 558	(D)	43 924	162 650	96 029
1982--	63 832	39 644	31 455	84 547	513	72 643	194 560	85 241
Nematodes in crops ----- farms, 1987--	33	15	11	23	-	4	115	64
1982--	31	10	7	-	-	20	102	39
acres on which used, 1987--	2 886	2 921	1 693	2 803	-	2 305	15 135	6 943
1982--	4 544	(D)	371	-	-	1 786	21 024	5 179
Diseases in crops and orchards ----- farms, 1987--	8	13	1	9	-	11	48	83
1982--	2	-	7	21	-	8	20	25
acres on which used, 1987--	443	1 075	(D)	(D)	-	730	2 736	9 070
1982--	(D)	-	301	834	-	1 955	8 181	3 719
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	606	470	338	988	32	366	1 182	1 327
1982--	576	449	432	1 091	20	358	1 230	1 470
acres on which used, 1987--	141 184	142 870	106 521	232 366	2 567	86 417	224 772	421 888
1982--	151 670	135 916	109 700	224 207	2 745	99 689	277 647	510 167
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	11	7	26	12	-	1	8	43
1982--	38	22	8	56	-	1	64	40
acres on which used, 1987--	(D)	1 910	1 883	3 709	(D)	(D)	697	4 975
1982--	10 142	6 963	2 580	9 712	-	(D)	2 728	4 664
Chemicals used	Jackson	Jasper	Jefferson	Jersey	Jo Daviess	Johnson	Kane	Kankakee
Commercial fertilizer ----- farms, 1987--	520	751	771	513	821	288	659	937
1982--	521	811	857	545	816	334	687	972
acres on which used, 1987--	84 926	166 672	103 030	90 860	108 659	25 690	143 679	232 476
1982--	88 813	173 791	137 257	94 547	116 342	30 887	166 116	260 891
Cropland fertilized, except pastureland ----- farms, 1987--	479	751	726	503	808	228	652	937
1982--	514	804	805	545	811	285	679	963
acres on which used, 1987--	81 751	164 220	99 070	87 497	103 292	21 252	143 228	231 515
1982--	86 268	172 576	131 927	91 143	111 417	27 492	165 713	260 541
Pastureland and rangeland fertilized ----- farms, 1987--	101	67	93	76	121	86	40	21
1982--	66	57	129	66	115	76	19	20
acres on which used, 1987--	3 175	2 452	3 960	3 363	5 367	4 438	451	961
1982--	2 545	1 215	5 330	3 404	4 925	3 395	403	350
Lime ----- farms, 1987--	140	252	275	151	262	111	123	213
1982--	160	294	323	150	181	95	75	207
acres on which used, 1987--	3 951	11 576	13 728	7 314	12 854	5 509	12 219	19 725
1982--	6 054	13 742	18 592	8 885	12 277	1 948	3 857	18 929
tons, 1987--	13 947	33 217	46 864	18 896	32 230	16 274	35 079	44 909
1982--	21 612	44 755	61 718	28 782	31 770	7 691	10 300	40 936
Sprays, dusts, granules, fumigants, etc., to control--								
insects on hay and other crops ----- farms, 1987--	204	303	117	270	624	74	425	420
1982--	149	288	198	252	574	106	424	447
acres on which used, 1987--	16 322	47 698	12 872	34 663	62 821	5 640	67 682	67 132
1982--	17 277	45 579	18 776	41 137	65 461	9 914	69 687	74 445
Nematodes in crops ----- farms, 1987--	-	9	18	1	56	-	27	19
1982--	-	22	7	27	63	-	17	54
acres on which used, 1987--	-	1 224	72	(D)	4 687	-	4 034	1 708
1982--	-	2 300	730	1 282	7 071	-	3 041	11 840
Diseases in crops and orchards ----- farms, 1987--	8	2	28	17	18	-	50	68
1982--	49	31	13	20	41	26	22	62
acres on which used, 1987--	128	(D)	404	530	(D)	-	1 720	7 272
1982--	3 179	5 554	922	1 298	7 461	3 550	1 459	6 368
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	372	651	614	421	600	191	545	870
1982--	462	636	747	357	603	179	565	871
acres on which used, 1987--	87 045	157 854	93 532	93 975	59 676	23 036	128 978	223 734
1982--	93 275	170 223	132 225	73 051	69 221	25 219	148 434	271 560
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	35	19	13	9	14	10	1	25
1982--	37	51	49	18	3	25	2	22
acres on which used, 1987--	1 861	9 416	987	1 775	2 405	220	(D)	3 559
1982--	2 413	4 457	9 481	1 773	164	3 505	(D)	2 511

