

**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	Texas	Anderson	Andrews	Angelina	Aransas	Archer	Armstrong
	Commercial fertilizer ..... farms, 1997..	100 624	1 086	48	440	23	314
..... 1992..	96 585	1 063	41	409	12	257	87
acres on which used, 1997..	17 487 790	84 186	23 720	18 577	1 155	89 745	42 684
..... 1992..	16 501 174	74 716	15 695	17 087	289	63 733	37 725
Cropland fertilized, except pastureland ..... farms, 1997..	65 948	504	43	248	13	262	61
..... 1992..	67 926	528	34	231	11	248	87
acres on which used, 1997..	13 834 311	27 248	(D)	6 773	401	72 020	42 428
..... 1992..	13 076 296	26 127	15 683	4 470	174	61 025	37 503
Pastureland and rangeland fertilized..... farms, 1997..	48 621	731	7	233	11	125	5
..... 1992..	41 591	654	7	217	4	22	9
acres on which used, 1997..	3 653 479	56 938	(D)	11 804	754	17 725	256
..... 1992..	3 424 878	48 589	12	12 617	115	2 708	222
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	18 550	82	10	27	—	78	24
..... 1992..	18 555	80	22	18	1	85	19
acres on which used, 1997..	6 683 700	3 228	7 037	1 396	—	20 831	16 569
..... 1992..	5 296 632	3 748	3 069	293	(D)	19 108	9 041
Nematodes in crops ..... farms, 1997..	2 116	—	4	9	—	—	—
..... 1992..	1 993	8	6	—	—	1	—
acres on which used, 1997..	775 166	—	3 218	27	—	—	—
..... 1992..	616 924	(D)	1 211	—	—	(D)	—
Diseases in crops and orchards..... farms, 1997..	4 629	24	3	17	—	26	—
..... 1992..	5 954	40	4	2	—	3	1
acres on which used, 1997..	876 268	601	12	61	—	1 169	—
..... 1992..	774 157	410	(D)	(D)	—	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	46 493	372	17	98	9	109	51
..... 1992..	46 225	397	29	39	11	74	70
acres on which used, 1997..	11 689 721	44 245	15 302	3 703	1 048	24 040	28 065
..... 1992..	11 245 921	40 473	19 320	3 177	1 468	19 317	28 427
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	5 943	—	3	—	—	10	3
..... 1992..	6 110	1	8	16	—	6	—
acres on which used, 1997..	2 284 063	—	3 181	—	—	200	3 477
..... 1992..	1 778 488	(D)	3 525	16	—	400	—
Chemicals used	Atascosa	Austin	Bailey	Bandera	Bastrop	Baylor	Bee
Commercial fertilizer ..... farms, 1997..	626	996	244	180	1 035	188	250
..... 1992..	605	1 051	235	165	911	212	314
acres on which used, 1997..	83 258	66 442	96 226	5 582	80 615	103 996	77 596
..... 1992..	81 821	73 144	101 382	5 998	66 525	83 853	81 013
Cropland fertilized, except pastureland ..... farms, 1997..	452	591	215	129	512	172	140
..... 1992..	404	640	230	126	430	212	180
acres on which used, 1997..	54 892	35 003	89 974	3 147	18 558	96 347	61 164
..... 1992..	50 558	30 839	95 606	4 592	21 133	74 925	58 078
Pastureland and rangeland fertilized..... farms, 1997..	287	547	43	66	713	32	134
..... 1992..	240	554	28	40	570	26	169
acres on which used, 1997..	28 366	31 439	6 252	2 435	62 057	7 649	16 432
..... 1992..	31 263	42 305	5 776	1 406	45 392	8 928	22 935
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	82	49	99	15	60	91	45
..... 1992..	91	58	96	67	95	20	74
acres on which used, 1997..	12 743	7 721	39 196	367	4 059	65 269	46 532
..... 1992..	18 789	6 673	32 956	993	4 739	6 434	27 506
Nematodes in crops ..... farms, 1997..	17	2	27	—	—	—	—
..... 1992..	7	8	14	4	12	—	2
acres on which used, 1997..	3 770	(D)	8 466	—	—	—	—
..... 1992..	1 537	2 014	5 472	4	2 148	—	(D)
Diseases in crops and orchards..... farms, 1997..	86	1	18	—	21	—	1
..... 1992..	82	16	7	39	15	1	28
acres on which used, 1997..	9 923	(D)	2 891	—	747	—	(D)
..... 1992..	11 103	1 854	2 177	679	1 015	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	370	369	155	72	568	68	184
..... 1992..	314	376	201	93	462	41	108
acres on which used, 1997..	49 245	38 389	78 937	2 098	58 081	33 106	56 111
..... 1992..	52 998	47 922	89 939	7 870	51 673	20 525	32 572
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	21	24	70	7	1	27	4
..... 1992..	3	14	3	9	4	19	17
acres on which used, 1997..	1 369	2 534	18 796	14	(D)	2 811	2 550
..... 1992..	364	2 384	998	9	813	2 091	2 425

**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	Bell	Bexar	Blanco	Borden	Bosque	Bowie	Brazoria
	Commercial fertilizer ..... farms, 1997..	930	819	289	23	567	551
..... 1992..	937	872	245	40	526	628	616
acres on which used, 1997..	165 931	62 315	10 263	9 037	57 363	50 442	64 655
..... 1992..	147 856	65 266	9 261	14 081	60 682	50 385	108 879
Cropland fertilized, except pastureland ..... farms, 1997..	687	571	245	20	397	299	356
..... 1992..	714	658	195	39	429	381	386
acres on which used, 1997..	132 883	48 809	6 892	8 889	37 939	25 728	51 892
..... 1992..	119 651	47 956	4 990	(D)	43 570	25 648	65 116
Pastureland and rangeland fertilized..... farms, 1997..	468	343	81	4	227	305	283
..... 1992..	372	390	98	1	186	341	275
