

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992

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

Chemicals used	Florida	Alachua	Baker	Bay	Bradford	Brevard	Broward
Commercial fertilizer farms, 1997..	23 087	698	92	36	208	353	191
1992..	24 777	819	148	32	217	426	249
acres on which used, 1997..	2 939 310	35 594	2 135	1 175	8 276	41 491	4 953
1992..	3 206 580	41 277	3 812	1 477	7 718	23 860	5 454
Cropland fertilized, except pastureland farms, 1997..	18 226	477	55	28	152	332	180
1992..	20 234	547	99	19	177	374	224
acres on which used, 1997..	2 220 875	22 044	1 141	895	4 054	22 352	3 855
1992..	2 200 277	24 288	2 483	981	4 073	20 073	4 141
Pastureland and rangeland fertilized farms, 1997..	6 806	294	44	9	86	32	11
1992..	6 887	354	60	16	88	59	27
acres on which used, 1997..	718 435	13 550	994	280	4 222	19 139	1 098
1992..	1 006 303	16 989	1 329	496	3 645	3 787	1 313
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	10 714	172	26	10	74	177	134
1992..	12 137	202	46	5	69	210	151
acres on which used, 1997..	1 596 677	9 104	946	199	2 552	14 177	2 048
1992..	1 597 154	9 199	991	(D)	2 443	17 293	2 871
Nematodes in crops farms, 1997..	2 128	41	—	—	—	48	19
1992..	2 923	50	3	—	18	21	26
acres on which used, 1997..	285 104	2 493	—	—	—	6 606	189
1992..	436 835	3 209	(D)	—	170	(D)	250
Diseases in crops and orchards farms, 1997..	7 246	138	6	7	3	150	87
1992..	7 768	106	22	5	29	143	86
acres on which used, 1997..	1 033 768	6 742	339	91	79	13 514	1 502
1992..	990 031	3 691	383	41	289	7 467	946
Weeds, grass, or brush in crops and pasture farms, 1997..	10 491	159	18	14	50	164	117
1992..	10 875	183	41	9	61	201	150
acres on which used, 1997..	1 494 432	10 392	386	557	1 437	14 836	1 560
1992..	1 583 233	8 495	1 364	305	1 898	14 586	2 995
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1 041	24	1	1	11	28	6
1992..	1 337	26	1	1	17	18	9
acres on which used, 1997..	116 751	690	(D)	(D)	78	393	107
1992..	245 186	1 114	(D)	(D)	160	(D)	(D)
Chemicals used	Calhoun	Charlotte	Citrus	Clay	Collier	Columbia	Dade
Commercial fertilizer farms, 1997..	86	128	128	126	149	385	1 384
1992..	89	145	160	136	161	374	1 725
acres on which used, 1997..	19 489	34 529	8 352	4 973	57 947	25 153	64 544
1992..	20 217	27 145	5 317	6 717	76 640	21 601	61 560
Cropland fertilized, except pastureland farms, 1997..	67	89	96	61	148	220	1 384
1992..	66	116	104	80	157	273	1 714
acres on which used, 1997..	16 413	27 865	4 353	1 402	(D)	12 733	64 090
1992..	17 266	21 738	2 872	1 776	64 092	8 930	60 970
Pastureland and rangeland fertilized farms, 1997..	41	46	50	77	1	246	8
1992..	43	39	63	69	14	172	25
acres on which used, 1997..	3 076	6 664	3 999	3 571	(D)	12 420	454
1992..	2 951	5 407	2 445	4 941	12 548	12 671	590
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	34	64	54	24	119	83	843
1992..	34	95	58	30	126	93	1 064
acres on which used, 1997..	13 819	23 041	2 095	(D)	51 153	4 855	55 367
1992..	13 029	20 028	1 971	641	57 842	3 508	50 685
Nematodes in crops farms, 1997..	12	6	1	7	14	30	115
1992..	18	21	—	4	33	37	208
acres on which used, 1997..	1 462	1 251	(D)	9	9 952	1 722	22 821
1992..	1 912	2 702	—	(D)	29 947	1 327	13 125
Diseases in crops and orchards farms, 1997..	9	51	35	19	91	46	589
1992..	22	55	38	22	93	35	776
acres on which used, 1997..	2 101	13 919	369	(D)	34 732	2 216	47 176
1992..	3 092	15 080	202	123	53 943	1 040	32 714
Weeds, grass, or brush in crops and pasture farms, 1997..	41	62	32	21	90	83	804
1992..	39	85	22	57	75	89	891
acres on which used, 1997..	15 586	18 309	1 657	483	42 278	7 700	42 697
1992..	14 416	17 300	679	1 307	42 249	4 335	32 817
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	3	6	6	2	2	17	61
1992..	3	10	12	2	13	34	174
acres on which used, 1997..	1 574	500	484	(D)	(D)	1 249	4 170
1992..	1 394	89	12	(D)	(D)	6 833	8 342

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	De Soto	Dixie	Duval	Escambia	Flagler	Franklin	Gadsden
Commercial fertilizer farms, 1997..	542	64	181	312	52	5	202
1992..	626	47	193	370	58	2	266
acres on which used, 1997..	115 394	3 419	5 179	30 148	12 428	(D)	13 557
