

**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	Counties							
	Florida	Alachua	Baker	Bay	Bradford	Brevard	Broward	
Commercial fertilizer ----- farms, 1987 ..	24 784	764	143	52	229	369	263	
	1982 ..	25 889	828	155	62	240	241	
	acres on which used, 1987 ..	2 958 843	52 583	2 365	1 798	13 429	41 403	8 756
	1982 ..	3 487 328	55 959	6 945	2 173	4 899	30 321	20 510
Cropland fertilized, except pastureland ----- farms, 1987 ..	19 554	515	78	33	146	349	228	
	1982 ..	21 399	602	123	46	141	407	
	acres on which used, 1987 ..	2 003 289	26 064	1 168	1 111	3 046	14 748	7 072
	1982 ..	2 417 354	39 366	2 940	1 564	2 233	18 535	6 380
Pastureland and rangeland fertilized ----- farms, 1987 ..	7 531	392	73	23	118	41	37	
	1982 ..	7 481	339	89	28	132	21	32
	acres on which used, 1987 ..	955 554	26 519	1 197	687	10 383	26 655	1 684
	1982 ..	1 069 974	16 593	4 005	609	2 666	11 786	14 130
Lime ----- farms, 1987 ..	3 896	94	29	15	26	4	8	
	1982 ..	4 743	128	16	14	37	51	4
	acres on which used, 1987 ..	373 361	4 836	550	396	653	1 613	16
	1982 ..	478 992	4 878	386	388	671	4 243	(D)
Sprays, dusts, granules, fumigants, etc., to control—	tons, 1987 ..	404 247	5 372	577	658	862	1 411	32
	1982 ..	483 183	5 564	210	391	933	7 125	(D)
	Insects on hay and other crops ----- farms, 1987 ..	12 555	297	8	16	96	193	200
		1982 ..	12 544	335	26	24	72	236
acres on which used, 1987 ..		1 415 048	13 658	339	144	2 018	8 471	6 078
1982 ..		1 673 348	21 954	1 152	720	1 481	13 431	5 623
Nematodes in crops ----- farms, 1987 ..	3 352	80	6	3	-	39	14	
	1982 ..	3 433	105	15	1	13	37	32
	acres on which used, 1987 ..	333 491	6 967	6	5	-	2 616	451
	1982 ..	382 161	9 211	931	(D)	469	813	1 560
Diseases in crops and orchards ----- farms, 1987 ..	8 328	182	2	9	30	174	110	
	1982 ..	7 755	127	17	7	148	96	
	acres on which used, 1987 ..	866 082	4 483	(D)	48	141	8 117	1 237
	1982 ..	989 565	9 990	1 015	34	1 032	4 787	2 069
Weeds, grass, or brush in crops and pasture ----- farms, 1987 ..	11 963	243	12	16	81	161	111	
	1982 ..	9 141	164	20	15	44	166	112
	acres on which used, 1987 ..	1 456 684	13 759	401	446	1 457	9 368	5 307
	1982 ..	1 608 602	13 015	2 294	1 329	919	7 244	6 920
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987 ..	1 601	7	6	2	-	32	18	
	1982 ..	1 362	20	10	3	4	27	43
	acres on which used, 1987 ..	97 063	755	6	(D)	-	2 933	52
	1982 ..	95 076	874	272	7	4	340	511

  

Chemicals used	Counties							
	Calhoun	Charlotte	Citrus	Clay	Collier	Columbia	Dade	
Commercial fertilizer ----- farms, 1987 ..	105	133	162	125	149	365	1 344	
	1982 ..	127	83	180	160	101	1 238	
	acres on which used, 1987 ..	23 104	14 865	6 957	9 695	54 331	21 709	60 458
	1982 ..	35 372	18 630	8 155	10 345	45 164	27 177	54 850
Cropland fertilized, except pastureland ----- farms, 1987 ..	90	106	105	27	133	260	1 337	
	1982 ..	118	65	118	106	93	1 238	
	acres on which used, 1987 ..	21 344	8 446	2 601	2 366	39 918	12 002	60 113
