

**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	County							
	Wisconsin	Adams	Ashland	Barron	Bayfield	Brown	Buffalo	
Commercial fertilizer ----- farms, 1987..	58 252	316	97	1 287	138	885	847	
	1982..	345	120	1 393	158	832	864	
	acres on which used, 1987..	6 742 276	55 279	6 531	156 018	6 584	109 167	96 920
	1982..	6 744 454	51 008	5 031	145 022	7 330	101 344	98 109
Cropland fertilized, except pastureland ----- farms, 1987..	57 831	313	97	1 280	138	875	847	
	1982..	345	120	1 392	157	832	847	
	acres on which used, 1987..	6 621 637	55 125	5 894	154 949	(D)	108 752	94 030
	1982..	6 648 487	50 668	(D)	142 509	(D)	101 164	95 594
Pastureland and rangeland fertilized ----- farms, 1987..	3 772	6	14	55	1	18	72	
	1982..	3 648	3	2	119	15	84	
	acres on which used, 1987..	120 639	154	637	1 069	(D)	415	2 890
	1982..	95 967	340	(D)	2 513	(D)	180	2 515
Lime ----- farms, 1987..	16 152	135	1	661	30	105	441	
	1982..	12 803	98	21	556	33	257	
	acres on which used, 1987..	600 683	8 923	(D)	19 169	811	4 277	13 381
	1982..	411 681	4 645	161	15 353	564	5 325	7 390
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987..	1 390 550	15 302	(D)	43 332	1 829	7 820	30 249
	1982..	909 769	9 747	300	32 890	869	10 464	19 007
	Insects on hay and other crops ----- farms, 1987..	23 049	113	10	173	33	306	387
		1982..	23 334	105	2	208	10	342
acres on which used, 1987..		1 989 904	24 489	322	19 211	1 596	30 279	25 664
1982..		2 314 069	21 464	(D)	11 721	1 030	34 251	31 321
Nematodes in crops ----- farms, 1987..	3 119	37	2	18	1	41	26	
	1982..	3 414	12	6	21	39	47	
	acres on which used, 1987..	230 335	4 423	(D)	1 454	(D)	3 062	2 118
	1982..	305 430	5 683	60	1 155	(D)	3 437	3 532
Diseases in crops and orchards ----- farms, 1987..	3 319	49	-	39	19	45	21	
	1982..	3 245	38	-	45	8	50	
	acres on which used, 1987..	203 438	10 979	-	6 152	262	2 144	483
	1982..	210 416	10 558	-	4 212	59	1 819	3 429
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	42 924	271	65	1 059	62	681	665	
	1982..	42 937	204	29	1 032	75	663	
	acres on which used, 1987..	3 441 806	41 292	1 008	71 596	2 509	54 447	51 529
	1982..	3 864 512	26 648	773	69 504	2 675	57 322	52 199
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	1 590	29	-	36	2	5	24	
	1982..	1 468	23	-	46	2	17	
	acres on which used, 1987..	109 685	7 486	-	2 439	(D)	733	695
	1982..	113 456	7 490	-	3 349	(D)	413	1 458

  