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	County							
	Kendall	Knox	Lake	La Salle	Lawrence	Lee	Livingston	Logan
Commercial fertilizer ----- farms, 1987..	489	881	212	1 732	381	1 050	1 507	771
1982..	500	937	281	1 790	377	1 077	1 634	865
acres on which used, 1987..	102 881	177 826	42 792	348 080	93 860	250 426	320 901	184 505
1982..	116 234	204 707	58 274	386 903	116 133	283 349	360 659	200 794
Cropland fertilized, except pastureland ----- farms, 1987..	483	874	211	1 724	381	1 043	1 501	771
1982..	485	912	280	1 789	372	1 077	1 634	865
acres on which used, 1987..	102 621	175 501	(D)	347 109	93 335	248 448	319 878	184 157
1982..	115 821	202 076	58 028	386 680	115 369	282 529	360 571	200 021
Pastureland and rangeland fertilized ----- farms, 1987..	13	72	1	34	18	34	43	13
1982..	24	70	23	10	27	24	8	32
acres on which used, 1987..	260	2 325	(D)	971	525	1 978	1 023	348
1982..	413	2 631	246	223	764	820	88	773
Lime ----- farms, 1987..	89	345	21	578	140	274	448	322
1982..	100	183	14	358	156	167	299	193
acres on which used, 1987..	7 811	28 296	2 907	47 389	10 824	27 441	34 003	23 110
1982..	9 290	16 457	204	26 181	10 541	12 954	19 351	11 557
tons, 1987..	21 066	68 856	(D)	106 770	22 609	60 704	75 391	46 865
1982..	25 568	37 104	(D)	61 128	25 222	29 559	41 531	23 816
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1987..	242	638	125	837	92	821	514	569
1982..	276	679	124	830	100	791	466	474
acres on which used, 1987..	28 249	96 547	19 274	118 595	22 576	147 584	58 862	74 878
1982..	49 031	138 271	19 976	158 898	29 232	181 350	62 736	99 440
Nematodes in crops ----- farms, 1987..	29	22	26	65	-	91	38	12
1982..	31	56	2	57	14	76	15	50
acres on which used, 1987..	1 470	5 091	1 751	8 836	-	10 533	4 519	1 940
1982..	1 991	12 097	(D)	16 388	2 438	12 375	1 175	11 902
Diseases in crops and orchards ----- farms, 1987..	16	10	39	53	8	18	8	13
1982..	30	33	27	15	3	53	7	6
acres on which used, 1987..	1 628	1 009	1 631	3 290	163	2 385	(D)	3 184
1982..	4 282	455	786	3 416	(D)	11 539	1 819	4 458
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	433	691	135	1 511	321	826	1 426	675
1982..	393	770	179	1 535	299	902	1 490	719
acres on which used, 1987..	108 610	180 081	28 802	376 171	89 947	229 720	445 272	227 629
1982..	114 679	193 900	46 673	428 405	111 972	307 673	466 761	226 914
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	-	15	1	20	30	21	15	9
1982..	5	9	7	8	44	35	16	7
acres on which used, 1987..	-	7 607	(D)	1 475	3 218	4 914	2 002	5 000
1982..	10	(D)	3 905	3 660	13 304	1 791	2 205	2 049

Chemicals used	County							
	McDonough	McHenry	McLean	Macon	Macoupin	Madison	Marion	Marshall
Commercial fertilizer ----- farms, 1987..	815	789	1 624	693	1 181	1 177	755	526
1982..	839	800	1 793	750	1 252	1 304	845	537
acres on which used, 1987..	159 642	155 778	376 378	152 579	216 942	182 729	139 393	113 205
1982..	171 073	174 597	433 411	173 984	231 576	195 612	160 224	112 689
Cropland fertilized, except pastureland ----- farms, 1987..	804	770	1 623	686	1 173	1 164	745	526
1982..	832	800	1 793	750	1 232	1 281	813	531
acres on which used, 1987..	157 089	155 246	374 976	151 731	215 332	180 939	137 569	112 003
1982..	168 871	174 510	432 556	173 528	227 140	194 362	157 903	111 114
Pastureland and rangeland fertilized ----- farms, 1987..	75	34	56	17	77	73	64	31
1982..	48	6	60	19	105	93	118	25
acres on which used, 1987..	2 553	532	1 402	848	1 610	1 790	1 824	1 202
1982..	2 202	87	855	456	4 436	1 250	2 321	1 575