acres on which used, 1997..	33 048	13 506	3 371	148	19 424	24 714	12 763
..... 1992..	28 205	17 310	4 271	(D)	17 112	24 737	43 763
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	197	105	50	4	30	66	142
..... 1992..	229	119	35	11	44	56	160
acres on which used, 1997..	54 134	24 981	1 183	2 873	5 083	2 776	28 337
..... 1992..	55 329	9 824	341	2 779	11 215	10 480	51 646
Nematodes in crops ..... farms, 1997..	31	10	—	—	1	—	8
..... 1992..	21	20	1	—	7	6	—
acres on which used, 1997..	14 804	(D)	—	—	(D)	—	280
..... 1992..	6 137	3 682	(D)	—	1 190	18	—
Diseases in crops and orchards..... farms, 1997..	25	51	24	—	3	22	67
..... 1992..	45	51	28	1	9	34	103
acres on which used, 1997..	4 720	9 450	73	—	(D)	1 581	14 921
..... 1992..	3 128	1 716	154	(D)	(D)	7 307	18 670
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	603	425	80	31	283	145	358
..... 1992..	547	354	96	59	204	174	293
acres on which used, 1997..	97 636	40 539	4 465	21 782	35 854	29 077	58 471
..... 1992..	84 618	27 242	6 846	31 427	40 208	33 445	103 360
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	19	2	6	14	1	—	26
..... 1992..	63	14	—	18	5	2	21
acres on which used, 1997..	5 155	(D)	30	7 524	(D)	—	3 269
..... 1992..	8 070	394	—	6 337	190	(D)	4 348
Chemicals used	Brazos	Brewster	Briscoe	Brooks	Brown	Burleson	Burnet
Commercial fertilizer ..... farms, 1997..	584	6	104	98	513	860	397
..... 1992..	567	11	98	87	406	768	333
acres on which used, 1997..	62 254	(D)	50 073	14 662	55 793	108 927	21 139
..... 1992..	54 816	2 173	42 062	17 868	41 896	96 908	23 013
Cropland fertilized, except pastureland ..... farms, 1997..	344	6	100	54	382	390	292
..... 1992..	339	9	97	55	326	388	196
acres on which used, 1997..	27 759	(D)	49 703	10 887	34 024	46 840	12 126
..... 1992..	27 672	(D)	(D)	8 660	28 679	34 786	8 921
Pastureland and rangeland fertilized..... farms, 1997..	350	1	5	48	234	628	142
..... 1992..	330	4	1	40	142	522	152
acres on which used, 1997..	34 495	(D)	370	3 775	21 769	62 087	9 013
..... 1992..	27 144	(D)	(D)	9 208	13 217	62 122	14 092
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	92	1	65	10	30	118	73
..... 1992..	47	7	32	17	78	50	24
acres on which used, 1997..	17 730	(D)	40 168	1 749	5 102	29 733	2 291
..... 1992..	13 385	17	15 580	5 306	4 163	19 699	893
Nematodes in crops ..... farms, 1997..	6	—	6	—	3	4	9
..... 1992..	2	—	10	—	2	—	1
acres on which used, 1997..	3 885	—	1 247	—	410	5 788	18
..... 1992..	(D)	—	2 972	—	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	2	—	7	4	10	3	28
..... 1992..	24	6	5	11	48	2	2
acres on which used, 1997..	(D)	—	2 850	48	1 546	2 805	344
..... 1992..	669	12	1 852	520	4 326	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	233	3	74	21	195	350	197
..... 1992..	295	20	82	22	191	411	135
acres on which used, 1997..	53 875	(D)	46 047	9 407	15 065	71 592	13 625
..... 1992..	46 146	2 421	30 983	15 095	19 793	54 808	11 200
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	22	—	43	4	5	9	—
..... 1992..	26	3	10	2	2	39	6
acres on which used, 1997..	5 078	—	21 727	151	10	10 405	—
..... 1992..	10 741	3	3 426	(D)	(D)	14 485	180

**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	Caldwell	Calhoun	Callahan	Cameron	Camp	Carson	Cass
	Commercial fertilizer ..... farms, 1997..	498	136	489	529	210	185
..... farms, 1992..	456	114	439	647	237	213	491
acres on which used, 1997..	45 226	49 195	54 480	141 594	13 809	104 534	25 187
..... farms, 1992..	53 479	46 702	40 960	170 711	20 243	119 801	25 519
Cropland fertilized, except pastureland ..... farms, 1997..	261	82	377	477	109	175	253
..... farms, 1992..	254	86	351	595	161	212	295
acres on which used, 1997..	21 763	45 606	36 074	140 196	5 922	103 553	9 381
..... farms, 1992..	30 839	42 103	28 817	167 076	11 630	119 341	12 387
Pastureland and rangeland fertilized..... farms, 1997..	331	58	190	89	103	12	280
..... farms, 1992..	254	34	135	95	110	3	252
acres on which used, 1997..	23 463	3 589	18 406	1 398	7 887	981	15 806
..... farms, 1992..	22 640	4 599	12 143	3 635	8 613	460	13 132
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	56	63	47	391	26	80	28
..... farms, 1992..	80	76	22	412	20	125	76
acres on which used, 1997..	11 026	42 630	3 343	83 928	1 634	36 193	518
..... farms, 1992..	14 375	31 842	1 526	110 017	731	35 428	1 741
Nematodes in crops ..... farms, 1997..	—	3	—	99	—	2	—
..... farms, 1992..	—	4	9	47	—	—	—
acres on which used, 1997..	—	1 754	—	6 985	—	(D)	—
..... farms, 1992..	—	3 482	170	10 824	—	—	—
Diseases in crops and orchards..... farms, 1997..	7	4	5	201	9	6	3
..... farms, 1992..	15	8	31	135	15	22	7
acres on which used, 1997..	416	500	325	8 928	35	1 777	(D)
..... farms, 1992..	267	922	2 799	10 885	540	6 910	11