Chemicals used	County							
	Burnett	Calumet	Chippewa	Clark	Columbia	Crawford	Dane	
Commercial fertilizer ----- farms, 1987..	287	714	1 280	1 796	1 244	837	2 270	
	1982..	343	702	1 362	1 840	852	2 552	
	acres on which used, 1987..	29 790	78 228	147 401	180 698	171 731	51 220	298 545
	1982..	24 709	70 830	141 200	162 862	191 033	39 269	322 219
Cropland fertilized, except pastureland ----- farms, 1987..	278	714	1 276	1 778	1 237	837	2 259	
	1982..	343	701	1 352	1 824	1 264	825	2 520
	acres on which used, 1987..	27 042	(D)	144 293	177 184	170 361	50 921	297 023
	1982..	23 857	70 724	139 315	160 115	189 598	37 949	320 594
Pastureland and rangeland fertilized ----- farms, 1987..	41	2	97	182	53	16	83	
	1982..	18	8	76	108	47	70	
	acres on which used, 1987..	2 748	(D)	3 108	3 514	1 370	299	1 522
	1982..	852	106	1 885	2 747	1 435	1 320	1 625
Lime ----- farms, 1987..	91	44	615	553	364	229	651	
	1982..	33	36	543	425	415	116	439
	acres on which used, 1987..	1 719	1 227	21 600	14 190	16 459	6 447	27 452
	1982..	1 102	1 057	17 296	9 885	12 620	3 330	21 089
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987..	4 565	1 990	49 752	32 202	38 063	16 087	74 489
	1982..	3 175	1 093	35 524	25 362	28 121	9 009	51 902
	Insects on hay and other crops ----- farms, 1987..	39	316	185	274	699	340	1 668
		1982..	30	283	182	236	617	293
acres on which used, 1987..		2 066	24 536	13 375	13 124	75 345	14 622	159 513
1982..		991	22 344	18 139	15 175	92 418	16 638	185 501
Nematodes in crops ----- farms, 1987..	-	40	51	15	81	48	277	
	1982..	-	28	32	49	123	67	248
	acres on which used, 1987..	-	2 930	4 668	1 344	4 854	2 817	20 649
	1982..	-	3 753	2 277	4 309	19 353	2 292	29 782
Diseases in crops and orchards ----- farms, 1987..	13	20	46	28	84	17	94	
	1982..	-	48	44	29	78	22	233
	acres on which used, 1987..	223	835	3 107	880	3 589	1 373	5 175
	1982..	-	1 045	1 452	1 131	4 750	1 481	11 482
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	216	499	990	1 361	937	525	1 520	
	1982..	299	532	886	1 288	1 031	559	1 790
	acres on which used, 1987..	13 033	32 960	70 965	70 513	105 461	23 285	159 802
	1982..	18 370	37 917	66 473	69 518	138 852	27 879	194 861
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	2	11	4	35	14	20	93	
	1982..	-	14	(D)	51	35	36	83
	acres on which used, 1987..	(D)	268	(D)	1 792	1 514	1 647	1 245
	1982..	-	821	1 013	2 601	1 271	2 788	3 675

**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						
	Dodge	Door	Douglas	Dunn	Eau Claire	Florence	Fond du Lac
Commercial fertilizer ----- farms, 1987..	1 818	731	116	1 213	767	45	1 417
1982..	1 890	766	70	1 315	775	50	1 529
acres on which used, 1987..	235 402	64 465	4 994	149 911	74 619	3 419	207 854
1982..	242 799	56 467	2 763	171 935	70 220	2 938	221 547
Cropland fertilized, except pastureland ----- farms, 1987..	1 816	725	116	1 206	766	45	1 416
1982..	1 879	766	63	1 303	770	50	1 521
acres on which used, 1987..	234 584	63 953	(D)	147 898	73 608	(D)	207 681
1982..	242 429	56 159	2 497	169 435	69 366	(D)	220 794
Pastureland and rangeland fertilized ----- farms, 1987..	41	40	1	54	41	2	15
1982..	33	32	14	94	50	2	60
acres on which used, 1987..	818	512	(D)	2 013	1 011	(D)	173
1982..	370	308	266	2 500	854	(D)	753
Lime ----- farms, 1987..	199	26	9	543	361	4	101
1982..	206	1	1	402	277	13	97
acres on which used, 1987..	7 600	1 170	(D)	27 867	11 152	329	4 972
1982..	7 873	(D)	(D)	14 096	6 831	251	2 609
tons, 1987..	14 777	2 137	1 000	57 748	25 912	534	9 573
1982..	12 695	(D)	(D)	32 764	14 391	555	4 086
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987..	1 125	245	18	302	95	5	853
1982..	1 091	257	12	319	132	6	655
acres on which used, 1987..	104 982	8 604	722	28 345	8 352	(D)	71 478
1982..	114 029	9 706	514	36 764	12 170	693	85 044
Nematodes in crops ----- farms, 1987..	158	2	-	34	11	-	119
1982..	163	13	-	19	32	2	101
acres on which used, 1987..	12 494	(D)	-	4 153	501	-	9 992
1982..	12 289	1 027	-	1 727	1 648	(D)	8 340
Diseases in crops and orchards ----- farms, 1987..	69	225	8	54	5	6	47
1982..	70	222	2	24	21	4	61
acres on which used, 1987..	2 678	4 875	140	2 977	110	136	4 050
1982..	5 644	6 898	(D)	4 816	557	204	6 681
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	1 361	483	15	900	615	27	1 121
1982..	1 485	465	21	934	566	21	1 105
acres on which used, 1987..	133 905	30 132	938	76 463	39 239	889	115 413
1982..	156 446	26 540	320	94 984	38 924	744	128 754
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	45	35	-	47	23	1	10
1982..	18	41	10	26	38	1	37
acres on which used, 1987..	1 183	524	-	1 449	4 494	(D)	592
1982..	2 806	627	100	662	748	(D)	3 563