	1982 ..	32 032	9 712	4 801	2 532	29 231	16 826	53 513
Pastureland and rangeland fertilized ----- farms, 1987 ..	33	45	79	119	20	161	9	
	1982 ..	43	22	90	78	14	13	
	acres on which used, 1987 ..	1 760	6 419	4 356	7 329	14 413	9 707	345
	1982 ..	3 340	8 918	3 354	7 813	15 933	10 351	1 397
Lime ----- farms, 1987 ..	29	15	19	22	25	67	36	
	1982 ..	36	15	32	13	10	13	
	acres on which used, 1987 ..	3 941	2 932	359	228	7 076	3 077	550
	1982 ..	9 537	3 863	1 368	(D)	6 164	2 608	253
Sprays, dusts, granules, fumigants, etc., to control—	tons, 1987 ..	3 537	3 604	350	287	6 387	4 176	454
	1982 ..	8 238	2 392	1 368	(D)	3 676	2 492	(D)
	Insects on hay and other crops ----- farms, 1987 ..	46	64	36	5	110	87	1 014
		1982 ..	87	36	58	30	84	105
acres on which used, 1987 ..		10 568	7 832	1 605	(D)	34 607	3 779	49 829
1982 ..		33 916	7 102	4 007	372	25 868	9 102	42 929
Nematodes in crops ----- farms, 1987 ..	29	11	1	-	42	21	162	
	1982 ..	18	9	-	7	30	126	
	acres on which used, 1987 ..	5 506	1 480	(D)	-	19 638	533	14 481
	1982 ..	9 353	1 519	-	7	10 098	4 421	18 296
Diseases in crops and orchards ----- farms, 1987 ..	24	53	27	1	71	44	861	
	1982 ..	5	28	29	21	57	33	790
	acres on which used, 1987 ..	2 528	7 238	1 096	(D)	27 326	606	38 347
	1982 ..	3 063	5 857	1 701	28	19 591	4 475	35 212
Weeds, grass, or brush in crops and pasture ----- farms, 1987 ..	42	77	56	6	105	113	839	
	1982 ..	87	41	31	17	56	750	
	acres on which used, 1987 ..	10 059	7 435	1 226	1 069	33 824	3 252	35 272
	1982 ..	32 747	6 674	2 118	(D)	21 304	8 424	35 534
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987 ..	3	6	7	-	9	6	188	
	1982 ..	7	4	-	-	5	13	217
	acres on which used, 1987 ..	989	(D)	35	-	4 515	24	7 146
	1982 ..	1 427	(D)	-	-	806	42	3 173

**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	Counties							
	De Soto	Dixie	Duval	Escambia	Flagler	Franklin	Gadsden	
Commercial fertilizer ----- farms, 1987--	498	49	173	349	56	3	266	
	1982--	351	49	226	414	2	231	
	acres on which used, 1987--	99 027	1 429	5 023	36 586	10 552	(D) 14 838	
	1982--	78 189	2 470	8 540	34 571	9 955	(D) 24 252	
Cropland fertilized, except pastureland ----- farms, 1987--	373	27	95	285	32	-	216	
	1982--	300	22	180	379	44	204	
	acres on which used, 1987--	42 788	431	2 419	34 070	6 627	- 11 650	
	1982--	44 568	931	4 979	31 050	6 376	- 20 530	
Pastureland and rangeland fertilized ----- farms, 1987--	170	27	91	123	30	3	95	
	1982--	84	33	79	109	28	84	
	acres on which used, 1987--	56 239	998	2 604	2 516	3 925	(D) 3 188	
	1982--	33 621	1 539	3 561	3 521	3 579	(D) 3 722	
Lime ----- farms, 1987--	89	-	24	94	16	-	73	
	1982--	63	9	63	183	12	80	
	acres on which used, 1987--	20 901	-	199	7 558	3 797	- 1 713	
	1982--	30 149	531	595	8 997	3 556	- 4 599	
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987--	22 585	-	218	6 476	2 821	- 1 796	
	1982--	20 785	531	555	9 315	3 070	- 4 026	