1992..	79 319	2 356	5 160	22 281	6 848	(D)	14 887
Cropland fertilized, except pastureland farms, 1997..	450	32	128	230	36	4	144
1992..	541	23	144	271	29	—	209
acres on which used, 1997..	87 708	1 670	2 981	26 971	8 683	21	10 027
1992..	59 352	1 100	2 791	18 726	5 067	—	10 923
Pastureland and rangeland fertilized farms, 1997..	160	39	71	123	17	1	94
1992..	146	28	86	146	34	2	95
acres on which used, 1997..	27 686	1 749	2 198	3 177	3 745	(D)	3 530
1992..	19 967	1 256	2 369	3 555	1 781	(D)	3 964
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	258	13	43	142	28	4	76
1992..	417	16	40	94	24	—	79
acres on which used, 1997..	76 368	396	1 702	18 319	6 485	(D)	5 192
1992..	53 753	541	2 150	11 611	4 384	—	7 570
Nematodes in crops farms, 1997..	83	1	1	7	13	—	25
1992..	97	1	3	3	14	—	31
acres on which used, 1997..	9 365	(D)	(D)	2 238	5 067	—	2 381
1992..	18 159	(D)	(D)	(D)	4 682	—	2 797
Diseases in crops and orchards farms, 1997..	208	3	20	35	20	—	41
1992..	281	1	22	20	10	—	40
acres on which used, 1997..	67 376	(D)	693	1 936	4 905	—	3 726
1992..	40 416	(D)	89	1 283	3 584	—	2 593
Weeds, grass, or brush in crops and pasture farms, 1997..	400	7	45	115	27	3	74
1992..	346	2	41	158	23	1	43
acres on which used, 1997..	71 100	(D)	1 818	19 303	5 487	(D)	7 164
1992..	48 127	(D)	1 365	12 548	4 453	(D)	3 086
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	39	1	2	46	—	—	2
1992..	61	—	2	35	—	—	4
acres on which used, 1997..	5 186	(D)	(D)	6 926	—	—	(D)
1992..	3 648	—	(D)	4 235	—	—	600
Chemicals used							
Chemicals used	Gilchrist	Glades	Gulf	Hamilton	Hardee	Hendry	Hernando
Commercial fertilizer farms, 1997..	241	80	16	186	890	270	255
1992..	249	119	12	186	923	266	197
acres on which used, 1997..	25 088	34 978	412	17 457	103 081	197 682	12 057
1992..	25 671	77 091	(D)	17 018	93 909	249 490	8 973
Cropland fertilized, except pastureland farms, 1997..	149	45	8	155	768	248	159
1992..	182	61	7	166	837	250	135
acres on which used, 1997..	17 132	25 796	136	11 914	59 172	183 446	3 728
1992..	15 235	24 998	(D)	12 166	57 070	176 334	5 779
Pastureland and rangeland fertilized farms, 1997..	127	35	9	75	199	25	125
1992..	143	65	7	68	192	29	81
acres on which used, 1997..	7 956	9 182	276	5 543	43 909	14 236	8 329
1992..	10 436	52 093	(D)	4 852	36 839	73 156	3 194
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	73	35	3	55	537	184	66
1992..	59	31	4	56	542	166	74
acres on which used, 1997..	9 906	15 397	24	3 670	44 741	132 928	2 193
1992..	5 559	10 923	(D)	3 805	44 334	129 688	2 138
Nematodes in crops farms, 1997..	14	12	—	17	84	25	1
1992..	13	4	—	30	119	55	8
acres on which used, 1997..	735	6 985	—	2 327	7 535	9 563	(D)
1992..	3 651	(D)	—	2 042	7 625	38 878	156
Diseases in crops and orchards farms, 1997..	49	28	2	5	391	138	21
1992..	31	23	1	14	458	136	34
acres on which used, 1997..	4 383	8 532	(D)	364	31 185	82 091	263
1992..	1 260	7 502	(D)	978	33 289	113 687	601
Weeds, grass, or brush in crops and pasture farms, 1997..	57	43	5	68	532	193	70
1992..	53	56	5	51	623	194	66
acres on which used, 1997..	6 317	16 774	31	6 078	40 728	104 415	4 428
1992..	4 797	26 190	639	3 918	43 052	157 861	2 558
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	2	—	—	7	75	13	—
1992..	4	2	—	2	57	53	2
acres on which used, 1997..	(D)	(D)	—	1 892	4 685	1 155	(D)
1992..	(D)	(D)	—	(D)	3 235	44 831	—

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	Highlands	Hillsborough	Holmes	Indian River	Jackson	Jefferson	Lafayette	Lake
Commercial fertilizer								
farms, 1997..	513	1 757	342	398	639	248	131	1 024
1992..	448	1 754	339	368	675	210	158	1 091
acres on which used, 1997..	154 543	71 426	21 483	84 137	84 070	21 208	13 951	49 682
1992..	165 402	81 415	22 698	90 569	96 642	19 401	14 689	47 872
Cropland fertilized, except pastureland								
farms, 1997..	426	1 445	202	361	498	177	78	888
1992..	372	1 475	232	357	557	139	111	959
acres on which used, 1997..	93 751	50 009	12 147	75 621	72 166	14 154	6 179	37 837
1992..	79 863	52 866	14 173	74 063	70 618	12 195	7 039	32 397
Pastureland and rangeland fertilized.....								