  

Chemicals used	County						
	Forest	Grant	Green	Green Lake	Iowa	Iron	Jackson
Commercial fertilizer ----- farms, 1987..	68	2 007	1 222	644	1 061	30	620
1982..	50	2 077	1 245	584	1 048	32	651
acres on which used, 1987..	3 467	237 614	159 653	92 281	145 501	2 207	67 511
1982..	3 361	243 808	142 510	92 780	145 493	1 699	67 452
Cropland fertilized, except pastureland ----- farms, 1987..	68	1 977	1 203	644	1 034	30	620
1982..	50	2 059	1 238	582	1 042	32	651
acres on which used, 1987..	3 411	221 082	155 113	91 747	133 057	2 161	66 434
1982..	(D)	231 194	140 781	92 235	138 541	1 590	66 446
Pastureland and rangeland fertilized ----- farms, 1987..	6	390	161	26	238	3	51
1982..	2	306	57	16	155	3	53
acres on which used, 1987..	56	16 532	4 540	534	12 444	46	1 077
1982..	(D)	12 614	1 729	545	6 952	109	1 006
Lime ----- farms, 1987..	27	514	313	155	325	5	256
1982..	16	436	260	55	235	8	240
acres on which used, 1987..	762	24 670	15 204	12 635	17 301	25	9 669
1982..	271	19 335	8 311	1 553	15 000	116	10 661
tons, 1987..	1 405	71 872	45 425	36 804	49 665	56	20 687
1982..	445	53 938	23 868	3 575	33 223	208	22 855
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1987..	9	1 283	777	297	728	8	196
1982..	2	1 260	799	270	721	5	194
acres on which used, 1987..	603	98 552	61 944	38 035	59 741	(D)	11 988
1982..	(D)	109 127	73 839	36 187	65 667	(D)	10 154
Nematodes in crops ----- farms, 1987..	-	171	111	38	70	-	34
1982..	-	209	110	96	83	-	32
acres on which used, 1987..	-	11 571	7 278	4 668	5 295	-	2 449
1982..	-	19 079	8 946	10 151	6 712	-	764
Diseases in crops and orchards ----- farms, 1987..	3	46	32	16	35	3	33
1982..	1	40	28	40	61	4	23
acres on which used, 1987..	(D)	3 757	1 130	3 211	2 771	186	1 448
1982..	(D)	2 749	1 814	1 989	3 094	395	1 123
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	36	1 443	906	474	791	13	474
1982..	17	1 448	916	411	760	4	471
acres on which used, 1987..	1 395	99 084	73 512	58 011	72 426	800	36 227
1982..	833	128 302	75 192	58 710	85 147	157	40 656
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	5	33	30	20	15	2	18
1982..	1	74	18	3	34	1	8
acres on which used, 1987..	283	1 316	2 035	514	644	(D)	1 491
1982..	(D)	5 151	2 038	357	3 670	(D)	103

