

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

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

Chemicals used	County							
	Illinois	Adams	Alexander	Bond	Boone	Brown	Bureau	
Commercial fertilizer ----- farms, 1982..	75 634	1 222	115	596	443	305	1 430	
1978..	71 058	1 154	151	539	449	276	1 335	
acres on which used, 1982..	15 850 943	204 581	26 901	97 078	104 706	46 369	317 112	
1978..	14 366 641	184 103	26 886	101 385	113 214	42 455	299 235	
Cropland fertilized, except pastureland ----- farms, 1982..	74 465	1 212	115	582	430	291	1 419	
1978..	70 706	1 154	145	534	449	276	1 335	
acres on which used, 1982..	15 661 162	197 589	(D)	96 329	104 662	45 171	316 223	
1978..	14 138 504	174 164	26 666	100 406	112 993	40 112	298 424	
Pastureland and rangeland fertilized ----- farms, 1982..	5 446	170	1	49	13	24	40	
1978..	5 925	226	9	38	16	61	31	
acres on which used, 1982..	189 781	6 992	(D)	749	44	1 218	889	
1978..	228 137	9 939	220	979	221	2 343	811	
Lime ----- farms, 1982..	18 405	270	16	152	53	27	301	
1978..	21 460	366	36	219	112	133	302	
acres on which used, 1982..	1 069 554	8 748	1 479	4 611	4 163	2 135	22 895	
1978..	1 253 647	14 131	3 673	8 703	7 473	6 651	19 459	
tons, 1982..	2 685 911	22 186	4 210	12 805	12 623	4 665	50 418	
1978..	3 269 368	38 306	7 782	27 311	22 054	14 895	42 860	
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	33 416	488	27	211	267	104	931	
1978..	32 587	604	24	129	274	116	704	
acres on which used, 1982..	5 899 183	64 705	7 150	22 003	56 886	14 961	213 592	
1978..	6 044 833	70 062	7 122	18 732	55 705	17 753	157 937	
Nematodes in crops ----- farms, 1982..	2 439	83	-	2	5	1	23	
1978..	3 361	98	1	27	34	14	107	
acres on which used, 1982..	373 233	7 796	-	(D)	4 684	(D)	5 165	
1978..	457 577	7 685	(D)	1 823	3 627	1 093	21 561	
Diseases in crops and orchards ----- farms, 1982..	2 141	25	1	23	6	-	28	
1978..	2 654	46	-	17	21	2	28	
acres on which used, 1982..	256 913	578	(D)	1 677	210	-	2 424	
1978..	302 271	6 349	-	385	1 076	(D)	6 690	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	63 978	1 076	129	465	331	240	1 244	
1978..	56 649	1 020	141	403	343	239	1 048	
acres on which used, 1982..	16 823 932	208 443	41 738	89 516	99 917	43 258	334 003	
1978..	13 723 938	175 827	57 489	75 643	91 921	41 291	272 197	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	2 266	33	9	27	26	7	27	
1978..	1 399	3	21	44	12	17	7	
acres on which used, 1982..	262 585	742	536	1 713	2 810	539	2 562	
1978..	132 339	725	5 548	2 520	1 088	2 993	639	

Chemicals used	County							
	Calhoun	Carroll	Cass	Champaign	Christian	Clark	Clay	Clinton
Commercial fertilizer ----- farms, 1982..	364	623	467	1 641	941	741	649	913
1978..	398	625	409	1 500	943	696	584	798
acres on which used, 1982..	36 437	169 535	111 341	327 528	225 865	155 529	108 093	154 254
1978..	31 347	139 447	102 458	302 960	231 408	159 104	110 896	138 862
Cropland fertilized, except pastureland ----- farms, 1982..	340	622	467	1 641	936	727	636	913
1978..	398	613	409	1 500	943	684	584	798
acres on which used, 1982..	34 817	165 809	109 266	327 208	224 490	154 546	107 007	154 016
1978..	30 124	136 774	100 025	302 713	229 941	157 433	109 375	138 474
Pastureland and rangeland fertilized ----- farms, 1982..	83	92	27	9	35	65	55	16
1978..	40	70	58	9	25	73	42	30
acres on which used, 1982..	1 620	3 726	2 075	320	1 375	983	1 086	238
1978..	1 223	2 673	2 433	247	1 467	1 671	1 521	388
Lime ----- farms, 1982..	50	158	79	241	198	233	241	440
1978..	94	165	133	361	244	278	254	363
acres on which used, 1982..	1 261	7 990	5 417	17 255	13 022	11 320	10 295	17 322
1978..	2 378	11 846	10 651	24 815	19 212	15 508	15 004	10 795
tons, 1982..	3 817	23 060	13 265	38 132	28 114	25 719	28 493	43 483
1978..	6 377	28 647	27 784	57 982	52 466	39 005	46 493	33 601
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	191	522	213	515	375	154	169	392
1978..	232	340	259	525	579	250	173	353
acres on which used, 1982..	9 687	129 800	39 634	76 614	69 252	30 451	22 759	43 009
1978..	7 215	76 280	63 026	110 449	130 531	49 341	26 595	34 787
Nematodes in crops ----- farms, 1982..	6	31	13	32	6	7	1	20
1978..	21	39	22	65	13	44	12	18
acres on which used, 1982..	180	4 769	518	2 774	445	918	(D)	1 670
1978..	997	5 655	1 980	8 915	820	4 658	40	619
Diseases in crops and orchards ----- farms, 1982..	36	6	1	33	34	7	2	22
1978..	46	9	-	71	48	34	11	24
acres on which used, 1982..	496	(D)	(D)	5 679	3 676	1 710	(D)	3 251
1978..	1 491	3 478	-	12 589	5 227	1 203	1 185	1 077
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	245	527	358	1 501	882	680	498	743
1978..	273	432	293	1 301	739	580	480	607
acres on which used, 1982..	29 246	130 028	124 595	469 721	311 687	185 281	91 956	122 779
1978..	29 467	94 076	97 824	376 861	235 411	135 987	101 309	105 889
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	18	9	-	23	34	10	35	10
1978..	7	14	2	22	13	5	11	17
acres on which used, 1982..	361	3 415	-	3 715	3 947	325	1 977	1 030
1978..	115	1 870	(D)	3 212	222	5	240	468