farms, 1997..	104	411	201	39	248	90	87	199
1992..	105	393	181	26	249	78	73	236
acres on which used, 1997..	60 792	21 417	9 336	8 516	11 904	7 054	7 772	11 845
1992..	85 539	28 549	8 525	16 506	26 024	7 206	7 650	15 475
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops								
farms, 1997..	316	789	71	314	318	68	51	499
1992..	271	921	54	286	276	50	60	653
acres on which used, 1997..	76 672	36 797	4 969	72 736	49 124	5 755	3 347	24 934
1992..	73 346	39 198	4 127	70 771	35 341	7 717	4 483	23 863
Nematodes in crops								
farms, 1997..	82	216	19	39	138	22	16	91
1992..	112	237	11	77	218	22	20	93
acres on which used, 1997..	7 752	11 716	1 572	(D)	7 085	15 795	1 196	2 467
1992..	26 943	14 346			11 291	16 147	3 649	1 105
Diseases in crops and orchards.....								
farms, 1997..	266	584	53	239	191	33	11	375
1992..	215	615	64	262	202	42	25	398
acres on which used, 1997..	36 380	24 739	3 571	50 271	19 352	2 872	143	14 099
1992..	65 660	30 718	2 260	62 293	16 845	4 193	742	17 380
Weeds, grass, or brush in crops and pasture								
farms, 1997..	280	958	79	230	302	60	40	470
1992..	289	901	64	292	374	58	45	591
acres on which used, 1997..	47 602	39 393	7 473	50 189	64 978	7 353	2 535	20 096
1992..	66 445	34 733	5 894	66 379	51 084	8 054	3 589	22 893
Chemicals used on crops to control growth, thin fruit, or defoliate								
farms, 1997..	40	65	13	45	28	16	5	26
1992..	17	66	1	34	48	10	6	42
acres on which used, 1997..	1 170	2 816	1 692	(D)	3 549	6 913	2 431	60
1992..	3 912	4 093			3 528	6 265	2 457	263
Chemicals used								
Lee	Leon	Levy	Liberty	Madison	Manatee	Marion	Martin	
Commercial fertilizer								
farms, 1997..	261	129	267	23	241	413	815	171
1992..	340	154	275	34	349	507	785	156
acres on which used, 1997..	28 370	5 791	44 805	539	30 768	74 166	62 834	64 904
1992..	23 465	7 126	37 823	1 585	37 188	77 573	51 832	76 635
Cropland fertilized, except pastureland								
farms, 1997..	234	91	160	14	175	341	430	133
1992..	286	130	189	20	227	393	451	132
acres on which used, 1997..	24 945	2 107	25 892	221	19 544	60 554	25 698	60 170
1992..	18 513	5 741	20 245	521	24 404	58 795	31 388	63 557
Pastureland and rangeland fertilized.....								