**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	Jefferson	Juneau	Kenosha	Kewaunee	La Crosse	Lafayette	Langlade
Commercial fertilizer ----- farms, 1987--	1 057	624	356	798	685	1 133	377
1982--	1 290	648	443	783	695	1 152	353
acres on which used, 1987--	128 310	62 548	65 013	93 391	54 739	177 999	49 688
1982--	141 713	66 812	65 708	86 232	59 211	183 152	38 651
Cropland fertilized, except pastureland ----- farms, 1987--	1 057	618	349	787	685	1 117	374
1982--	1 290	634	437	782	689	1 138	345
acres on which used, 1987--	128 032	61 838	64 506	93 029	53 670	164 004	48 801
1982--	141 285	66 089	65 623	86 068	58 105	176 113	38 137
Pastureland and rangeland fertilized ----- farms, 1987--	21	36	25	46	43	254	36
1982--	35	59	15	8	52	172	30
acres on which used, 1987--	278	710	507	362	1 069	13 995	887
1982--	428	723	85	164	1 106	7 039	514
Lime ----- farms, 1987--	127	238	59	37	250	318	176
1982--	110	196	70	35	226	200	118
acres on which used, 1987--	3 680	11 370	1 518	999	5 946	19 723	6 330
1982--	4 036	5 004	2 362	925	6 013	9 517	3 808
tons, 1987--	6 519	23 576	3 974	1 757	13 516	59 915	10 016
1982--	6 482	12 247	4 508	762	14 025	31 408	6 437
Sprays, dusts, granules, fumigants, etc., to control--							
Insects on hay and other crops ----- farms, 1987--	643	216	205	233	261	781	114
1982--	692	188	196	340	255	777	82
acres on which used, 1987--	61 307	17 444	20 515	13 568	16 159	85 634	13 670
1982--	69 173	25 946	20 472	23 757	17 676	102 027	11 755
Nematodes in crops ----- farms, 1987--	110	28	17	37	37	119	11
1982--	163	35	20	41	41	101	4
acres on which used, 1987--	10 088	1 545	906	2 737	2 182	14 483	306
1982--	9 491	4 195	1 482	4 220	1 944	13 483	849
Diseases in crops and orchards ----- farms, 1987--	63	28	20	30	9	17	75
1982--	36	13	14	106	8	44	55
acres on which used, 1987--	5 753	6 570	656	233	244	3 885	10 525
1982--	4 296	5 706	1 069	3 686	276	3 148	8 716
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	844	482	301	736	485	826	306
1982--	947	472	339	641	510	828	235
acres on which used, 1987--	82 738	41 903	43 570	43 416	28 014	96 919	28 795
1982--	99 597	43 745	54 438	43 656	33 297	109 982	18 150
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	28	28	2	14	31	48	50
1982--	15	4	2	6	2	7	28
acres on which used, 1987--	1 618	3 428	(D)	318	1 358	2 454	9 337
1982--	2 321	3 068	(D)	445	(D)	848	5 751
Chemicals used	Lincoln	Manitowoc	Marathon	Marinette	Marquette	Menominee	Milwaukee
Commercial fertilizer ----- farms, 1987--	343	1 120	2 348	554	392	-	76
1982--	368	1 179	2 397	649	425	2	93
acres on which used, 1987--	23 070	145 026	208 848	64 334	52 834	-	3 975
1982--	20 185	129 623	200 800	57 006	57 517	(D)	6 320
Cropland fertilized, except pastureland ----- farms, 1987--	337	1 110	2 345	554	385	-	76
1982--	343	1 174	2 382	644	411	2	93
acres on which used, 1987--	22 526	144 305	207 630	64 087	52 345	-	3 975
1982--	19 620	129 006	198 503	56 668	56 839	(D)	(D)
Pastureland and rangeland fertilized ----- farms, 1987--	32	47	74	17	25	-	-
1982--	26	44	108	22	37	-	1
acres on which used, 1987--	544	721	1 218	247	489	-	-
1982--	565	617	2 297	338	678	-	(D)
Lime ----- farms, 1987--	64	82	854	101	189	-	4
1982--	105	73	737	101	75	-	1
acres on which used, 1987--	1 493	3 651	21 416	3 969	7 450	-	4
1982--	1 986	2 723	14 054	2 340	4 289	-	(D)
tons, 1987--	3 216	4 394	49 897	6 807	13 014	-	12
1982--	4 845	3 306	34 987	4 710	9 074	-	(D)
Sprays, dusts, granules, fumigants, etc., to control--							
Insects on hay and other crops ----- farms, 1987--	67	443	540	91	118	-	48
1982--	57	540	448	158	102	-	40
acres on which used, 1987--	2 202	31 372	16 262	5 283	15 968	-	913
1982--	1 484	39 037	19 450	7 247	20 137	-	2 258
Nematodes in crops ----- farms, 1987--	6	63	168	-	7	-	6
1982--	15	48	115	-	16	-	4
acres on which used, 1987--	426	3 141	1 688	-	2 218	-	46
1982--	123	3 407	2 084	-	3 883	-	(D)
Diseases in crops and orchards ----- farms, 1987--	35	50	487	22	12	-	35
1982--	30	89	296	21	14	-	43
acres on which used, 1987--	400	1 987	7 748	490	2 232	-	473
1982--	(D)	3 960	2 854	590	3 723	-	831
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	231	860	1 751	359	295	-	50
1982--	210	804	1 479	371	292	-	63
acres on which used, 1987--	7 976	65 596	77 770	30 735	32 990	-	3 992
1982--	8 007	69 641	79 395	30 246	42 576	-	5 951
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	-	16	80	3	4	-	1
1982--	18	21	85	5	2	-	12
acres on which used, 1987--	-	423	2 353	(D)	(D)	-	(D)
1982--	1 002	936	1 590	60	(D)	-	19