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—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, 1982..	715	189	537	627	962	549	645	102
1978..	668	197	505	645	904	526	626	130
acres on which used, 1982..	149 297	21 589	150 080	115 836	269 379	110 156	139 925	18 937
1978..	131 820	23 402	132 936	98 326	247 864	126 708	136 363	15 929
Cropland fertilized, except pastureland ----- farms, 1982..	709	164	532	619	950	549	645	96
1978..	660	197	505	645	892	526	626	130
acres on which used, 1982..	148 723	21 239	148 355	114 941	268 796	110 096	(D)	18 913
1978..	129 967	23 402	131 841	97 584	247 330	125 835	135 791	15 929
Pastureland and rangeland fertilized ----- farms, 1982..	29	25	29	53	20	6	2	6
1978..	60	-	43	40	42	18	13	-
acres on which used, 1982..	574	350	1 725	895	583	60	(D)	24
1978..	1 853	-	1 095	742	534	873	572	-
Lime ----- farms, 1982..	154	23	168	194	152	101	113	13
1978..	208	16	162	215	184	184	139	20
acres on which used, 1982..	7 517	1 847	7 642	6 061	14 982	5 802	7 299	1 424
1978..	14 939	371	9 789	7 288	15 261	13 143	10 630	524
tons, 1982..	20 292	2 626	19 453	17 313	40 066	12 778	20 044	(D)
1978..	34 807	625	24 955	20 518	40 242	24 093	26 916	1 491
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	131	102	135	186	619	130	206	90
1978..	327	98	178	262	514	236	295	64
acres on which used, 1982..	27 324	6 400	24 490	30 015	138 178	23 698	32 761	9 295
1978..	64 205	9 633	24 836	32 759	134 753	52 384	54 372	8 932
Nematodes in crops ----- farms, 1982..	1	21	1	29	44	32	1	14
1978..	34	-	13	11	41	2	11	2
acres on which used, 1982..	(D)	1 167	(D)	3 477	5 573	2 068	(D)	560
1978..	1 463	-	2 890	717	6 310	(D)	3 845	(D)
Diseases in crops and orchards ----- farms, 1982..	1	37	32	7	28	11	2	13
1978..	30	47	-	17	44	14	27	37
acres on which used, 1982..	(D)	418	631	112	2 479	289	(D)	(D)
1978..	2 787	1 235	-	3 596	9 035	970	4 822	2 325
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	673	149	488	571	867	490	561	72
1978..	462	102	480	559	760	458	515	89
acres on which used, 1982..	200 333	18 279	137 109	115 738	279 725	153 579	197 757	19 257
1978..	130 398	17 136	120 971	80 522	232 564	141 530	146 570	17 307
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	21	3	29	17	18	17	7	-
1978..	18	9	25	14	12	1	6	-
acres on which used, 1982..	4 249	(D)	1 940	506	4 125	2 082	357	-
1978..	464	603	1 128	6 461	796	(D)	710	-