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	390	112	144	331	119	173	100
..... farms, 1992..	303	103	135	348	64	150	91
acres on which used, 1997..	41 841	48 773	19 740	107 929	6 809	94 183	7 219
..... farms, 1992..	36 734	35 752	17 076	99 192	6 023	63 845	7 963
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	4	22	—	155	—	6	1
..... farms, 1992..	21	37	—	256	—	5	—
acres on which used, 1997..	1 787	7 671	—	39 354	—	648	(D)
..... farms, 1992..	5 878	10 841	—	62 840	—	895	—
Chemicals used							
Commercial fertilizer ..... farms, 1997..	313	189	918	140	429	161	43
..... farms, 1992..	351	181	939	126	507	102	38
acres on which used, 1997..	214 721	30 143	68 558	59 308	78 282	143 364	4 696
..... farms, 1992..	193 523	27 183	63 047	78 657	104 865	101 001	2 510
Cropland fertilized, except pastureland ..... farms, 1997..	311	100	463	132	310	156	42
..... farms, 1992..	349	140	533	116	386	102	28
acres on which used, 1997..	213 806	20 865	24 173	57 326	45 086	143 279	(D)
..... farms, 1992..	190 075	24 478	25 405	75 983	81 603	(D)	2 410
Pastureland and rangeland fertilized..... farms, 1997..	16	94	612	11	191	5	6
..... farms, 1992..	17	54	500	22	193	1	10
acres on which used, 1997..	915	9 278	44 385	1 982	33 196	85	(D)
..... farms, 1992..	3 448	2 705	37 642	2 674	23 262	(D)	100
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	203	53	79	37	74	87	18
..... farms, 1992..	218	58	103	41	68	27	8
acres on which used, 1997..	143 505	10 356	1 197	14 555	7 476	51 722	541
..... farms, 1992..	83 421	8 649	3 680	18 547	8 745	23 113	(D)
Nematodes in crops ..... farms, 1997..	45	—	—	1	—	49	—
..... farms, 1992..	40	2	14	2	2	21	—
acres on which used, 1997..	8 601	—	—	(D)	—	27 073	—
..... farms, 1992..	7 464	(D)	31	(D)	(D)	20 465	—
Diseases in crops and orchards..... farms, 1997..	44	17	27	1	21	16	—
..... farms, 1992..	55	23	40	4	21	2	—
acres on which used, 1997..	14 378	2 084	193	(D)	1 553	5 842	—
..... farms, 1992..	8 459	3 397	330	3 785	2 998	(D)	—
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	272	102	307	85	126	120	44
..... farms, 1992..	270	96	287	100	188	107	62
acres on which used, 1997..	172 378	29 179	27 121	39 252	30 920	121 313	8 387
..... farms, 1992..	125 805	18 664	33 160	56 836	39 033	89 257	4 782
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	113	1	15	15	7	78	—
..... farms, 1992..	13	1	18	23	6	8	—
acres on which used, 1997..	27 541	(D)	177	2 715	690	40 131	—
..... farms, 1992..	807	(D)	228	5 469	72	3 918	—
Chemicals used							
Commercial fertilizer ..... farms, 1997..	313	189	918	140	429	161	43
..... farms, 1992..	351	181	939	126	507	102	38
acres on which used, 1997..	214 721	30 143	68 558	59 308	78 282	143 364	4 696
..... farms, 1992..	193 523	27 183	63 047	78 657	104 865	101 001	2 510
Cropland fertilized, except pastureland ..... farms, 1997..	311	100	463	132	310	156	42
..... farms, 1992..	349	140	533	116	386	102	28
acres on which used, 1997..	213 806	20 865	24 173	57 326	45 086	143 279	(D)
..... farms, 1992..	190 075	24 478	25 405	75 983	81 603	(D)	2 410
Pastureland and rangeland fertilized..... farms, 1997..	16	94	612	11	191	5	6
..... farms, 1992..	17	54	500	22	193	1	10
acres on which used, 1997..	915	9 278	44 385	1 982	33 196	85	(D)
..... farms, 1992..	3 448	2 705	37 642	2 674	23 262	(D)	100
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	203	53	79	37	74	87	18
..... farms, 1992..	218	58	103	41	68	27	8
acres on which used, 1997..	143 505	10 356	1 197	14 555	7 476	51 722	541
..... farms, 1992..	83 421	8 649	3 680	18 547	8 745	23 113	(D)
Nematodes in crops ..... farms, 1997..	45	—	—	1	—	49	—
..... farms, 1992..	40	2	14	2	2	21	—
acres on which used, 1997..	8 601	—	—	(D)	—	27 073	—
..... farms, 1992..	7 464	(D)	31	(D)	(D)	20 465	—
Diseases in crops and orchards..... farms, 1997..	44	17	27	1	21	16	—
..... farms, 1992..	55	23	40	4	21	2	—
acres on which used, 1997..	14 378	2 084	193	(D)	1 553	5 842	—
..... farms, 1992..	8 459	3 397	330	3 785	2 998	(D)	—
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	272	102	307	85	126	120	44
..... farms, 1992..	270	96	287	100	188	107	62
acres on which used, 1997..	172 378	29 179	27 121	39 252	30 920	121 313	8 387
..... farms, 1992..	125 805	18 664	33 160	56 836	39 033	89 257	4 782
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	113	1	15	15	7	78	—
..... farms, 1992..	13	1	18	23	6	8	—
acres on which used, 1997..	27 541	(D)	177	2 715	690	40 131	—
..... farms, 1992..	807	(D)	228	5 469	72	3 918	—

**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	County						
	Coleman	Collin	Collingsworth	Colorado	Comal	Comanche	Concho
Commercial fertilizer ..... farms, 1997..	284	726	233	1 169	182	994	116