**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								
	Monroe	Oconto	Oneida	Outagamie	Ozaukee	Pepin	Pierce		
Commercial fertilizer ----- farms, 1987--	1 390	956	57	1 279	403	364	978		
	1 408	958	58	1 395	393	377	1 061		
	102 568	107 000	7 616	169 480	46 246	41 664	103 185		
	95 579	111 451	7 462	189 935	(D)	41 001	105 590		
Cropland fertilized, except pastureland ----- farms, 1987--	1 380	951	55	1 271	395	364	973		
	1 394	958	58	1 382	393	368	1 054		
	99 459	106 190	6 417	168 966	46 172	41 042	101 518		
	93 574	110 547	7 232	188 841	47 084	40 251	103 261		
Pastureland and rangeland fertilized ----- farms, 1987--	120	40	9	34	10	28	52		
	73	54	3	71	1	27	113		
	3 109	810	1 199	514	74	622	1 667		
	2 005	904	230	1 094	(D)	750	2 329		
Lime ----- farms, 1987--	653	103	11	73	5	215	352		
	536	85	19	93	19	142	179		
	18 340	3 238	579	3 115	329	9 705	10 786		
	13 085	2 213	775	2 799	604	3 994	6 320		
Sprays, dusts, granules, fumigants, etc., to control--	47 509	6 979	525	4 673	(D)	22 746	23 437		
	30 360	4 144	998	3 812	916	9 133	15 236		
	Insects on hay and other crops ----- farms, 1987--	609	151	20	564	230	118	391	
		494	214	28	529	227	171	480	
27 624		11 793	3 688	44 746	16 493	8 304	28 244		
26 291		21 375	3 993	51 714	16 515	10 542	49 763		
Nematodes in crops ----- farms, 1987--	80	11	2	61	40	10	89		
	45	22	3	38	22	18	74		
	3 382	1 034	(D)	(D)	1 385	1 017	6 745		
	2 381	4 159	(D)	4 920	992	1 497	8 425		
Diseases in crops and orchards ----- farms, 1987--	29	56	20	64	112	7	6		
	29	40	15	61	66	1	16		
	1 643	3 191	2 121	2 520	3 413	251	(D)		
	330	2 444	1 956	2 193	1 189	(D)	1 515		
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	949	695	30	873	231	310	749		
	879	656	25	979	277	302	811		
	45 731	50 357	4 262	70 538	22 664	21 271	58 442		
	47 092	51 703	3 733	98 739	28 679	27 609	71 194		
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	13	22	6	32	34	10	10		
	20	14	5	30	13	1	13		
	494	1 581	1 762	1 438	668	124	82		
	845	1 255	1 032	2 126	1 165	(D)	2 579		

  