Lime ----- farms, 1987..	280	110	625	348	344	433	296	224
1982..	171	123	297	190	374	442	330	153
acres on which used, 1987..	18 756	7 713	60 000	30 946	19 538	15 270	11 251	19 428
1982..	10 207	10 951	28 386	15 034	17 437	15 101	12 958	12 510
tons, 1987..	49 291	20 986	113 798	66 645	47 244	40 136	35 631	45 147
1982..	23 848	23 554	57 751	31 997	44 762	37 052	38 892	25 705
Sprays, dusts, granules, fumigants, etc., to control—								
insects on hay and other crops ----- farms, 1987..	423	588	812	297	539	547	149	254
1982..	421	409	799	299	623	468	144	289
acres on which used, 1987..	52 550	96 626	106 254	47 424	89 553	49 152	25 028	33 310
1982..	72 276	87 394	170 684	62 863	101 301	50 878	29 698	56 924
Nematodes in crops ----- farms, 1987..	35	56	29	13	28	39	19	2
1982..	46	100	51	-	39	21	2	22
acres on which used, 1987..	2 550	9 086	2 866	1 678	3 780	3 243	385	(D)
1982..	4 379	10 815	8 988	-	10 310	382	(D)	3 983
Diseases in crops and orchards ----- farms, 1987..	9	72	46	29	30	41	24	23
1982..	31	42	27	34	33	69	42	8
acres on which used, 1987..	2 333	4 728	9 637	2 142	964	4 704	940	1 168
1982..	7 413	4 078	6 912	11 474	1 604	6 667	4 330	1 222
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	703	637	1 461	615	994	954	668	496
1982..	714	655	1 578	636	1 091	1 049	758	443
acres on which used, 1987..	184 786	120 343	474 926	223 444	226 415	163 058	138 383	120 693
1982..	185 693	139 240	544 687	249 994	239 363	168 680	154 199	121 783
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	13	4	1	8	24	25	18	15
1982..	14	32	14	7	53	51	26	17
acres on which used, 1987..	38	(D)	(D)	577	727	656	740	3 951
1982..	1 566	1 650	10 180	1 832	9 998	3 740	1 271	2 306

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	County								
	Mason	Massac	Menard	Mercer	Monroe	Montgomery	Morgan	Moultrie	
Commercial fertilizer ----- farms, 1987--	495	330	331	733	513	1 012	741	492	
	1982--	558	311	403	810	1 114	859	443	
	acres on which used, 1987--	163 546	43 256	83 129	146 499	113 937	183 465	145 733	81 274
	1982--	156 750	48 918	91 213	188 273	111 592	196 091	162 660	86 091
Cropland fertilized, except pastureland ----- farms, 1987--	495	311	329	726	498	981	734	492	
	1982--	558	311	397	801	520	1 098	828	435
	acres on which used, 1987--	161 956	36 865	81 904	143 850	112 150	182 102	141 050	(D)
	1982--	155 313	46 879	89 993	185 639	108 829	193 403	158 194	85 855
Pastureland and rangeland fertilized ----- farms, 1987--	38	69	17	102	85	69	73	2	
	1982--	32	50	33	47	99	118	16	
	acres on which used, 1987--	1 590	6 391	1 225	2 649	1 787	1 363	4 683	(D)
	1982--	1 437	2 039	1 220	2 634	2 763	2 688	4 466	236
Lime ----- farms, 1987--	105	80	114	230	160	356	262	148	
	1982--	93	85	112	123	178	302	184	76
	acres on which used, 1987--	8 400	6 336	7 527	18 313	12 042	21 585	19 255	9 291
	1982--	7 993	3 342	5 666	12 168	6 184	16 256	10 581	4 948
Sprays, dusts, granules, fumigants, etc., to control--									
	Insects on hay and other crops ----- farms, 1987--	313	25	166	543	227	527	384	191
	1982--	263	52	135	589	217	373	398	88
	acres on which used, 1987--	51 806	1 911	23 364	87 669	29 626	69 934	58 539	25 725
1982--	48 781	6 880	27 009	127 402	15 667	55 837	66 349	13 059	
Nematodes in crops ----- farms, 1987--	68	-	5	46	14	41	-	13	
	1982--	57	7	11	97	7	34	7	12
	acres on which used, 1987--	5 943	-	426	5 007	1 355	6 394	-	557
	1982--	6 757	1 156	1 107	20 891	514	5 889	770	366
Diseases in crops and orchards ----- farms, 1987--	30	10	1	30	31	24	9	13	
	1982--	20	8	1	54	16	20	10	