	Insects on hay and other crops ----- farms, 1987--	185	16	81	196	22	-	105
	1982--	141	8	114	273	35	-	126
Nematodes in crops ----- farms, 1987--	33	3	-	85	15	-	55	
	1982--	12	7	9	70	18	-	90
	acres on which used, 1987--	2 484	(D)	-	9 691	4 240	-	3 102
	1982--	2 048	172	(D)	6 373	3 390	-	5 328
Diseases in crops and orchards ----- farms, 1987--	160	16	27	82	16	-	51	
	1982--	108	4	52	52	21	-	49
	acres on which used, 1987--	24 506	283	366	1 752	4 174	-	2 595
	1982--	25 201	(D)	131	4 696	4 031	-	2 236
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	241	6	73	195	19	-	89	
	1982--	173	7	43	179	23	-	59
	acres on which used, 1987--	29 315	807	2 867	25 645	5 732	-	4 088
	1982--	33 582	191	1 218	18 276	4 223	-	5 626
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	30	5	19	47	2	-	9	
	1982--	12	2	7	5	8	-	28
	acres on which used, 1987--	2 326	17	35	1 978	(D)	-	263
	1982--	3 129	(D)	7	10	959	-	191
Chemicals used	Counties							
	Gilchrist	Glades	Gulf	Hamilton	Hardee	Hendry	Hernando	
Commercial fertilizer ----- farms, 1987--	240	85	22	197	941	275	214	
	1982--	236	71	22	229	727	191	
	acres on which used, 1987--	23 587	27 910	2 384	16 053	82 670	141 372	
	1982--	30 203	37 779	20 171	26 230	98 255	163 985	
Cropland fertilized, except pastureland ----- farms, 1987--	154	28	11	166	839	205	136	
	1982--	198	35	16	213	650	205	
	acres on which used, 1987--	13 182	14 835	(D)	8 929	51 405	94 644	
	1982--	20 220	19 759	(D)	20 967	55 116	81 111	
Pastureland and rangeland fertilized ----- farms, 1987--	130	61	11	98	181	75	104	
	1982--	128	40	10	79	152	85	
	acres on which used, 1987--	10 405	13 075	(D)	7 124	31 265	46 728	
	1982--	9 983	18 020	(D)	5 263	43 139	82 874	
Lime ----- farms, 1987--	33	6	4	26	173	35	7	
	1982--	51	16	3	41	150	17	
	acres on which used, 1987--	2 067	300	17	2 143	10 236	4 525	
	1982--	2 480	2 583	738	2 030	20 727	23 044	
Sprays, dusts, granules, fumigants, etc., to control--	tons, 1987--	2 947	330	11	2 093	14 594	6 075	
	1982--	2 774	3 455	960	2 030	22 517	29 650	
	Insects on hay and other crops ----- farms, 1987--	73	29	5	65	558	147	
	1982--	66	16	10	100	348	79	
Nematodes in crops ----- farms, 1987--	16	1	1	40	128	57	18	
	1982--	57	9	-	51	63	21	
	acres on which used, 1987--	5 589	(D)	(D)	2 145	5 614	24 282	
	1982--	5 164	5 980	-	1 526	2 451	10 302	
Diseases in crops and orchards ----- farms, 1987--	46	10	1	25	431	116	33	
	1982--	56	6	5	31	294	52	
	acres on which used, 1987--	2 631	8 776	(D)	1 389	32 283	54 700	
	1982--	3 954	5 563	(D)	775	34 030	41 679	
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	45	51	2	69	625	169	99	
	1982--	38	30	11	88	318	79	
	acres on which used, 1987--	7 335	10 423	(D)	4 881	38 188	81 973	
	1982--	6 372	18 503	15 920	7 032	39 423	59 787	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	12	-	-	4	83	8	23	
	1982--	6	-	1	10	24	19	
	acres on which used, 1987--	160	-	-	330	2 757	5 544	