Chemicals used	County								
	Polk	Portage	Price	Racine	Richland	Rock	Rusk	St. Croix	
Commercial fertilizer ----- farms, 1987--	1 058	873	265	501	905	1 205	482	1 216	
	1 248	839	275	555	954	1 294	493	1 235	
	104 683	128 878	15 798	78 066	71 069	220 693	35 506	144 388	
	104 913	116 840	11 673	83 848	65 708	238 786	32 458	153 687	
Cropland fertilized, except pastureland ----- farms, 1987--	1 056	865	265	492	897	1 186	474	1 208	
	1 230	832	267	551	946	1 288	493	1 222	
	103 335	127 495	15 223	77 891	69 645	218 110	34 429	140 959	
	103 150	115 387	11 367	83 357	63 374	237 328	31 141	151 364	
Pastureland and rangeland fertilized ----- farms, 1987--	42	63	23	19	54	62	40	118	
	88	28	27	19	70	62	46	87	
	1 348	1 383	575	175	1 424	2 583	1 077	3 429	
	1 763	1 453	306	491	2 334	1 458	1 317	2 323	
Lime ----- farms, 1987--	340	332	78	33	283	249	126	438	
	325	338	108	31	224	237	93	387	
	10 226	19 498	1 914	2 028	8 791	13 471	3 067	16 688	
	8 318	12 766	1 468	1 035	5 871	10 524	1 925	12 064	
Sprays, dusts, granules, fumigants, etc., to control--	25 851	32 010	3 636	4 173	21 648	36 779	7 061	41 573	
	16 247	21 494	2 937	1 734	13 400	29 424	4 770	24 958	
	Insects on hay and other crops ----- farms, 1987--	202	260	15	264	362	768	23	360
		165	242	20	267	379	875	18	430
11 745		57 361	591	30 085	21 944	113 328	1 260	35 327	
9 932		44 106	554	32 637	21 349	139 538	979	44 444	
Nematodes in crops ----- farms, 1987--	24	54	1	35	41	74	8	46	
	3	26	2	58	97	166	9	67	
	624	8 685	(D)	2 141	2 733	9 316	386	3 196	
	283	6 314	(D)	5 337	3 323	18 226	850	3 772	
Diseases in crops and orchards ----- farms, 1987--	11	119	14	45	21	92	4	16	
	24	100	15	89	32	109	-	39	
	380	31 714	72	3 043	585	4 774	432	1 597	
	1 417	24 947	(D)	5 203	681	7 713	-	3 798	
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	782	543	171	406	675	847	319	850	
	866	546	137	467	635	992	263	887	
	49 079	77 684	5 379	57 594	31 980	143 201	15 357	67 107	
	55 342	65 501	3 723	75 868	31 997	174 259	10 764	80 230	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	3	67	7	16	25	37	2	28	
	7	40	16	13	10	30	36	8	
	233	16 026	172	414	466	2 856	(D)	1 176	
	301	9 519	52	798	175	2 777	916	415	

**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	Sauk	Sawyer	Shawano	Sheboygan	Taylor	Trempealeau	Vernon	Vilas
	Commercial fertilizer ----- farms, 1987--	1 209	87	1 321	914	772	1 187	1 761
1982--	1 280	95	1 394	963	750	1 139	1 977	22
acres on which used, 1987--	145 302	8 665	145 062	112 354	61 845	122 114	107 163	1 488
1982--	149 657	6 735	131 380	109 919	58 665	129 137	88 408	752
Cropland fertilized, except pastureland ----- farms, 1987--	1 207	87	1 321	906	770	1 161	1 747	16
1982--	1 269	95	1 385	935	743	1 124	1 963	21
acres on which used, 1987--	140 024	8 426	144 404	112 023	60 997	118 369	101 359	1 189
1982--	145 249	(D)	130 666	109 515	57 999	124 653	84 162	(D)
Pastureland and rangeland fertilized ----- farms, 1987--	130	10	53	15	33	120	113	3
1982--	167	1	58	44	35	114	101	1
acres on which used, 1987--	5 278	239	658	331	948	3 745	5 804	299
1982--	4 408	(D)	714	404	666	4 484	4 246	(D)
Lime ----- farms, 1987--	549	24	272	38	224	551	729	7
1982--	403	6	226	66	173	367	396	12
acres on which used, 1987--	19 846	864	7 490	1 945	4 997	17 129	18 486	464
1982--	14 330	335	5 792	2 261	4 462	10 367	8 467	179
tons, 1987--	52 343	1 905	15 790	2 180	11 598	38 828	42 465	899
1982--	35 414	1 000	10 823	2 269	8 482	22 224	19 898	284
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1987--	653	18	151	439	77	367	631	9
1982--	644	21	191	523	76	416	690	10
acres on which used, 1987--	61 750	1 037	7 025	29 981	3 117	29 635	23 945	846
1982--	66 679	903	11 110	46 120	3 333	39 954	28 474	405
Nematodes in crops ----- farms, 1987--	142	3	2	66	7	44	85	-
1982--	108	2	35	46	23	22	78	-
acres on which used, 1987--	7 847	212	(D)	3 263	224	1 784	2 540	-
1982--	9 032	(D)	2 697	3 508	1 025	2 183	3 209	-
Diseases in crops and orchards ----- farms, 1987--	44	17	27	86	13	38	56	9
1982--	31	3	20	89	6	32	42	8
acres on which used, 1987--	1 043	567	1 150	1 904	(D)	2 946	723	793
1982--	865	224	187	2 288	(D)	3 553	572	292
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	944	64	1 010	658	556	999	1 171	8
1982--	934	53	952	655	461	804	1 304	10
acres on which used, 1987--	75 820	5 473	57 710	58 100	21 698	59 913	44 434	873
1982--	82 139	4 768	56 673	58 453	24 430	71 093	49 885	514
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	30	7	30	18	15	27	129	1
1982--	28	1	19	53	1	23	115	-
acres on which used, 1987--	1 780	385	1 435	287	558	646	1 431	(D)
1982--	1 787	(D)	832	2 982	(D)	2 854	446	-