..... farms, 1992..	274	675	190	983	196	987	103
acres on which used, 1997..	41 167	123 277	87 108	108 336	6 852	120 149	30 409
..... acres on which used, 1992..	49 931	107 903	60 198	102 175	14 700	138 721	22 610
Cropland fertilized, except pastureland ..... farms, 1997..	254	472	180	713	167	661	91
..... farms, 1992..	197	508	174	634	167	801	86
acres on which used, 1997..	34 685	105 247	79 762	79 819	6 124	64 692	24 526
..... acres on which used, 1992..	34 016	90 987	56 797	69 848	11 949	90 582	19 772
Pastureland and rangeland fertilized..... farms, 1997..	63	413	79	622	35	584	34
..... farms, 1992..	85	284	46	487	56	455	26
acres on which used, 1997..	6 482	18 030	7 346	28 517	728	55 457	5 883
..... acres on which used, 1992..	15 915	16 916	3 401	32 327	2 751	48 139	2 838
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	38	86	43	143	38	120	45
..... farms, 1992..	23	104	47	142	22	212	50
acres on which used, 1997..	6 726	52 093	19 625	37 312	681	14 569	20 411
..... acres on which used, 1992..	1 477	38 400	15 398	35 121	3 204	16 223	20 652
Nematodes in crops ..... farms, 1997..	—	4	5	18	9	35	—
..... farms, 1992..	—	5	4	25	—	88	—
acres on which used, 1997..	—	4 036	3 913	5 078	387	4 516	—
..... acres on which used, 1992..	—	3 907	3 330	3 794	—	7 105	—
Diseases in crops and orchards..... farms, 1997..	1	4	12	102	25	125	1
..... farms, 1992..	—	43	9	101	1	264	2
acres on which used, 1997..	(D)	(D)	6 771	27 069	452	14 502	(D)
..... acres on which used, 1992..	—	1 878	2 829	30 912	(D)	29 279	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	178	282	107	451	82	500	61
..... farms, 1992..	114	296	105	443	107	452	99
acres on which used, 1997..	25 609	71 234	48 278	72 831	2 548	60 592	14 427
..... acres on which used, 1992..	15 605	49 864	44 837	65 925	8 741	63 783	29 527
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	7	8	11	2	—	10	30
..... farms, 1992..	1	35	31	12	—	1	65
acres on which used, 1997..	1 717	2 421	1 867	(D)	—	329	13 949
..... acres on which used, 1992..	(D)	5 812	5 428	1 705	—	(D)	16 936
Chemicals used							
	Cooke	Coryell	Cottle	Crane	Crockett	Crosby	Culberson
Commercial fertilizer ..... farms, 1997..	938	555	58	6	5	227	16
..... farms, 1992..	926	543	41	9	2	230	10
acres on which used, 1997..	102 692	73 931	24 574	56	(D)	200 194	3 846
..... acres on which used, 1992..	114 884	75 727	8 900	62	(D)	145 477	702
Cropland fertilized, except pastureland ..... farms, 1997..	573	418	44	5	5	212	14
..... farms, 1992..	689	402	37	9	2	228	10
acres on which used, 1997..	65 155	52 334	20 582	(D)	(D)	197 904	(D)
..... acres on which used, 1992..	74 064	51 086	7 204	62	(D)	144 542	702
Pastureland and rangeland fertilized..... farms, 1997..	534	216	24	1	—	18	2
..... farms, 1992..	423	241	5	—	—	7	—
acres on which used, 1997..	37 537	21 597	3 992	(D)	—	2 290	(D)
..... acres on which used, 1992..	40 820	24 641	1 696	—	—	935	—
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	89	88	13	—	2	101	2
..... farms, 1992..	76	70	4	1	—	117	2
acres on which used, 1997..	7 947	15 619	4 175	—	(D)	55 728	(D)
..... acres on which used, 1992..	10 334	16 161	1 601	(D)	—	68 663	(D)
Nematodes in crops ..... farms, 1997..	—	5	—	—	—	23	—
..... farms, 1992..	2	1	—	—	—	16	—
acres on which used, 1997..	—	150	—	—	—	9 819	—
..... acres on which used, 1992..	(D)	(D)	—	—	—	9 961	—
Diseases in crops and orchards..... farms, 1997..	18	9	2	—	—	7	4
..... farms, 1992..	10	4	—	2	—	10	2
acres on which used, 1997..	2 552	895	(D)	—	—	8 485	408
..... acres on which used, 1992..	2 000	532	—	(D)	—	7 065	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	419	241	59	2	15	174	9
..... farms, 1992..	355	301	42	9	30	195	14
acres on which used, 1997..	53 004	43 434	19 941	(D)	18 903	163 393	2 307
..... acres on which used, 1992..	89 442	53 913	34 318	242	14 152	169 845	3 837
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	2	2	—	1	95	1
..... farms, 1992..	—	1	10	—	—	70	1
acres on which used, 1997..	—	(D)	(D)	—	(D)	44 144	(D)
..... acres on which used, 1992..	—	(D)	2 149	—	—	12 801	(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	Dallam	Dallas	Dawson	Deaf Smith	Delta	Denton	De Witt
	Commercial fertilizer ..... farms, 1997..	236	216	359	337	160	904
..... 1992..	254	185	354	331	223	799	870
acres on which used, 1997..	266 597	32 379	320 011	207 989	30 341	111 882	63 269
..... 1992..	217 608	27 337	232 468	161 513	28 832	102 797	59 244
Cropland fertilized, except pastureland ..... farms, 1997..	236	109	359	337	108	616	485
..... 1992..	239	176	354	328	137	571	500
acres on which used, 1997..	261 094	19 995	(D)	203 159	22 919	84 574	26 500