	acres on which used, 1987--	2 039	70	(D)	3 842	2 712	4 295	1 265	146
	1982--	1 294	240	(D)	5 891	1 989	4 304	1 152	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	447	250	312	585	412	924	617	402	
	1982--	486	251	395	671	450	922	694	467
	acres on which used, 1987--	175 629	45 594	102 200	133 300	93 249	218 259	175 717	110 680
	1982--	176 750	41 258	121 905	174 215	88 590	206 498	205 206	142 370
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	1	-	8	10	8	10	13	1	
	1982--	41	7	22	8	20	51	32	26
	acres on which used, 1987--	(D)	-	17	408	848	1 137	692	(D)
	1982--	3 096	1 001	1 358	205	981	11 165	2 441	3 239

Chemicals used	County								
	Ogle	Peoria	Perry	Piatt	Pike	Pope	Pulaski	Putnam	
Commercial fertilizer ----- farms, 1987--	1 087	789	454	544	954	182	179	184	
	1982--	1 096	830	505	536	198	156	213	
	acres on which used, 1987--	261 295	133 760	105 839	125 285	181 759	16 934	33 131	88 878
	1982--	286 201	150 230	102 612	145 581	189 497	25 302	36 695	49 263
Cropland fertilized, except pastureland ----- farms, 1987--	1 082	770	437	544	912	158	128	184	
	1982--	1 095	830	485	536	895	168	142	213
	acres on which used, 1987--	258 398	133 308	103 106	124 631	171 979	15 204	30 051	38 652
	1982--	282 042	149 072	97 948	144 980	179 769	23 541	35 066	49 263
Pastureland and rangeland fertilized ----- farms, 1987--	47	27	66	20	146	24	60	4	
	1982--	32	25	122	6	204	52	24	
	acres on which used, 1987--	2 897	452	2 733	654	9 780	1 730	3 080	226
	1982--	4 159	1 158	4 664	601	9 726	1 761	1 629	-
Lime ----- farms, 1987--	316	231	175	168	381	21	51	78	
	1982--	241	205	180	139	224	38	65	64
	acres on which used, 1987--	26 936	16 001	7 943	23 113	20 613	451	3 566	7 325
	1982--	13 778	12 998	6 522	12 218	11 067	751	4 922	4 602
Sprays, dusts, granules, fumigants, etc., to control--									
	Insects on hay and other crops ----- farms, 1987--	870	463	135	225	445	20	21	139
	1982--	812	424	107	183	355	15	11	116
	acres on which used, 1987--	162 910	65 664	9 946	21 755	69 565	1 167	1 796	13 500
1982--	199 351	79 119	5 895	45 593	62 496	5 903	2 807	25 896	
Nematodes in crops ----- farms, 1987--	62	18	-	7	33	-	-	8	
	1982--	63	39	2	8	17	11	1	
	acres on which used, 1987--	7 403	5 066	-	1 925	3 071	-	-	576
	1982--	10 622	10 213	(D)	75	3 664	-	320	(D)
Diseases in crops and orchards ----- farms, 1987--	10	29	20	15	20	-	-	9	
	1982--	51	21	8	14	22	3	9	
	acres on which used, 1987--	265	1 429	1 342	521	3 323	-	-	32
	1982--	4 070	3 862	400	3 550	6 617	-	2 202	17
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	915	657	384	467	809	116	171	158	
	1982--	888	745	431	527	702	133	145	191
	acres on which used, 1987--	213 285	149 677	84 695	165 034	176 646	14 497	36 143	40 597
	1982--	229 041	159 048	96 556	227 403	174 386	22 385	47 338	65 012
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	30	21	40	24	18	-	-	-	
	1982--	52	29	16	22	56	1	-	
	acres on which used, 1987--	2 897	71	3 720	1 524	610	-	-	
	1982--	1 338	979	1 057	439	8 657	-	(D)	

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	County							
	Randolph	Richland	Rock Island	St. Clair	Saline	Sangamon	Schuyler	Scott
Commercial fertilizer ----- farms, 1987..	724	529	544	897	334	971	461	340
1982..	838	553	594	977	356	1 023	503	319
acres on which used, 1987..	120 995	114 142	90 002	156 204	82 193	217 181	77 974	83 354
1982..	134 046	121 197	100 884	169 836	95 260	230 528	77 716	62 391
Cropland fertilized, except pastureland ----- farms, 1987..	717	521	544	884	322	951	453	340
1982..	801	539	585	969	340	1 006	503	311