	1982--	12	-	(D)	518	1 936	(D)	

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

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Chemicals used	Counties								
	Highlands	Hillsborough	Holmes	Indian River	Jackson	Jefferson	Lafayette	Lake	
Commercial fertilizer ----- farms, 1987..	500	1 710	374	463	722	227	176	894	
	1982..	416	1 876	429	360	786	210	1 341	
	acres on which used, 1987..	110 104	73 089	19 475	84 492	164 147	29 417	13 111	63 462
	1982..	117 520	93 837	48 128	85 091	131 037	36 652	15 210	163 544
Cropland fertilized, except pastureland ----- farms, 1987..	381	1 480	292	427	628	163	130	763	
	1982..	274	1 645	328	357	717	189	1 271	
	acres on which used, 1987..	55 601	52 455	15 306	73 074	87 805	18 897	6 033	41 961
	1982..	44 206	54 563	38 913	73 741	113 842	24 669	8 782	148 843
Pastureland and rangeland fertilized ----- farms, 1987..	133	356	137	38	221	97	99	165	
	1982..	174	337	205	5	245	129	75	170
	acres on which used, 1987..	54 503	20 634	4 169	11 418	16 342	10 520	7 078	21 501
	1982..	73 314	39 274	9 215	11 350	17 195	11 983	6 428	14 701
Lime ----- farms, 1987..	106	270	82	88	252	38	16	135	
	1982..	121	330	128	49	303	61	40	177
	acres on which used, 1987..	14 363	14 334	5 065	18 903	22 163	6 190	1 045	5 725
	1982..	25 005	15 924	9 737	12 803	24 274	6 181	964	27 472
Sprays, dusts, granules, fumigants, etc., to control—									
	tons, 1987..	18 353	18 672	4 559	20 075	22 173	6 215	1 171	6 578
	1982..	25 190	18 656	8 801	9 172	24 522	6 805	1 164	25 008
Insects on hay and other crops ----- farms, 1987..	327	891	139	330	344	77	65	481	
	1982..	186	958	129	242	456	88	101	804
	acres on which used, 1987..	47 088	40 082	8 026	67 306	44 396	6 836	2 634	27 579
	1982..	38 302	38 415	24 586	66 292	82 267	13 588	4 251	120 933
Nematodes in crops ----- farms, 1987..	104	277	37	94	225	30	22	78	
	1982..	54	199	24	10	232	28	57	183
	acres on which used, 1987..	12 964	14 038	1 142	6 105	16 269	1 083	544	1 863
	1982..	3 773	10 408	679	1 949	23 120	2 547	1 362	14 416
Diseases in crops and orchards ----- farms, 1987..	300	608	68	336	180	78	30	295	
	1982..	143	653	47	191	194	63	36	534
	acres on which used, 1987..	41 834	28 311	2 831	64 855	17 382	3 616	494	21 020
	1982..	35 410	30 770	3 891	56 124	21 534	7 630	1 619	98 007
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	378	851	139	319	366	95	54	461	
	1982..	160	686	159	166	413	45	35	569
	acres on which used, 1987..	51 113	38 883	8 936	65 917	45 689	8 616	3 332	31 090
	1982..	28 797	34 419	28 088	63 278	66 147	15 156	1 261	87 236
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	33	92	16	44	44	2	4	56	
	1982..	21	76	-	31	31	10	9	94
	acres on which used, 1987..	768	1 202	2 310	6 385	4 740	(D)	40	1 842
	1982..	4 484	2 604	-	4 432	5 661	464	114	5 455

  

Chemicals used	Counties								
	Lee	Leon	Levy	Liberty	Madison	Manatee	Marion	Martin	