..... 1992..	210 104	(D)	(D)	160 747	19 023	78 046	24 547
Pastureland and rangeland fertilized..... farms, 1997..	19	142	1	16	64	475	526
..... 1992..	28	19	1	9	123	374	519
acres on which used, 1997..	5 503	12 384	(D)	4 830	7 422	27 308	36 769
..... 1992..	7 504	(D)	(D)	766	9 809	24 751	34 697
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	169	34	244	222	25	101	70
..... 1992..	164	37	128	232	26	155	75
acres on which used, 1997..	133 468	1 578	151 925	99 001	3 892	15 456	3 008
..... 1992..	75 065	9 548	58 187	97 727	5 134	31 485	3 271
Nematodes in crops ..... farms, 1997..	8	2	81	23	—	1	—
..... 1992..	1	5	65	34	9	6	—
acres on which used, 1997..	1 231	(D)	27 604	3 098	—	(D)	—
..... 1992..	(D)	(D)	20 477	5 817	1 437	12	—
Diseases in crops and orchards..... farms, 1997..	21	24	24	45	—	35	7
..... 1992..	12	20	4	84	7	46	22
acres on which used, 1997..	17 182	(D)	8 788	9 558	—	1 304	220
..... 1992..	3 377	111	(D)	13 751	140	1 958	655
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	190	48	276	236	81	483	562
..... 1992..	190	45	340	326	72	416	590
acres on which used, 1997..	160 202	9 143	227 862	137 860	19 987	54 567	47 959
..... 1992..	102 029	14 779	191 506	129 777	17 628	46 758	39 875
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	3	3	203	26	8	6	2
..... 1992..	1	2	159	15	1	36	6
acres on which used, 1997..	3 495	4	124 379	9 034	880	2 213	(D)
..... 1992..	(D)	(D)	78 580	3 020	(D)	2 888	108

  

Chemicals used	Dickens	Dimmit	Donley	Duval	Eastland	Ector	Edwards	Ellis
	Commercial fertilizer ..... farms, 1997..	108	47	132	234	656	60	26
..... 1992..	81	24	141	185	658	85	20	801
acres on which used, 1997..	22 885	8 723	34 382	43 569	74 330	850	1 252	151 404
..... 1992..	16 521	9 655	30 008	54 608	81 163	1 357	935	157 668
Cropland fertilized, except pastureland ..... farms, 1997..	76	39	98	198	444	54	26	543
..... 1992..	47	24	123	121	499	73	20	516
acres on which used, 1997..	13 418	6 133	26 963	33 060	42 951	649	1 252	116 586
..... 1992..	12 319	(D)	28 039	44 659	51 237	909	935	123 039
Pastureland and rangeland fertilized..... farms, 1997..	42	10	62	74	370	6	—	358
..... 1992..	36	7	38	79	364	27	—	402
acres on which used, 1997..	9 467	2 590	7 419	10 509	31 379	201	—	34 818
..... 1992..	4 202	(D)	1 969	9 949	29 926	448	—	34 629
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	34	15	63	27	70	12	4	109
..... 1992..	30	15	34	22	88	33	2	190
acres on which used, 1997..	7 746	2 024	16 577	10 383	6 492	312	(D)	41 379
..... 1992..	5 978	3 488	1 366	19 340	7 041	219	(D)	63 803
Nematodes in crops ..... farms, 1997..	—	—	14	2	23	2	—	5
..... 1992..	2	—	4	9	17	—	—	6
acres on which used, 1997..	—	—	716	(D)	1 983	(D)	—	5 852
..... 1992..	(D)	—	(D)	6 723	966	—	—	5 565
Diseases in crops and orchards..... farms, 1997..	10	11	11	14	42	—	6	36
..... 1992..	5	15	6	16	103	1	8	29
acres on which used, 1997..	320	1 280	891	2 047	1 826	—	60	5 800
..... 1992..	1 241	2 973	1 330	5 906	11 634	(D)	123	1 313
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	70	29	90	82	272	22	22	306
..... 1992..	109	37	66	90	251	43	61	396
acres on which used, 1997..	31 334	6 292	21 716	31 397	27 925	3 505	2 697	83 035
..... 1992..	39 344	7 585	16 862	37 539	35 092	2 757	4 881	92 549
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	17	4	11	10	3	6	—	45
..... 1992..	18	2	12	3	6	—	—	107
acres on which used, 1997..	4 370	224	1 686	1 171	285	30	—	19 312
..... 1992..	2 845	(D)	1 630	1 582	6	—	—	31 557

**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	El Paso	Erath	Falls	Fannin	Fayette	Fisher	Floyd	Foard
	Commercial fertilizer ..... farms, 1997..	234	972	755	842	1 834	195	284
..... 1992..	274	977	758	741	1 738	156	307	105
acres on which used, 1997..	41 154	93 387	162 274	120 867	116 801	51 488	202 316	55 569
..... 1992..	31 254	89 695	182 285	117 676	135 612	38 672	167 174	45 715
Cropland fertilized, except pastureland ..... farms, 1997..	234	692	424	458	975	184	283	57
..... 1992..	266	681	482	476	1 099	131	300	105
acres on which used, 1997..	(D)	56 154	102 796	75 885	49 807	49 129	198 722	52 232
..... 1992..	31 200	53 379	108 383	87 651	41 917	35 584	165 941	40 953
Pastureland and rangeland fertilized..... farms, 1997..	1	510	492	474	1 184	18	16	26
..... 1992..	8	474	453	389	1 072	35	18	21
acres on which used, 1997..	(D)	37 233	59 478	44 982	66 994	2 359	3 594	3 337
..... 1992..	54	36 316	73 902	30 025	93 695	3 088	1 233	4 762
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	118	17	120	83	167	128	189	11
..... 1992..	97	82	203	74	81	44	188	19
acres on which used, 1997..	31 215	1 667	47 936	24 528	21 346	47 752	143 946	22 935
..... 1992..	18 738	3 901	56 206	27 779	9 433	13 543	89 301	6 563