Chemicals used	Edgar	Edwards	Effingham	Fayette	Ford	Franklin	Fulton	Gallatin
Commercial fertilizer ----- farms, 1982..	858	316	988	1 102	702	462	988	218
1978..	783	313	846	936	634	413	941	289
acres on which used, 1982..	207 347	69 643	153 469	194 138	162 554	110 499	186 899	123 049
1978..	175 165	73 775	129 345	141 127	145 649	91 005	155 077	107 463
Cropland fertilized, except pastureland ----- farms, 1982..	840	301	977	1 089	702	440	976	217
1978..	778	298	846	920	634	413	929	289
acres on which used, 1982..	203 322	65 629	151 650	191 397	160 960	106 565	184 935	121 562
1978..	173 555	70 425	126 300	137 249	145 065	88 979	149 994	105 332
Pastureland and rangeland fertilized ----- farms, 1982..	74	66	95	97	29	89	64	27
1978..	57	69	102	133	12	34	96	44
acres on which used, 1982..	4 025	4 014	1 819	2 741	1 594	3 934	1 964	1 487
1978..	1 610	3 350	3 045	3 878	584	2 026	5 083	2 131
Lime ----- farms, 1982..	202	95	309	284	132	123	239	72
1978..	177	143	339	424	137	182	368	82
acres on which used, 1982..	11 972	4 063	7 141	8 722	9 098	7 974	15 447	7 565
1978..	10 923	6 778	10 332	19 223	11 957	12 212	22 184	7 657
tons, 1982..	29 130	11 043	19 652	25 813	18 983	28 449	32 578	21 701
1978..	25 510	19 366	31 254	54 390	26 961	42 439	58 183	23 750
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	207	93	374	325	135	19	451	101
1978..	292	108	323	242	211	93	405	127
acres on which used, 1982..	36 801	18 616	24 556	31 704	24 587	3 703	80 028	25 857
1978..	62 890	22 776	38 305	27 510	51 835	14 607	76 390	31 093
Nematodes in crops ----- farms, 1982..	1	10	11	14	-	1	13	-
1978..	23	10	50	64	28	13	35	1
acres on which used, 1982..	(D)	170	608	1 082	-	(D)	2 371	-
1978..	1 678	2 550	4 589	10 148	4 815	1 740	9 081	(D)
Diseases in crops and orchards ----- farms, 1982..	6	15	11	22	17	31	31	11
1978..	7	5	43	35	11	17	16	24
acres on which used, 1982..	778	2 638	152	1 834	880	3 513	2 128	1 458
1978..	900	253	2 298	4 363	690	1 225	6 170	9 780
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	751	274	869	904	648	373	943	183
1978..	623	253	650	784	522	329	871	230
acres on which used, 1982..	251 736	64 928	137 000	167 960	221 079	107 527	202 517	116 048
1978..	193 227	57 896	96 278	143 238	180 111	72 241	168 476	89 259
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	52	2	60	56	10	13	1	24
1978..	25	7	38	30	11	10	7	1
acres on which used, 1982..	8 282	(D)	1 722	2 621	856	1 947	(D)	2 795
1978..	2 958	822	2 062	5 090	1 163	55	219	(D)