Commercial fertilizer ----- farms, 1987..	249	211	311	30	333	525	846	176	
	1982..	218	212	304	44	444	489	177	
	acres on which used, 1987..	27 781	9 844	30 178	860	31 464	75 874	69 879	70 814
	1982..	24 197	24 142	38 792	2 734	60 312	78 321	83 518	89 829
Cropland fertilized, except pastureland ----- farms, 1987..	184	117	180	19	243	420	412	136	
	1982..	147	119	195	30	386	420	509	143
	acres on which used, 1987..	19 284	4 160	12 895	373	17 002	46 612	26 011	64 692
	1982..	18 264	15 758	17 586	2 228	47 547	37 439	35 303	55 913
Pastureland and rangeland fertilized ----- farms, 1987..	84	125	161	14	132	168	511	51	
	1982..	95	131	185	17	181	134	504	67
	acres on which used, 1987..	8 497	5 684	17 283	487	14 462	29 262	43 868	6 122
	1982..	5 933	8 384	21 206	506	12 765	40 882	48 215	33 916
Lime ----- farms, 1987..	12	27	52	6	36	107	125	25	
	1982..	57	40	72	10	96	90	143	29
	acres on which used, 1987..	1 975	781	4 768	(D)	6 538	18 308	8 191	3 137
	1982..	5 386	3 739	4 666	541	5 489	8 835	9 270	12 662
Sprays, dusts, granules, fumigants, etc., to control—									
	tons, 1987..	2 505	781	4 319	(D)	6 453	22 448	8 143	3 264
	1982..	4 065	3 481	4 656	508	5 991	16 123	9 036	14 085
Insects on hay and other crops ----- farms, 1987..	124	29	138	3	126	283	222	94	
	1982..	95	34	96	11	226	260	237	104
	acres on which used, 1987..	15 997	2 307	6 400	(D)	11 902	32 184	13 468	47 182
	1982..	10 430	2 991	8 337	1 288	34 198	23 177	20 051	47 992
Nematodes in crops ----- farms, 1987..	24	1	35	-	23	95	36	11	
	1982..	27	7	47	2	55	77	56	28
	acres on which used, 1987..	2 653	(D)	1 710	-	974	16 564	2 169	7 137
	1982..	2 161	2 511	3 389	(D)	4 329	11 462	3 083	1 969
Diseases in crops and orchards ----- farms, 1987..	113	38	69	-	16	191	114	89	
	1982..	76	24	70	3	34	156	180	63
	acres on which used, 1987..	14 852	81	3 421	-	1 640	25 420	8 810	41 750
	1982..	12 392	807	4 948	(D)	3 874	20 970	13 570	30 332
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	119	68	112	9	129	342	426	91	
	1982..	64	36	72	3	167	182	90	
	acres on which used, 1987..	12 764	2 766	8 679	59	7 754	32 926	27 760	50 492
	1982..	10 540	8 529	9 130	1 188	23 136	23 068	18 669	22 968
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	9	7	10	-	13	24	1	4	
	1982..	17	14	5	1	31	16	37	8
	acres on which used, 1987..	910	14	280	-	347	2 735	(D)	(D)
	1982..	692	92	390	(D)	2 019	2 915	2 231	3 727

**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	Nassau	Okaloosa	Okeechobee	Orange	Osceola	Palm Beach	Pasco
Commercial fertilizer ----- farms, 1987..	6	208	248	266	865	369	720	719
	1	163	271	184	1 002	311	532	805
	(D)	5 076	13 365	123 289	44 453	78 061	506 953	31 196
	(D)	4 761	35 099	126 426	72 853	95 502	467 240	59 734
Cropland fertilized, except pastureland ----- farms, 1987..	6	123	137	105	780	318	677	588
	1	111	177	77	934	251	455	735
	(D)	2 919	7 994	23 742	39 111	22 941	487 999	18 798