Nematodes in crops ..... farms, 1997..	10	22	9	—	18	1	39	1
..... 1992..	—	26	10	1	24	1	30	—
acres on which used, 1997..	562	1 212	2 987	—	2 560	(D)	27 967	(D)
..... 1992..	—	2 457	4 394	(D)	1 820	(D)	11 554	—
Diseases in crops and orchards..... farms, 1997..	14	7	25	33	32	2	24	2
..... 1992..	20	83	34	30	42	1	25	6
acres on which used, 1997..	1 448	395	2 836	8 326	515	(D)	13 855	(D)
..... 1992..	3 455	7 025	3 035	6 031	488	(D)	6 179	462
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	71	348	422	300	900	151	226	27
..... 1992..	104	293	339	338	892	181	251	51
acres on which used, 1997..	26 884	29 242	104 220	71 049	71 310	78 444	200 016	18 641
..... 1992..	16 796	32 752	83 722	61 447	85 813	64 325	158 553	17 304
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	21	3	30	11	8	65	116	1
..... 1992..	5	—	29	3	—	51	63	10
acres on which used, 1997..	4 649	265	3 518	1 235	10 540	21 321	54 482	(D)
..... 1992..	767	—	8 918	(D)	—	10 695	11 369	3 805

  

Chemicals used	Fort Bend	Franklin	Freestone	Frio	Gaines	Galveston	Garza	Gillespie
	Commercial fertilizer ..... farms, 1997..	701	270	699	160	453	196	65
..... 1992..	721	272	747	218	519	164	90	744
acres on which used, 1997..	112 670	22 573	56 825	60 935	359 831	8 971	19 073	47 024
..... 1992..	111 842	25 060	66 802	58 881	316 696	6 981	21 237	45 248
Cropland fertilized, except pastureland ..... farms, 1997..	483	183	403	131	439	102	58	538
..... 1992..	552	190	449	194	502	64	87	627
acres on which used, 1997..	104 107	11 841	18 113	52 772	352 500	5 269	16 858	33 470
..... 1992..	99 107	10 312	17 343	49 809	313 321	3 484	20 520	32 132
Pastureland and rangeland fertilized..... farms, 1997..	277	110	420	43	17	130	9	311
..... 1992..	210	113	365	44	22	108	9	271
acres on which used, 1997..	8 563	10 732	38 712	8 163	7 331	3 702	2 215	13 554
..... 1992..	12 735	14 748	49 459	9 072	3 375	3 497	717	13 116
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	260	14	53	27	291	21	23	106
..... 1992..	306	17	82	69	267	22	19	92
acres on which used, 1997..	78 409	952	2 300	20 609	208 883	1 814	6 200	4 046
..... 1992..	79 952	412	3 629	27 430	148 933	1 573	6 596	5 682
Nematodes in crops ..... farms, 1997..	37	—	3	3	146	—	—	—
..... 1992..	44	—	1	17	99	1	10	2
acres on which used, 1997..	16 879	—	21	(D)	83 641	—	—	—
..... 1992..	11 982	—	(D)	3 743	59 388	(D)	395	(D)
Diseases in crops and orchards..... farms, 1997..	84	3	7	31	82	1	5	49
..... 1992..	49	2	44	74	59	(D)	1	38
acres on which used, 1997..	29 723	(D)	357	17 289	39 064	(D)	3 240	1 162
..... 1992..	7 284	(D)	1 115	22 875	25 563	598	(D)	1 314
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	392	48	192	97	272	82	81	338
..... 1992..	345	79	203	110	326	69	120	401
acres on which used, 1997..	97 466	6 105	31 709	34 559	218 054	10 036	37 889	17 856
..... 1992..	94 296	12 987	36 650	37 679	229 950	14 323	44 998	39 538
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	115	—	—	5	241	—	47	7
..... 1992..	215	—	9	11	319	2	29	8
acres on which used, 1997..	29 747	—	—	1 352	147 200	—	21 613	140
..... 1992..	39 498	—	90	2 726	157 361	(D)	5 232	(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	Glasscock	Goliad	Gonzales	Gray	Grayson	Gregg	Grimes	Guadalupe
	Commercial fertilizer ..... farms, 1997..	76	429	934	115	975	189	885
..... 1992..	84	359	797	119	886	148	793	961
acres on which used, 1997..	44 074	25 010	71 857	61 496	130 660	10 491	55 456	76 236
..... 1992..	43 882	39 282	66 188	60 706	149 920	5 334	58 336	85 179
Cropland fertilized, except pastureland ..... farms, 1997..	75	207	485	95	640	89	520	711
..... 1992..	79	187	427	105	590	83	509	672
acres on which used, 1997..	(D)	10 414	31 387	45 895	102 866	3 284	19 988	50 356
..... 1992..	43 511	11 001	20 421	54 544	116 220	1 824	22 624	62 822
Pastureland and rangeland fertilized..... farms, 1997..	1	289	560	38	489	112	504	468
..... 1992..	6	229	480	19	482	85	427	438
acres on which used, 1997..	(D)	14 596	40 470	15 601	27 794	7 207	35 468	25 880
..... 1992..	371	28 281	45 767	6 162	33 700	3 510	35 712	22 357
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	24	17	93	50	135	18	73	128
..... 1992..	58	15	59	26	110	10	30	128
acres on which used, 1997..	17 101	3 601	7 776	20 816	41 253	601	1 037	17 608
..... 1992..	27 097	3 282	4 689	7 537	43 348	163	(D)	17 701
Nematodes in crops ..... farms, 1997..	—	—	9	—	—	—	8	7
..... 1992..	4	—	1	—	7	—	1	7
acres on which used, 1997..	—	—	1 530	—	—	—	128	1 246
..... 1992..	372	—	(D)	—	960	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	2	7	17	—	20	5	24	54
..... 1992..	6	12	34	—	48	1	15	51
acres on which used, 1997..	(D)	147	1 203	—	3 242	15	207	1 169
..... 1992..	1 369	30	1 083	—	2 722	(D)	242	3 696