farms, 1997..	36	54	151	10	119	111	466	40
1992..	81	53	157	21	195	159	383	27
acres on which used, 1997..	3 425	3 684	18 913	318	11 224	13 612	37 136	4 734
1992..	4 952	1 385	17 578	1 064	12 784	18 778	20 444	13 078
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops								
farms, 1997..	162	27	73	3	63	209	234	85
1992..	179	40	84	5	93	294	173	94
acres on which used, 1997..	21 472	796	11 063	95	10 939	49 847	11 259	57 048
1992..	16 927	2 947	11 164	156	17 123	47 961	11 641	47 698
Nematodes in crops								
farms, 1997..	30	—	3	—	12	55	20	20
1992..	38	17	30	—	27	69	16	22
acres on which used, 1997..	10 396	—	239	—	2 056	21 434	1 109	2 054
1992..	5 332	2 269	4 084	—	2 145	25 243	1 492	21 631
Diseases in crops and orchards.....								
farms, 1997..	132	24	47	—	9	169	152	53
1992..	98	25	64	—	34	208	59	64
acres on which used, 1997..	20 621	182	9 432	—	1 447	50 160	6 425	33 953
1992..	12 048	480	4 865	—	1 958	38 387	3 198	38 390
Weeds, grass, or brush in crops and pasture								
farms, 1997..	112	29	96	3	49	222	347	78
1992..	142	21	59	3	44	226	209	76
acres on which used, 1997..	21 495	1 905	13 765	126	8 838	57 456	14 428	27 148
1992..	10 570	891	5 060	(D)	4 930	39 920	18 471	45 950
Chemicals used on crops to control growth, thin fruit, or defoliate								
farms, 1997..	18	—	13	—	6	13	8	4
1992..	11	18	2	—	17	15	4	8
acres on which used, 1997..	967	(D)	333	1 151	—	3 554	(D)	171
1992..				(D)		858	5 272	(D)

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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

Chemicals used	Monroe	Nassau	Okaloosa	Okeechobee	Orange	Osceola	Palm Beach	Pasco
Commercial fertilizer farms, 1997..	8	109	180	190	623	324	639	644
1992..	9	144	231	246	764	318	667	632
acres on which used, 1997..	(D)	3 230	12 975	76 628	32 298	91 762	445 408	34 764
1992..	(D)	7 266	9 141	119 381	35 269	97 870	499 039	36 710
Cropland fertilized, except pastureland farms, 1997..	6	43	115	110	613	265	547	534
1992..	9	95	187	115	729	253	635	524
acres on which used, 1997..	(D)	1 373	8 249	35 168	29 082	26 045	442 890	18 141
1992..	(D)	4 006	6 992	26 381	31 654	19 605	494 501	20 960
Pastureland and rangeland fertilized farms, 1997..	2	74	118	104	21	74	93	172
1992..	—	51	85	170	53	102	43	180
acres on which used, 1997..	(D)	1 857	4 726	41 460	3 216	65 717	2 518	16 623
1992..	—	3 260	2 149	93 000	3 615	78 265	4 538	15 750
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	5	19	41	56	323	154	350	299
1992..	4	28	52	68	513	145	437	351
acres on which used, 1997..	33	195	3 756	21 880	27 268	21 813	247 490	13 953
1992..	4	3 005	3 459	15 189	27 198	13 913	325 461	16 104
Nematodes in crops farms, 1997..	1	1	2	6	54	12	69	28
1992..	—	1	9	12	87	13	98	25
acres on which used, 1997..	(D)	(D)	855	1 084	4 728	2 632	27 808	568
1992..	—	(D)	1 929	8 640	3 423	54 494		721
Diseases in crops and orchards farms, 1997..	3	5	11	14	219	112	208	251
1992..	5	—	22	43	279	87	247	189
acres on which used, 1997..	3	35	865	8 182	20 409	13 299	170 282	6 837
1992..	8	—	(D)	11 889	22 842	10 662	92 669	9 361
Weeds, grass, or brush in crops and pasture farms, 1997..	6	25	39	77	278	138	393	322
1992..	—	12	75	108	341	157	369	254
acres on which used, 1997..	152	284	5 113	25 334	16 338	26 818	306 297	11 555
1992..	—	1 222	4 527	19 444	25 541	35 000	358 951	10 827
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	—	13	5	23	2	24	12
1992..	1	1	25	12	66	6	62	36
acres on which used, 1997..	(D)	(D)	2 187	2 388	(D)	(D)	2 983	62
1992..	(D)	(D)	1 452	1 072	2 015	2 015	82 988	752
Chemicals used								
Chemicals used								
Pinellas	Polk	Putnam	St. Johns	St. Lucie	Santa Rosa	Sarasota	Seminole	
Commercial fertilizer farms, 1997..	73	1 892	251	97	383	344	141	178
1992..	75	1 689	303	120	444	346	152	233