	(D)	2 792	19 139	20 205	65 380	24 444	447 312	42 394
Pastureland and rangeland fertilized ----- farms, 1987..	-	115	147	196	101	78	53	204
	-	79	154	142	100	100	101	174
	-	2 157	5 371	99 547	4 943	55 120	18 954	12 398
	-	1 969	15 960	106 221	7 473	71 058	19 928	17 340
Lime ----- farms, 1987..	-	22	53	52	106	49	54	39
	-	38	54	45	109	69	45	71
	-	746	2 504	20 019	4 685	7 089	16 386	2 276
	-	678	3 085	24 602	14 243	7 597	17 064	6 904
Sprays, dusts, granules, fumigants, etc., to control—								
	5	42	44	45	588	210	539	374
	2	13	96	18	637	156	362	352
	(D)	486	1 920	10 537	30 818	18 992	324 099	13 139
Nematodes in crops ----- farms, 1987..	-	6	12	5	141	19	96	34
	-	1	9	1	195	43	116	38
	-	48	207	2 870	9 251	1 533	26 015	2 146
	-	(D)	504	(D)	10 042	4 915	91 653	1 498
Diseases in crops and orchards ----- farms, 1987..	3	13	26	36	346	151	329	278
	2	1	21	11	467	69	192	350
	3	55	1 860	7 145	26 006	11 763	89 571	8 073
	(D)	(D)	1 421	3 835	45 482	11 835	99 232	24 541
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	4	49	65	122	389	163	417	395
	1	29	85	60	343	120	257	277
	(D)	1 936	8 024	23 526	29 044	22 573	333 725	12 421
	(D)	371	9 342	15 883	37 160	24 734	400 570	19 752
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	1	6	13	1	115	18	92	84
	-	-	1	4	39	9	44	27
	(D)	48	358	(D)	1 366	448	17 241	595
	-	-	(D)	1 200	1 401	900	17 230	2 696
Chemicals used	County							
	Pinellas	Polk	Putnam	St. Johns	St. Lucie	Santa Rosa	Sarasota	Seminole
Commercial fertilizer ----- farms, 1987..	81	1 928	278	123	472	340	167	263
	127	1 857	426	150	357	408	120	316
	954	169 542	12 744	22 164	142 887	44 376	9 229	5 959
	3 786	177 771	16 621	27 224	116 088	57 776	14 390	12 107
Cropland fertilized, except pastureland ----- farms, 1987..	73	1 733	222	98	439	263	120	234
	109	1 709	357	140	323	355	80	244
	682	121 225	9 905	21 477	91 746	37 595	4 667	5 516
	3 195	149 700	13 432	25 559	89 707	54 189	3 638	9 328
Pastureland and rangeland fertilized ----- farms, 1987..	21	329	74	27	50	134	63	30
	25	311	87	16	39	153	45	95
	272	48 317	2 839	687	51 141	6 781	4 562	443
	591	28 071	3 189	1 665	26 381	3 587	10 752	2 779
Lime ----- farms, 1987..	7	328	39	49	61	140	9	37
	12	286	74	47	29	165	22	33
	42	34 534	2 165	10 043	20 472	13 762	1 132	1 390
	440	27 431	1 431	7 155	6 929	9 958	1 388	2 606
Sprays, dusts, granules, fumigants, etc., to control—								
	32	37 849	1 302	8 962	23 483	13 186	858	1 373
	440	36 584	1 189	7 261	5 906	9 243	1 855	2 325
Nematodes in crops ----- farms, 1987..	55	1 281	140	86	320	166	61	124
	89	1 055	176	99	229	224	65	138
	336	112 133	7 741	18 882	86 893	31 590	2 885	2 735
	2 362	125 580	10 329	21 080	79 581	48 534	2 245	6 795
Diseases in crops and orchards ----- farms, 1987..	1	378	31	65	117	49	8	50
	29	190	68	84	52	100	12	35
	(D)	22 742	4 275	18 190	32 711	7 313	342	1 975
	386	11 930	3 901	17 263	4 191	29 739	122	2 165
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	32	857	76	71	280	69	30	102