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	69	190	586	86	438	57	353	519
..... 1992..	95	277	610	106	393	51	224	508
acres on which used, 1997..	49 871	22 882	80 654	30 327	71 665	2 363	44 047	40 628
..... 1992..	47 628	41 238	63 463	38 898	65 094	2 801	33 682	42 624
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	56	1	4	2	17	—	1	—
..... 1992..	79	1	9	—	2	—	—	17
acres on which used, 1997..	41 234	(D)	70	(D)	2 099	—	(D)	—
..... 1992..	40 461	(D)	900	—	(D)	—	—	2 823
Chemicals used								
	Hale	Hall	Hamilton	Hansford	Hardeman	Hardin	Harris	Harrison
Commercial fertilizer ..... farms, 1997..	524	125	581	156	166	218	733	623
..... 1992..	590	115	464	152	138	172	689	643
acres on which used, 1997..	300 795	63 627	61 749	143 582	45 336	5 992	46 349	25 551
..... 1992..	284 126	48 672	56 576	124 245	68 011	4 639	50 436	34 174
Cropland fertilized, except pastureland ..... farms, 1997..	502	111	410	150	100	111	457	327
..... 1992..	578	115	326	152	137	121	453	374
acres on which used, 1997..	296 407	57 538	34 445	141 907	37 514	1 954	34 673	11 430
..... 1992..	283 187	(D)	29 170	(D)	65 719	2 752	38 568	16 004
Pastureland and rangeland fertilized..... farms, 1997..	34	21	292	11	81	132	373	370
..... 1992..	18	1	242	2	13	93	327	361
acres on which used, 1997..	4 388	6 089	27 304	1 675	7 822	4 038	11 676	14 121
..... 1992..	939	(D)	27 406	(D)	2 292	1 887	11 868	18 170
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	413	82	58	112	38	23	181	35
..... 1992..	268	71	54	121	32	40	109	24
acres on which used, 1997..	198 345	28 128	5 132	69 266	7 041	168	11 013	367
..... 1992..	104 045	16 574	6 184	59 958	14 339	870	14 894	2 310
Nematodes in crops ..... farms, 1997..	22	—	—	8	2	5	20	13
..... 1992..	19	—	—	4	3	1	12	7
acres on which used, 1997..	10 832	—	—	924	(D)	5	1 742	65
..... 1992..	4 788	—	—	3 072	190	(D)	1 777	7
Diseases in crops and orchards..... farms, 1997..	63	3	11	6	8	20	65	2
..... 1992..	48	3	17	3	3	11	68	15
acres on which used, 1997..	17 448	(D)	560	2 723	(D)	116	5 839	(D)
..... 1992..	13 274	711	601	(D)	(D)	117	7 632	48
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	456	141	190	150	81	32	275	142
..... 1992..	464	125	154	135	66	29	277	137
acres on which used, 1997..	260 798	65 079	27 286	131 321	20 037	1 346	34 395	6 730
..... 1992..	230 784	67 367	11 441	75 811	41 141	526	33 312	16 502
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	239	38	6	3	14	—	6	—
..... 1992..	19	23	—	1	9	—	18	2
acres on which used, 1997..	62 510	10 289	300	(D)	898	—	810	—
..... 1992..	6 694	6 145	—	(D)	3 244	—	334	(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	Hartley	Haskell	Hays	Hemphill	Henderson	Hidalgo	Hill	Hockley
	Commercial fertilizer ..... farms, 1997..	132	274	230	76	1 128	742	972
..... 1992..	159	254	224	67	1 014	807	985	374
acres on which used, 1997..	127 868	87 537	22 441	27 214	87 788	263 401	218 813	245 120
..... 1992..	127 317	94 252	21 909	29 299	95 009	260 525	202 961	197 458
Cropland fertilized, except pastureland ..... farms, 1997..	132	258	174	68	586	665	655	337
..... 1992..	159	240	140	65	633	780	725	363
acres on which used, 1997..	(D)	79 708	16 895	20 421	33 939	260 023	189 582	243 967
..... 1992..	(D)	89 293	12 655	25 639	34 593	257 384	173 023	196 248
Pastureland and rangeland fertilized..... farms, 1997..	2	61	108	19	694	122	476	13
..... 1992..	2	51	107	11	551	66	444	15
acres on which used, 1997..	(D)	7 829	5 546	6 793	53 849	3 378	29 231	1 153
..... 1992..	(D)	4 959	9 254	3 660	60 416	3 141	29 938	1 210
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	99	225	35	11	79	505	181	189
..... 1992..	89	93	42	10	94	603	243	117
acres on which used, 1997..	71 124	94 517	6 471	1 445	3 327	164 140	88 683	125 989
..... 1992..	50 169	23 635	6 097	93	2 755	200 551	86 245	56 229
Nematodes in crops ..... farms, 1997..	4	2	14	—	7	115	3	126
..... 1992..	1	12	1	—	19	109	2	83
acres on which used, 1997..	3 121	(D)	23	—	14	15 707	3 822	67 006
..... 1992..	(D)	4 232	(D)	—	119	18 882	(D)	48 186
Diseases in crops and orchards..... farms, 1997..	9	44	22	—	1	249	89	12
..... 1992..	5	15	17	—	56	279	56	43
acres on which used, 1997..	6 289	21 250	334	—	(D)	59 334	26 890	11 375
..... 1992..	2 569	4 537	61	—	772	49 960	6 362	20 737
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	100	193	105	37	236	457	479	241
..... 1992..	112	202	64	56	274	557	546	338
acres on which used, 1997..	82 196	85 362	8 764	12 138	23 239	183 118	134 169	175 773
..... 1992..	59 501	75 234	9 378	22 476	31 177	192 360	120 309	183 326
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	6	77	4	—	9	123	69	185
..... 1992..	2	57	2	—	2	201	100	97