acres on which used, 1997..	328	160 823	9 496	22 002	140 069	43 933	8 172	5 130
1992..	479	167 307	16 555	26 228	169 332	45 452	17 702	6 779
Cropland fertilized, except pastureland farms, 1997..	73	1 640	214	78	370	275	107	142
1992..	75	1 526	228	101	400	311	112	196
acres on which used, 1997..	328	123 424	7 762	20 514	115 781	40 458	4 828	2 415
1992..	479	115 320	11 590	24 694	117 510	40 975	7 675	4 935
Pastureland and rangeland fertilized farms, 1997..	—	372	50	21	23	131	35	51
1992..	—	258	83	23	63	115	58	53
acres on which used, 1997..	—	37 399	1 734	1 488	24 288	3 475	3 344	2 715
1992..	—	51 987	4 965	1 534	51 822	4 477	10 027	1 844
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	47	1 215	125	63	321	126	73	70
1992..	64	1 184	176	83	351	159	79	112
acres on which used, 1997..	170	111 296	5 830	18 706	111 452	24 564	3 897	1 150
1992..	425	104 347	10 265	22 143	108 656	25 387	4 198	3 632
Nematodes in crops farms, 1997..	3	167	39	44	65	40	13	19
1992..	5	190	46	51	99	51	8	31
acres on which used, 1997..	12	9 525	3 237	15 304	18 503	10 891	538	429
1992..	23	18 063	5 814	19 624	20 795	3 602	660	971
Diseases in crops and orchards farms, 1997..	25	807	103	56	250	72	39	55
1992..	39	736	75	60	289	78	63	74
acres on which used, 1997..	122	79 015	4 775	18 117	67 159	13 404	2 296	969
1992..	193	83 603	5 655	15 213	80 264	8 013	2 716	3 546
Weeds, grass, or brush in crops and pasture farms, 1997..	37	1 082	100	63	259	156	54	73
1992..	28	970	99	69	315	149	47	120
acres on which used, 1997..	271	91 624	5 220	17 334	66 986	37 487	5 055	1 838
1992..	59	98 965	7 529	16 602	98 663	26 881	3 874	4 276
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	71	2	7	18	87	8	14
1992..	—	51	10	8	26	74	27	7
acres on which used, 1997..	(D)	1 737	(D)	2 033	2 367	22 373	16	49
1992..	(D)	4 693	535	1 069	10 013	14 393	304	(D)

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—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, 1997..	384	561	63	140	653	43	314	221
1992..	442	629	85	114	751	41	275	229
acres on which used, 1997..	33 201	54 789	3 436	12 008	19 437	1 238	19 973	15 629
1992..	77 690	50 417	2 721	7 601	17 970	2 129	17 632	16 687
Cropland fertilized, except pastureland	farms, 1997..	170	391	27	553	27	217	140
1992..	271	457	44	92	645	25	210	159
acres on which used, 1997..	7 036	40 852	680	4 928	12 757	635	13 451	8 020
1992..	15 512	29 080	906	5 132	11 436	1 415	9 633	9 261
Pastureland and rangeland fertilized.....	farms, 1997..	257	257	40	86	19	152	107
1992..	219	286	44	45	136	23	125	104
acres on which used, 1997..	26 165	13 937	2 756	7 080	6 680	603	6 522	7 609
1992..	62 178	21 337	1 815	2 469	6 534	714	7 999	7 426
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997..	104	206	11	30	342	12	64
1992..	140	193	23	47	504	10	67	29
acres on which used, 1997..	5 726	21 486	221	2 775	9 074	758	4 918	3 994
1992..	7 931	13 831	606	1 853	9 783	209	4 525	2 507
Nematodes in crops	farms, 1997..	22	44	4	6	118	—	27
1992..	30	59	—	21	251	2	6	2
acres on which used, 1997..	98	4 980	180	77	3 272	—	2 058	(D)
1992..	1 976	3 174	—	2 178	3 856	(D)	36	(D)
Diseases in crops and orchards.....	farms, 1997..	41	115	4	14	249	3	33
1992..	74	120	10	17	323	5	31	24
acres on which used, 1997..	2 037	8 999	9	718	7 506	(D)	2 845	2 496
1992..	1 887	5 397	44	1 826	5 623	457	2 482	384
Weeds, grass, or brush in crops and pasture	farms, 1997..	95	196	6	23	295	12	69
1992..	99	195	10	23	323	10	95	48
acres on which used, 1997..	5 253	18 807	189	1 693	8 007	918	7 464	7 058
1992..	3 360	9 427	(D)	968	5 643	332	9 490	4 200
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997..	11	34	—	8	18	2	15
1992..	8	27	3	6	30	1	8	1
acres on which used, 1997..	869	3 363	—	77	172	(D)	3 600	1 216
1992..	80	184	3	100	272	(D)	155	(D)