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—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, 1982..	681	524	541	1 165	89	456	1 441	1 641
1978..	676	557	492	1 073	98	413	1 296	1 537
acres on which used, 1982..	136 701	132 881	115 354	183 087	4 065	109 042	292 440	418 633
1978..	139 870	136 882	90 734	163 913	8 214	101 132	263 847	389 106
Cropland fertilized, except pastureland ----- farms, 1982..	676	524	528	1 136	55	456	1 417	1 622
1978..	675	557	492	1 072	98	413	1 291	1 537
acres on which used, 1982..	133 688	132 361	114 217	179 824	3 167	106 486	291 321	417 274
1978..	135 226	136 495	88 307	159 576	8 046	98 457	260 908	387 026
Pastureland and rangeland fertilized ----- farms, 1982..	70	28	34	101	42	38	40	71
1978..	95	10	29	125	9	53	97	86
acres on which used, 1982..	3 013	520	1 137	3 263	898	2 556	1 119	1 359
1978..	4 644	387	2 427	4 337	168	2 675	2 939	2 080
Lime ----- farms, 1982..	143	72	216	303	58	71	375	338
1978..	236	71	221	331	42	104	336	511
acres on which used, 1982..	6 348	7 500	14 326	15 133	715	5 834	23 774	21 168
1978..	9 077	6 546	13 423	18 808	1 332	9 391	20 337	39 672
tons, 1982..	18 793	17 885	43 870	52 207	2 185	15 003	59 259	49 586
1978..	24 234	13 384	45 985	55 449	3 268	25 765	49 066	89 854
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	381	201	120	535	19	340	1 099	497
1978..	424	221	164	709	23	221	718	612
acres on which used, 1982..	63 832	39 644	31 455	84 547	513	72 643	194 560	85 241
1978..	70 647	56 631	15 155	86 128	615	51 181	133 799	146 775
Nematodes in crops ----- farms, 1982..	31	10	7	-	-	20	102	39
1978..	27	34	1	36	-	33	125	60
acres on which used, 1982..	4 544	(D)	371	-	-	1 786	21 024	5 179
1978..	3 364	11 704	(D)	4 710	-	6 301	14 869	10 526
Diseases in crops and orchards ----- farms, 1982..	2	-	7	21	-	8	20	25
1978..	16	12	-	35	-	10	22	41
acres on which used, 1982..	(D)	-	301	834	-	1 955	8 181	3 719
1978..	896	1 040	-	4 336	-	1 299	912	6 446
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	576	449	432	1 091	20	358	1 230	1 470
1978..	569	411	375	1 006	54	363	1 038	1 273
acres on which used, 1982..	151 670	135 916	109 700	224 207	2 745	99 689	277 647	510 167
1978..	133 307	118 816	88 631	202 211	7 671	92 672	233 953	406 703
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	38	22	8	56	-	1	64	40
1978..	9	5	31	5	-	1	13	21
acres on which used, 1982..	10 142	6 963	2 580	9 712	-	(D)	2 728	4 664
1978..	156	2 488	735	495	-	(D)	480	1 234
Chemicals used	Jackson	Jasper	Jefferson	Jersey	Jo Daviess	Johnson	Kane	Kankakee
Commercial fertilizer ----- farms, 1982..	521	811	857	545	816	334	687	972
1978..	453	773	750	492	798	245	651	935
acres on which used, 1982..	88 813	173 791	137 257	94 547	116 342	30 887	166 116	260 891
1978..	71 473	152 041	117 161	79 531	100 373	27 649	150 703	240 932
Cropland fertilized, except pastureland ----- farms, 1982..	514	804	805	545	811	285	679	963
1978..	447	773	744	481	793	234	646	926
acres on which used, 1982..	86 268	172 576	131 927	91 143	111 417	27 492	165 713	260 541
1978..	68 223	150 316	111 184	76 205	95 642	22 762	149 583	239 234
Pastureland and rangeland fertilized ----- farms, 1982..	66	57	129	66	115	76	19	20
1978..	79	60	127	57	111	68	23	50
acres on which used, 1982..	2 545	1 215	5 330	3 404	4 925	3 395	403	350
1978..	3 250	1 725	5 977	3 326	4 731	4 887	1 120	1 698
Lime ----- farms, 1982..	160	294	323	150	181	95	75	207
1978..	172	278	308	169	140	86	56	205
acres on which used, 1982..	6 054	13 742	18 592	8 885	12 277	1 948	3 857	18 929
1978..	11 311	10 325	9 770	5 221	6 206	2 100	3 248	22 189
tons, 1982..	21 612	44 755	61 718	28 782	31 770	7 691	10 300	40 936
1978..	40 010	30 658	29 301	15 620	16 207	8 176	9 003	51 870
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	149	288	198	252	574	106	424	447
1978..	127	229	213	199	474	41	285	406
acres on which used, 1982..	17 277	45 579	18 776	41 137	65 461	9 914	69 687	74 445
1978..	17 035	34 139	22 540	30 485	56 992	3 162	63 249	93 171
Nematodes in crops ----- farms, 1982..	-	22	7	27	63	-	17	54
1978..	6	28	49	10	48	21	48	29
acres on which used, 1982..	-	2 300	730	1 282	7 071	-	3 041	11 840
1978..	200	2 778	2 074	853	4 664	336	5 771	3 270
Diseases in crops and orchards ----- farms, 1982..	49	31	13	20	41	26	22	62
1978..	22	5	17	36	12	2	36	32
acres on which used, 1982..	3 179	5 554	922	1 298	7 461	3 550	1 459	6 368
1978..	1 070	380	1 171	2 849	1 823	(D)	8 141	8 152
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	462	636	747	357	603	179	565	871
1978..	391	647	495	393	534	194	532	710
acres on which used, 1982..	93 275	170 223	132 225	73 051	69 221	25 219	148 434	271 560
1978..	72 361	135 340	86 774	79 186	59 111	25 474	131 235	222 316
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	37	51	49	18	3	25	2	22
1978..	12	25	32	27	18	1	14	-
acres on which used, 1982..	2 413	4 457	9 481	1 773	164	3 505	(D)	2 511
1978..	730	1 359	1 898	1 498	2 309	(D)	1 883	-

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

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

Chemicals used	Kendall	Knox	Lake	La Salle	Lawrence	Lee	Livingston	Logan
Commercial fertilizer ----- farms, 1982..	500	937	281	1 790	377	1 077	1 634	865
1978..	455	938	273	1 669	335	1 062	1 495	841
acres on which used, 1982..	116 234	204 707	58 274	386 903	116 133	283 349	360 659	200 794
1978..	92 602	208 557	54 926	341 204	91 688	262 156	326 727	185 601
Cropland fertilized, except pastureland ----- farms, 1982..	485	912	260	1 789	372	1 077	1 634	865
1978..	455	938	273	1 669	335	1 062	1 495	841
acres on which used, 1982..	115 821	202 076	58 028	386 680	115 369	282 529	360 571	200 021
1978..	92 412	204 684	54 434	340 614	89 561	260 914	325 935	184 930
Pastureland and rangeland fertilized ----- farms, 1982..	24	70	23	10	27	24	8	32
1978..	8	103	20	35	34	37	40	26
acres on which used, 1982..	413	2 631	246	223	764	820	88	773
1978..	190	3 873	492	590	2 127	1 242	792	671
Lime ----- farms, 1982..	100	183	14	358	156	167	299	193
1978..	68	304	5	341	133	156	297	245
acres on which used, 1982..	9 280	16 457	204	26 181	10 541	12 954	19 351	11 557
1978..	7 248	19 608	25	30 329	6 232	9 143	20 504	14 990
tons, 1982..	25 568	37 104	(D)	61 128	25 222	29 559	41 531	23 816
1978..	17 900	48 581	100	64 272	16 280	23 513	51 181	32 604
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	276	679	124	830	100	791	466	474
1978..	207	545	149	839	123	570	539	386
acres on which used, 1982..	49 031	138 271	19 976	156 898	29 232	181 350	62 736	99 440
1978..	40 964	115 246	27 898	164 831	29 220	158 019	122 647	99 212
Nematodes in crops ----- farms, 1982..	31	56	2	57	14	76	15	50
1978..	31	84	6	98	-	45	52	14
acres on which used, 1982..	1 991	12 097	(D)	16 388	2 438	12 375	1 175	11 902
1978..	2 670	17 763	350	20 528	-	7 509	7 384	2 242
Diseases in crops and orchards ----- farms, 1982..	30	33	27	15	3	53	7	6
1978..	9	35	18	60	14	14	50	16
acres on which used, 1982..	4 282	455	786	3 416	(D)	11 539	1 819	4 458
1978..	1 517	3 395	3 719	9 897	1 094	1 370	5 884	1 005
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	393	770	179	1 535	299	902	1 490	719
1978..	367	737	179	1 306	316	868	1 251	694
acres on which used, 1982..	114 679	193 900	46 673	428 405	111 972	307 673	466 761	226 914
1978..	90 462	179 474	35 763	345 237	89 245	227 173	376 466	203 992
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	5	9	7	8	44	35	16	7
1978..	2	15	-	38	14	13	17	15
acres on which used, 1982..	10	(D)	3 905	3 660	13 304	1 791	2 205	2 049
1978..	(D)	1 637	-	8 386	269	661	907	309