acres on which used, 1987..	116 110	112 772	89 752	153 669	79 987	215 931	73 640	81 039
1982..	131 205	117 043	100 189	167 790	91 815	228 392	76 274	61 384
Pastureland and rangeland fertilized ----- farms, 1987..	107	29	14	69	49	47	74	52
1982..	100	84	22	60	41	44	55	29
acres on which used, 1987..	4 885	1 370	250	2 535	2 206	1 250	4 334	2 315
1982..	2 841	4 154	695	2 046	3 445	2 136	1 442	1 007
Lime ----- farms, 1987..	260	179	134	236	146	399	147	79
1982..	217	195	78	250	81	255	117	108
acres on which used, 1987..	9 599	7 094	12 347	8 006	5 836	33 134	10 184	3 902
1982..	5 706	10 411	5 725	9 344	4 911	19 805	3 983	4 423
tons, 1987..	32 450	17 464	33 203	22 587	19 618	80 299	20 521	8 731
1982..	17 725	26 773	14 407	27 544	14 892	40 956	9 909	9 973
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	392	144	381	323	89	512	185	140
1982..	255	142	377	398	100	456	143	164
acres on which used, 1987..	24 124	24 653	56 578	33 124	8 696	84 888	28 517	31 284
1982..	18 161	22 385	64 712	41 470	10 018	100 215	24 069	18 598
Nematodes in crops ----- farms, 1987..	14	8	20	21	-	3	29	1
1982..	8	4	38	34	-	15	40	2
acres on which used, 1987..	739	540	1 429	1 300	-	194	1 617	(D)
1982..	160	140	7 487	1 185	-	973	3 736	(D)
Diseases in crops and orchards ----- farms, 1987..	30	7	27	22	-	38	14	1
1982..	44	2	50	33	-	24	8	3
acres on which used, 1987..	181	(D)	322	2 079	-	7 004	1 587	(D)
1982..	2 844	(D)	849	2 377	-	5 586	(D)	(D)
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	557	464	412	850	225	818	422	238
1982..	718	485	518	905	290	842	456	312
acres on which used, 1987..	95 991	108 703	74 863	146 770	65 781	294 152	82 064	64 916
1982..	122 408	141 103	98 117	156 121	88 843	321 004	88 489	78 749
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	13	15	4	31	11	16	4	20
1982..	44	15	34	35	17	19	29	2
acres on which used, 1987..	736	1 205	147	992	262	3 021	(D)	1 168
1982..	4 705	889	550	4 592	2 323	3 659	1 411	(D)

Chemicals used	County							
	Shelby	Stark	Stephenson	Tazewell	Union	Vermilion	Wabash	Warren
Commercial fertilizer ----- farms, 1987..	1 242	375	1 026	967	344	1 036	265	722
1982..	1 293	403	1 147	955	449	1 135	267	770
acres on which used, 1987..	189 546	104 020	177 649	198 664	26 918	246 931	56 512	171 486
1982..	218 308	120 017	214 647	217 739	48 586	266 302	78 890	185 733
Cropland fertilized, except pastureland ----- farms, 1987..	1 215	375	1 020	958	295	1 021	240	721
1982..	1 293	403	1 140	944	444	1 117	253	751
acres on which used, 1987..	187 028	103 262	175 271	197 821	22 295	243 867	55 440	169 611
1982..	215 039	119 023	212 664	216 175	46 070	265 891	77 686	182 330
Pastureland and rangeland fertilized ----- farms, 1987..	105	19	81	50	107	45	32	37
1982..	113	17	70	44	72	48	38	49
acres on which used, 1987..	2 518	758	2 378	843	4 623	3 064	1 072	1 875
1982..	3 269	994	1 983	1 564	2 516	411	1 204	3 403
Lime ----- farms, 1987..	401	164	399	387	102	397	90	279
1982..	390	201	283	213	98	225	105	128
acres on which used, 1987..	21 366	17 195	20 322	25 598	3 650	34 562	3 605	23 280
1982..	12 456	18 826	18 058	19 358	2 115	18 071	3 821	9 226
tons, 1987..	47 216	34 306	56 065	54 691	10 309	79 628	11 040	65 762
1982..	32 668	47 468	45 592	36 118	8 079	36 621	10 131	24 308
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	554	263	818	645	140	381	110	607
1982..	485	249	951	617	139	332	118	623
acres on which used, 1987..	62 763	51 373	112 933	93 975	9 842	65 384	18 506	105 585
1982..	60 254	77 833	154 664	117 925	9 228	75 173	24 126	130 979