  

Chemicals used	Walworth	Washburn	Washington	Waukesha	Waupaca	Waushara	Winnebago	Wood
	Commercial fertilizer ----- farms, 1987--	740	245	712	530	1 130	545	746
1982--	795	233	786	603	1 068	567	775	848
acres on which used, 1987--	140 038	22 935	77 860	56 640	129 525	90 193	105 679	71 788
1982--	166 479	19 644	77 490	82 658	108 833	95 227	99 839	74 886
Cropland fertilized, except pastureland ----- farms, 1987--	740	245	712	514	1 130	544	735	775
1982--	794	228	780	595	1 056	567	774	841
acres on which used, 1987--	139 568	22 384	(D)	56 198	128 717	89 853	105 500	69 872
1982--	165 739	19 042	77 239	81 901	108 195	95 144	99 495	74 357
Pastureland and rangeland fertilized ----- farms, 1987--	21	33	2	25	49	14	20	52
1982--	26	26	15	49	46	3	15	27
acres on which used, 1987--	470	551	(D)	442	808	340	179	1 916
1982--	740	602	251	757	638	83	344	529
Lime ----- farms, 1987--	134	59	45	54	399	207	85	227
1982--	130	43	29	73	304	170	66	178
acres on which used, 1987--	6 327	2 797	2 853	1 864	12 072	13 716	2 509	8 706
1982--	7 666	1 623	1 117	7 326	7 883	5 226	2 248	3 295
tons, 1987--	13 011	3 310	3 557	3 162	22 678	25 088	4 407	19 927
1982--	17 518	3 250	1 609	9 521	10 865	12 576	3 676	7 802
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1987--	573	36	394	324	204	139	284	169
1982--	528	26	509	355	220	187	309	153
acres on which used, 1987--	76 162	1 857	25 817	28 926	16 203	35 929	27 647	8 986
1982--	91 777	1 458	34 031	48 794	20 897	35 572	32 467	12 333
Nematodes in crops ----- farms, 1987--	38	2	76	17	19	15	14	19
1982--	92	2	23	58	21	42	66	9
acres on which used, 1987--	5 018	(D)	5 630	2 073	1 101	3 545	1 983	920
1982--	8 372	(D)	2 738	7 046	2 935	3 686	3 916	1 125
Diseases in crops and orchards ----- farms, 1987--	78	29	71	61	71	64	56	43
1982--	54	3	52	98	14	62	50	38
acres on which used, 1987--	3 357	1 025	2 283	2 923	1 831	16 195	1 612	1 217
1982--	7 288	204	1 381	2 937	367	13 768	2 829	1 902
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	456	157	565	441	816	405	615	593
1982--	653	126	592	417	778	425	558	655
acres on which used, 1987--	89 776	9 815	39 702	33 623	57 787	51 834	60 603	32 751
1982--	130 701	7 900	46 320	60 952	56 603	56 571	56 493	37 203
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	23	10	20	20	25	35	6	18
1982--	5	2	11	22	25	47	10	8
acres on which used, 1987--	3 405	1 202	1 101	1 654	757	8 976	(D)	746
1982--	1 072	(D)	571	1 054	662	13 190	304	1 344