	70	820	103	75	195	66	27	104
	360	87 243	4 202	16 516	80 451	6 326	909	3 878
	939	92 463	4 247	14 295	72 360	21 001	996	4 606
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	54	1 127	137	84	273	151	79	119
	74	766	84	87	172	157	40	90
	263	110 773	9 475	15 032	78 054	25 913	3 400	3 743
	1 795	94 540	5 823	15 549	63 125	39 510	3 012	2 802
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	12	152	2	5	40	75	6	17
	40	97	8	10	20	75	1	18
	26	3 409	(D)	741	1 802	9 937	6	1 111
	881	7 266	(D)	1 113	(D)	4 737	(D)	(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	Sumter	Suwannee	Taylor	Union	Volusia	Wakulla	Walton	Washington
Commercial fertilizer ----- farms, 1987--	395	601	82	163	633	33	304	202
1982--	432	738	123	138	791	49	351	321
acres on which used, 1987--	35 754	48 901	3 965	11 696	12 172	1 405	17 098	20 954
1982--	29 560	81 192	3 441	10 806	20 953	2 818	51 138	34 028
Cropland fertilized, except pastureland ----- farms, 1987--	217	426	58	65	531	21	214	157
1982--	338	583	66	100	709	24	262	195
acres on which used, 1987--	7 542	31 168	1 953	5 292	9 245	1 096	12 397	9 695
1982--	11 204	56 904	970	6 271	14 727	1 562	42 259	26 323
Pastureland and rangeland fertilized ----- farms, 1987--	238	297	40	135	119	16	142	81
1982--	191	341	80	61	138	32	187	148
acres on which used, 1987--	28 212	17 733	2 012	6 404	2 927	309	4 701	11 259
1982--	18 356	24 288	2 471	4 535	6 226	1 256	8 879	7 705
Lime ----- farms, 1987--	74	106	10	14	121	3	84	93
1982--	103	166	18	21	126	9	128	98
acres on which used, 1987--	2 454	5 599	449	1 860	3 887	(D)	5 810	3 844
1982--	2 872	10 416	611	1 149	1 953	830	10 742	4 790
tons, 1987--	3 036	5 423	472	1 780	3 719	(D)	7 514	4 236
1982--	2 551	10 333	731	1 229	1 773	922	9 877	4 587
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	139	212	34	42	478	10	113	46
1982--	172	247	29	45	466	9	160	135
acres on which used, 1987--	2 827	11 931	661	2 830	7 210	187	7 395	3 964
1982--	4 413	25 187	691	2 418	11 137	434	24 926	17 514
Nematodes in crops ----- farms, 1987--	34	59	10	10	215	3	43	14
1982--	105	121	12	13	244	4	13	16
acres on which used, 1987--	215	4 407	177	155	3 794	(D)	1 010	2 429
1982--	2 206	8 183	368	(D)	2 526	924	195	1 393
Diseases in crops and orchards ----- farms, 1987--	83	71	11	4	226	6	82	19
1982--	103	76	5	10	261	4	52	16
acres on which used, 1987--	1 627	5 267	113	80	3 730	(D)	4 387	3 033
1982--	2 504	8 952	319	(D)	7 256	(D)	8 302	839
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	107	195	27	27	266	15	144	70
1982--	88	155	21	7	264	11	148	105
acres on which used, 1987--	2 560	18 494	834	1 603	5 335	1 011	7 570	5 667
1982--	2 549	22 039	458	(D)	4 004	923	26 815	19 543
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	-	12	3	-	21	-	40	1
1982--	1	12	4	1	63	-	10	-
acres on which used, 1987--	-	341	102	-	160	-	2 342	(D)
1982--	(D)	1 899	160	(D)	619	-	681	-