Nematodes in crops ----- farms, 1987..	-	9	59	111	21	6	-	32
1982..	7	9	75	37	2	4	13	28
acres on which used, 1987..	-	2 223	6 985	7 816	226	139	-	3 578
1982..	490	1 168	10 697	7 463	(D)	(D)	1 133	4 910
Diseases in crops and orchards ----- farms, 1987..	17	8	34	46	56	56	7	1
1982..	43	1	26	14	38	27	23	23
acres on which used, 1987..	916	51	649	2 041	2 995	2 031	28	(D)
1982..	2 262	(D)	1 328	142	1 627	4 060	254	3 911
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	1 038	341	782	784	255	857	196	585
1982..	1 118	322	819	758	290	985	196	663
acres on which used, 1987..	218 151	110 213	119 887	192 186	33 612	320 946	53 442	144 724
1982..	265 871	113 273	140 965	213 177	40 691	367 401	85 813	175 369
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	15	-	30	31	14	26	4	16
1982..	25	2	28	7	6	26	20	8
acres on which used, 1987..	314	-	2 329	5 270	2 605	4 338	692	506
1982..	1 269	(D)	3 215	2 604	585	2 331	4 235	88

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

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

Chemicals used	Washington	Wayne	White	Whiteside	Will	Williamson	Winnebago	Woodford
Commercial fertilizer ----- farms, 1987..	822	822	411	1 108	993	350	578	931
1982..	906	966	546	1 081	1 024	352	713	908
acres on which used, 1987..	191 326	185 045	137 307	230 552	184 126	30 524	115 697	142 997
1982..	186 767	207 558	172 808	254 729	216 570	33 462	140 027	160 761
Cropland fertilized, except pastureland ----- farms, 1987..	822	807	397	1 102	988	317	570	922
1982..	906	927	546	1 081	989	329	691	902
acres on which used, 1987..	189 193	182 345	135 218	228 169	183 866	29 206	115 383	141 254
1982..	185 398	204 318	168 757	254 064	215 755	32 913	138 055	159 645
Pastureland and rangeland fertilized ----- farms, 1987..	54	89	55	77	11	53	12	36
1982..	58	112	100	25	49	41	73	30
acres on which used, 1987..	2 133	2 700	2 089	2 383	260	1 318	314	1 743
1982..	1 369	3 240	4 051	665	815	549	1 972	1 116
Lime ----- farms, 1987..	369	255	192	300	251	97	170	343
1982..	372	333	160	185	202	78	159	219
acres on which used, 1987..	16 385	13 965	13 065	29 344	18 778	1 920	10 768	27 166
1982..	16 064	25 859	10 010	14 493	12 972	2 448	8 762	18 051
tons, 1987..	45 827	37 725	37 556	66 580	48 033	6 730	26 265	60 034
1982..	49 107	64 133	24 177	37 320	31 719	7 738	24 714	34 561
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	334	235	113	822	452	71	454	456
1982..	340	354	199	885	339	65	431	431
acres on which used, 1987..	31 707	36 472	29 199	139 990	46 614	2 863	74 380	58 286
1982..	35 972	47 916	43 073	189 328	55 774	2 159	83 764	81 164
Nematodes in crops ----- farms, 1987..	20	1	2	46	20	-	48	45
1982..	39	28	8	86	47	18	69	51
acres on which used, 1987..	1 298	(D)	(D)	4 983	2 958	-	8 942	4 675
1982..	6 116	2 677	2 422	15 590	11 111	636	11 540	10 246
Diseases in crops and orchards ----- farms, 1987..	33	11	1	62	79	14	39	19
1982..	8	26	25	14	23	25	40	44
acres on which used, 1987..	998	1 121	(D)	6 407	8 252	66	1 410	2 973
1982..	1 116	2 257	1 063	3 308	7 869	285	1 106	12 903
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	741	693	369	893	846	208	444	771
1982..	773	774	423	896	778	262	558	747
acres on which used, 1987..	159 499	191 573	127 151	199 384	226 430	27 359	89 160	161 625
1982..	161 293	185 574	147 833	235 837	208 604	39 954	119 160	182 017
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	20	26	12	23	14	9	-	16
1982..	54	28	8	15	9	21	26	26
acres on which used, 1987..	1 945	1 594	729	1 159	2 119	283	-	1 937
1982..	4 265	2 197	435	915	1 019	1 133	1 903	1 934