Chemicals used	McDonough	McHenry	McLean	Macon	Macoupin	Madison	Marion	Marshall
Commercial fertilizer ----- farms, 1982..	839	800	1 793	750	1 252	1 304	845	537
1978..	842	826	1 666	690	1 148	1 029	816	494
acres on which used, 1982..	171 073	174 597	433 411	173 984	231 576	195 612	160 224	112 689
1978..	157 013	163 895	408 446	165 859	197 590	155 118	122 242	114 164
Cropland fertilized, except pastureland ----- farms, 1982..	832	800	1 793	750	1 232	1 281	813	531
1978..	837	819	1 665	686	1 148	1 023	795	490
acres on which used, 1982..	168 871	174 510	432 556	173 528	227 140	194 362	157 903	111 114
1978..	152 081	162 318	406 818	165 349	192 087	153 461	120 450	112 654
Pastureland and rangeland fertilized ----- farms, 1982..	48	6	60	19	105	93	118	25
1978..	112	43	32	28	115	74	104	38
acres on which used, 1982..	2 202	87	855	456	4 436	1 250	2 321	1 575
1978..	4 932	1 577	1 628	510	5 503	1 657	1 792	1 510
Lime ----- farms, 1982..	171	123	297	190	374	442	330	153
1978..	324	124	591	158	387	361	281	155
acres on which used, 1982..	10 207	10 951	28 386	15 034	17 437	15 101	12 958	12 510
1978..	22 770	10 024	51 212	9 865	21 325	14 049	13 174	13 856
tons, 1982..	23 848	23 554	57 751	31 997	44 762	37 052	38 892	25 705
1978..	59 889	21 527	109 180	24 745	57 744	38 118	33 516	31 977
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	421	409	799	299	623	468	144	289
1978..	458	436	734	312	451	368	165	314
acres on which used, 1982..	72 276	87 394	170 684	62 863	101 301	50 878	29 698	56 924
1978..	80 561	80 210	175 190	56 828	82 490	39 573	17 858	65 318
Nematodes in crops ----- farms, 1982..	46	100	51	-	39	21	2	22
1978..	34	41	53	53	52	32	2	52
acres on which used, 1982..	4 379	10 815	8 988	-	10 310	382	(D)	3 983
1978..	7 099	8 862	7 665	8 062	5 032	3 966	(D)	7 426
Diseases in crops and orchards ----- farms, 1982..	31	42	27	34	33	69	42	8
1978..	15	63	34	45	43	78	62	33
acres on which used, 1982..	7 413	4 078	6 912	11 474	1 604	6 667	4 330	1 222
1978..	3 180	5 036	7 826	4 942	2 869	2 359	3 142	3 501
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	714	655	1 578	636	1 091	1 049	758	443
1978..	683	591	1 442	602	921	864	664	411
acres on which used, 1982..	185 693	139 240	544 687	249 994	239 363	168 680	154 199	121 783
1978..	162 588	111 486	460 532	219 842	199 315	144 270	117 665	117 240
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	14	32	14	7	53	51	26	17
1978..	23	19	15	4	29	45	12	6
acres on which used, 1982..	1 566	1 650	10 160	1 832	9 998	3 740	1 271	2 306
1978..	2 370	2 075	1 694	224	2 478	2 401	627	195

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—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	Moutrie	
Commercial fertilizer ----- farms, 1982..	558	311	403	810	534	1 114	859	443	
	1978..	538	356	318	728	513	970	438	
	acres on which used, 1982..	156 750	48 918	91 213	188 273	111 592	196 091	162 660	86 091
	1978..	157 123	43 815	90 430	166 092	94 685	168 735	146 064	94 223
Cropland fertilized, except pastureland ----- farms, 1982..	558	311	397	801	520	1 098	828	435	
	1978..	538	349	312	718	513	966	438	
	acres on which used, 1982..	155 313	46 879	89 993	185 639	108 829	193 403	158 194	85 855
	1978..	154 855	39 856	89 480	159 517	93 278	166 700	144 240	93 880
Pastureland and rangeland fertilized ----- farms, 1982..	32	50	33	47	99	98	118	16	
	1978..	60	78	28	82	61	55	13	
	acres on which used, 1982..	1 437	2 039	1 220	2 634	2 763	2 688	4 466	236
	1978..	2 268	3 959	950	6 575	1 407	2 035	1 824	343
Lime ----- farms, 1982..	93	85	112	123	178	302	184	76	
	1978..	128	117	128	171	189	335	205	
	acres on which used, 1982..	7 993	3 342	5 666	12 168	6 184	16 256	10 581	4 948
	1978..	8 714	6 244	7 289	15 193	8 455	14 840	10 669	5 070
Sprays, dusts, granules, fumigants, etc., to control—									
	Insects on hay and other crops ----- farms, 1982..	263	52	135	589	217	373	398	88
	1978..	256	62	213	415	182	442	470	180
	acres on which used, 1982..	48 781	6 880	27 009	127 402	15 667	55 837	66 349	13 059
Nematodes in crops ----- farms, 1982..	57	7	11	97	7	34	7	12	
	1978..	29	1	5	72	36	15	30	
	acres on which used, 1982..	6 757	1 156	1 107	20 891	514	5 889	770	366
	1978..	4 874	(D)	1 620	9 259	3 716	1 940	3 756	2 835
Diseases in crops and orchards ----- farms, 1982..	20	8	1	54	16	14	20	10	
	1978..	27	10	17	33	21	59	73	
	acres on which used, 1982..	1 294	240	(D)	5 891	1 989	4 304	1 152	(D)
	1978..	2 816	2 477	4 930	2 683	2 001	3 543	6 530	60
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	486	251	395	671	450	922	694	467	
	1978..	432	249	234	573	421	804	620	
	acres on which used, 1982..	176 750	41 258	121 905	174 215	88 590	206 498	205 206	142 370
	1978..	150 565	34 364	97 930	121 548	80 151	181 649	154 164	105 834
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	41	7	22	8	20	51	32	26	
	1978..	1	19	9	23	11	4	22	
	acres on which used, 1982..	3 096	1 001	1 358	205	981	11 165	2 441	3 239
	1978..	(D)	1 268	124	3 890	1 915	148	2 395	600

Chemicals used	County								
	Ogle	Peoria	Perry	Piatt	Pike	Pope	Pulaski	Putnam	
Commercial fertilizer ----- farms, 1982..	1 096	830	505	536	918	198	156	213	
	1978..	1 074	769	467	618	944	201	196	
	acres on which used, 1982..	286 201	150 230	102 612	145 581	189 497	25 302	36 695	49 263
	1978..	260 693	140 522	73 653	161 145	163 604	18 623	29 570	43 898
Cropland fertilized, except pastureland ----- farms, 1982..	1 095	830	485	536	895	168	142	213	
	1978..	1 073	769	456	618	932	201	181	
	acres on which used, 1982..	282 042	149 072	97 948	144 980	179 769	23 541	35 066	49 263
	1978..	257 352	138 657	71 075	159 858	153 081	17 008	27 321	43 824
Pastureland and rangeland fertilized ----- farms, 1982..	92	25	122	6	204	52	24	-	
	1978..	63	64	67	27	208	38	34	
	acres on which used, 1982..	4 159	1 158	4 664	601	9 728	1 761	1 629	
	1978..	3 341	1 865	2 578	1 287	10 523	1 615	2 249	
Lime ----- farms, 1982..	241	205	180	139	224	38	65	64	
	1978..	153	245	202	179	296	56	83	
	acres on which used, 1982..	13 778	12 998	6 522	12 218	11 067	751	4 922	
	1978..	11 336	18 854	7 655	11 319	17 175	1 275	6 796	
Sprays, dusts, granules, fumigants, etc., to control—									
	Insects on hay and other crops ----- farms, 1982..	812	424	107	183	355	15	11	
	1978..	655	474	121	301	484	48	60	
	acres on which used, 1982..	199 351	79 119	5 895	45 593	62 496	5 903	2 807	
Nematodes in crops ----- farms, 1982..	63	39	2	8	17	-	11	1	
	1978..	70	25	46	6	67	13	12	
	acres on which used, 1982..	10 622	10 213	(D)	75	3 664	-	320	
	1978..	6 768	3 141	3 500	2 112	5 669	1 072	(D)	
Diseases in crops and orchards ----- farms, 1982..	51	21	8	14	22	-	3	9	
	1978..	8	23	-	9	35	8	18	
	acres on which used, 1982..	4 070	3 862	400	3 550	6 617	-	2 202	
	1978..	1 175	2 568	-	1 796	7 172	112	30	
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	888	745	431	527	702	133	145	191	
	1978..	781	576	350	484	780	102	182	
	acres on which used, 1982..	229 041	159 048	96 556	227 403	174 386	22 385	47 338	
	1978..	192 593	130 004	70 573	189 904	131 697	15 950	41 929	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	52	29	16	22	56	-	1	-	
	1978..	10	7	7	1	8	7	6	
	acres on which used, 1982..	1 338	979	1 057	439	8 657	-	(D)	
	1978..	1 750	963	426	(D)	150	-	795	

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

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

Chemicals used	Randolph	Richland	Rock Island	St. Clair	Saline	Sangamon	Schuyler	Scott
	Commercial fertilizer ----- farms, 1982..	838	553	594	977	356	1 023	503
1978..	678	514	584	924	371	963	487	279
acres on which used, 1982..	134 046	121 197	100 884	169 836	95 260	230 528	77 716	62 391
1978..	85 843	89 713	91 978	156 803	75 026	232 188	73 502	63 406
Cropland fertilized, except pastureland ----- farms, 1982..	801	539	585	969	340	1 006	503	311
1978..	663	514	579	924	367	963	487	279
acres on which used, 1982..	131 205	117 043	100 189	167 790	91 815	228 392	76 274	61 384
1978..	82 546	88 531	91 088	156 375	72 609	230 688	71 002	62 209
Pastureland and rangeland fertilized ----- farms, 1982..	100	84	22	60	41	44	55	29
1978..	117	46	29	29	67	38	76	31
acres on which used, 1982..	2 841	4 154	695	2 046	3 445	2 136	1 442	1 007
1978..	3 297	1 182	890	428	2 417	1 500	2 500	1 197
Lime ----- farms, 1982..	217	195	78	250	81	255	117	108
1978..	310	218	99	266	124	301	169	97
acres on which used, 1982..	5 706	10 411	5 725	9 344	4 911	19 805	3 983	4 423
1978..	7 996	7 473	5 868	10 032	6 415	24 976	7 361	5 779
tons, 1982..	17 725	26 773	14 407	27 544	14 892	40 956	9 909	9 973
1978..	27 161	20 372	14 967	28 837	18 198	65 700	18 046	9 647
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	255	142	377	398	100	456	143	164
1978..	289	133	351	408	69	551	255	125
acres on which used, 1982..	18 161	22 385	64 712	41 470	10 018	100 215	24 069	18 598
1978..	21 354	14 065	56 188	50 153	12 206	113 297	36 252	32 969
Nematodes in crops ----- farms, 1982..	8	4	38	34	-	15	40	2
1978..	12	9	25	50	5	25	54	27
acres on which used, 1982..	160	140	7 487	1 185	-	973	3 736	(D)
1978..	1 230	590	3 641	4 254	975	4 190	6 025	4 432
Diseases in crops and orchards ----- farms, 1982..	44	2	50	33	-	24	8	3
1978..	68	2	37	54	1	44	1	7
acres on which used, 1982..	2 844	(D)	849	2 377	-	5 586	(D)	(D)
1978..	4 592	(D)	1 512	4 833	(D)	4 126	(D)	1 379
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	718	485	518	905	290	842	456	312
1978..	590	403	383	664	268	864	403	234
acres on which used, 1982..	122 408	141 103	98 117	156 121	88 843	321 004	88 489	78 749
1978..	75 348	81 637	66 835	122 432	62 838	279 963	85 209	56 026
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	44	15	34	35	17	19	29	2
1978..	31	5	5	5	-	6	12	11
acres on which used, 1982..	4 705	889	550	4 592	2 323	3 659	1 411	(D)
1978..	1 252	468	940	1 195	-	360	1 245	1 328
Chemicals used	Shelby	Stark	Stephenson	Tazewell	Union	Vermilion	Wabash	Warren
Commercial fertilizer ----- farms, 1982..	1 293	403	1 147	955	449	1 135	267	770
1978..	1 043	349	1 117	866	403	1 046	261	740
acres on which used, 1982..	218 308	120 017	214 647	217 739	48 586	266 302	78 890	185 733
1978..	182 811	108 529	189 952	200 184	45 473	261 460	65 386	163 913
Cropland fertilized, except pastureland ----- farms, 1982..	1 293	403	1 140	944	444	1 117	253	751
1978..	1 043	349	1 105	866	403	1 046	261	739
acres on which used, 1982..	215 039	119 023	212 664	216 175	46 070	265 891	77 686	182 330
1978..	180 258	108 250	188 170	197 549	40 569	260 139	64 698	160 886
Pastureland and rangeland fertilized ----- farms, 1982..	113	17	70	44	72	48	38	49
1978..	70	15	83	48	123	60	12	72
acres on which used, 1982..	3 269	994	1 983	1 564	2 516	411	1 204	3 403
1978..	2 553	279	1 782	2 635	4 904	1 321	688	3 027
Lime ----- farms, 1982..	390	201	283	213	98	225	105	128
1978..	360	150	282	293	201	297	80	274
acres on which used, 1982..	12 456	18 826	18 058	19 358	2 115	18 071	3 821	9 226
1978..	18 078	13 710	13 584	17 736	8 172	24 450	3 489	21 917
tons, 1982..	32 668	47 468	45 592	36 118	8 079	36 621	10 131	24 308
1978..	48 357	35 032	34 455	38 809	29 255	61 070	11 517	50 306
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	485	249	951	617	139	332	118	623
1978..	502	184	641	577	98	451	120	441
acres on which used, 1982..	60 254	77 833	154 664	117 925	9 228	75 173	24 126	130 979
1978..	73 019	60 505	85 584	116 543	8 662	95 388	23 529	93 288
Nematodes in crops ----- farms, 1982..	7	9	75	37	2	4	13	28
1978..	37	28	94	53	13	22	26	63
acres on which used, 1982..	490	1 168	10 697	7 463	(D)	(D)	1 133	4 910
1978..	3 257	8 541	16 522	6 021	1 592	4 843	5 909	11 610
Diseases in crops and orchards ----- farms, 1982..	43	1	26	14	38	27	23	23
1978..	48	-	55	50	59	37	26	13
acres on which used, 1982..	2 262	(D)	1 328	142	1 627	4 060	254	3 911
1978..	3 995	-	10 076	7 211	2 920	4 542	478	4 702
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	1 118	322	819	758	290	985	196	663
1978..	865	268	808	692	254	804	218	611
acres on which used, 1982..	265 871	113 273	140 965	213 177	40 691	367 401	85 813	175 369
1978..	194 385	81 605	104 053	194 328	42 349	282 731	64 590	142 362
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	25	2	28	7	6	26	20	8
1978..	34	2	13	4	2	11	13	15
acres on which used, 1982..	1 269	(D)	3 215	2 604	585	2 331	4 235	88
1978..	2 198	(D)	2 014	853	(D)	546	2 084	5 134

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—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	Winneshago	Woodford
Commercial fertilizer ----- farms, 1982..	906	966	546	1 081	1 024	352	713	908
1978..	779	943	589	1 120	920	379	747	845
acres on which used, 1982..	186 767	207 558	172 808	254 729	216 570	33 462	140 027	160 761
1978..	154 728	178 900	153 394	232 848	196 407	33 992	117 434	162 833
Cropland fertilized, except pastureland ----- farms, 1982..	906	927	546	1 081	989	329	691	902
1978..	778	921	588	1 115	916	373	732	845
acres on which used, 1982..	185 398	204 318	168 757	254 064	215 755	32 913	138 055	159 645
1978..	152 402	170 360	149 262	229 090	195 746	30 302	116 016	161 683
Pastureland and rangeland fertilized ----- farms, 1982..	58	112	100	25	49	41	73	30
1978..	87	189	65	84	46	98	38	33
acres on which used, 1982..	1 369	3 240	4 051	665	815	549	1 972	1 116
1978..	2 326	8 540	4 132	3 758	661	3 690	1 418	1 150
Lime ----- farms, 1982..	372	333	160	185	202	78	159	219
1978..	385	457	231	214	219	175	139	212
acres on which used, 1982..	16 064	25 859	10 010	14 493	12 972	2 448	8 762	18 051
1978..	15 016	20 793	12 132	14 090	16 861	5 553	8 540	10 606
tons, 1982..	49 107	64 133	24 177	37 320	31 719	7 738	24 714	34 561
1978..	54 023	62 212	37 704	33 486	43 002	19 828	23 830	26 819
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	340	354	199	885	339	65	431	431
1978..	306	261	235	706	431	80	373	515
acres on which used, 1982..	35 972	47 916	43 073	189 328	55 774	2 159	83 764	81 164
1978..	31 263	41 516	49 577	138 313	78 626	4 624	59 337	94 804
Nematodes in crops ----- farms, 1982..	39	28	8	86	47	18	69	51
1978..	32	8	39	87	27	3	65	37
acres on which used, 1982..	6 116	2 677	2 422	15 590	11 111	636	11 540	10 246
1978..	4 176	1 085	1 507	11 100	3 985	330	4 002	6 008
Diseases in crops and orchards ----- farms, 1982..	8	26	25	14	23	25	40	44
1978..	24	20	22	25	17	11	56	7
acres on which used, 1982..	1 116	2 257	1 083	3 308	7 869	295	1 106	12 903
1978..	3 805	3 386	1 078	3 286	2 194	16	6 786	970
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	773	774	423	896	778	262	558	747
1978..	704	707	444	825	749	290	477	609
acres on which used, 1982..	161 293	185 574	147 833	235 837	208 604	39 954	119 160	182 017
1978..	145 858	156 561	118 650	199 085	195 530	33 410	87 410	156 667
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	54	28	8	15	9	21	26	26
1978..	56	42	42	27	3	6	14	5
acres on which used, 1982..	4 265	2 197	435	915	1 019	1 133	1 903	1 934
1978..	5 195	3 500	2 130	1 225	336	120	270	1 500