acres on which used, 1997..	2 090	34 663	419	—	9	61 426	17 046	95 541
..... 1992..	(D)	18 694	(D)	—	(D)	88 567	18 274	22 571
Chemicals used								
Commercial fertilizer ..... farms, 1997..	477	1 012	903	95	59	1 076	64	22
..... 1992..	381	1 110	882	186	45	943	70	28
acres on which used, 1997..	38 170	76 116	76 459	73 783	26 390	105 536	66 398	290
..... 1992..	34 440	80 627	75 441	70 702	18 439	78 498	44 101	1 058
Cropland fertilized, except pastureland ..... farms, 1997..	277	653	512	95	55	482	63	17
..... 1992..	245	780	590	171	45	618	64	26
acres on which used, 1997..	21 078	43 910	30 476	(D)	26 145	66 445	(D)	211
..... 1992..	19 046	49 126	32 876	70 408	(D)	52 516	43 972	864
Pastureland and rangeland fertilized..... farms, 1997..	299	499	516	1	6	692	2	8
..... 1992..	204	469	408	25	1	426	6	5
acres on which used, 1997..	17 092	32 206	45 983	(D)	245	39 091	(D)	79
..... 1992..	15 394	31 501	42 565	294	(D)	25 982	129	194
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	4	36	104	41	36	130	39	10
..... 1992..	33	95	90	78	22	122	24	18
acres on which used, 1997..	(D)	2 327	6 030	24 901	11 578	20 308	23 858	807
..... 1992..	4 046	5 164	9 958	21 177	10 395	23 452	11 566	575
Nematodes in crops ..... farms, 1997..	—	1	—	3	5	—	1	—
..... 1992..	—	3	9	8	1	3	—	—
acres on which used, 1997..	—	(D)	—	(D)	562	—	(D)	—
..... 1992..	—	540	800	8	(D)	(D)	—	—
Diseases in crops and orchards..... farms, 1997..	16	8	9	1	6	17	2	—
..... 1992..	37	19	52	8	5	39	4	8
acres on which used, 1997..	(D)	123	(D)	(D)	600	(D)	(D)	—
..... 1992..	4 462	69	3 489	8	2 066	2 021	1 833	61
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	199	223	221	131	31	328	50	12
..... 1992..	201	210	256	142	36	283	61	27
acres on which used, 1997..	21 355	17 330	24 139	86 820	8 364	41 489	34 951	2 088
..... 1992..	17 365	20 286	50 906	71 653	10 972	39 478	25 431	5 122
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	8	4	7	60	9	11	—	1
..... 1992..	9	19	19	44	17	25	2	1
acres on which used, 1997..	1 287	(D)	7	30 890	1 186	3 957	—	(D)
..... 1992..	369	363	3 669	18 099	2 603	6 561	(D)	(D)
Chemicals used								
Commercial fertilizer ..... farms, 1997..	477	1 012	903	95	59	1 076	64	22
..... 1992..	381	1 110	882	186	45	943	70	28
acres on which used, 1997..	38 170	76 116	76 459	73 783	26 390	105 536	66 398	290
..... 1992..	34 440	80 627	75 441	70 702	18 439	78 498	44 101	1 058
Cropland fertilized, except pastureland ..... farms, 1997..	277	653	512	95	55	482	63	17
..... 1992..	245	780	590	171	45	618	64	26
acres on which used, 1997..	21 078	43 910	30 476	(D)	26 145	66 445	(D)	211
..... 1992..	19 046	49 126	32 876	70 408	(D)	52 516	43 972	864
Pastureland and rangeland fertilized..... farms, 1997..	299	499	516	1	6	692	2	8
..... 1992..	204	469	408	25	1	426	6	5
acres on which used, 1997..	17 092	32 206	45 983	(D)	245	39 091	(D)	79
..... 1992..	15 394	31 501	42 565	294	(D)	25 982	129	194
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	4	36	104	41	36	130	39	10
..... 1992..	33	95	90	78	22	122	24	18
acres on which used, 1997..	(D)	2 327	6 030	24 901	11 578	20 308	23 858	807
..... 1992..	4 046	5 164	9 958	21 177	10 395	23 452	11 566	575
Nematodes in crops ..... farms, 1997..	—	1	—	3	5	—	1	—
..... 1992..	—	3	9	8	1	3	—	—
acres on which used, 1997..	—	(D)	—	(D)	562	—	(D)	—
..... 1992..	—	540	800	8	(D)	(D)	—	—
Diseases in crops and orchards..... farms, 1997..	16	8	9	1	6	17	2	—
..... 1992..	37	19	52	8	5	39	4	8
acres on which used, 1997..	(D)	123	(D)	(D)	600	(D)	(D)	—
..... 1992..	4 462	69	3 489	8	2 066	2 021	1 833	61
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	199	223	221	131	31	328	50	12
..... 1992..	201	210	256	142	36	283	61	27
acres on which used, 1997..	21 355	17 330	24 139	86 820	8 364	41 489	34 951	2 088
..... 1992..	17 365	20 286	50 906	71 653	10 972	39 478	25 431	5 122
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	8	4	7	60	9	11	—	1
..... 1992..	9	19	19	44	17	25	2	1
acres on which used, 1997..	1 287	(D)	7	30 890	1 186	3 957	—	(D)
..... 1992..	369	363	3 669	18 099	2 603	6 561	(D)	(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	Jack	Jackson	Jasper	Jeff Davis	Jefferson	Jim Hogg	Jim Wells	Johnson
	Commercial fertilizer ..... farms, 1997..	339	419	411	7	325	16	292
..... farms, 1992..	226	354	365	7	264	25	302	992
acres on which used, 1997..	25 268	145 352	8 051	325	46 908	1 426	113 226	91 540
..... farms, 1992..	15 337	138 997	10 824	171	46 109	3 496	127 958	87 844
Cropland fertilized, except pastureland ..... farms, 1997..	225	289	267	7	249	11	199	737
..... farms, 1992..	157	272	216	6	186	10	151	652
acres on which used, 1997..	14 778	133 313	4 393	325	41 882	456	98 952	68 081
..... farms, 1992..	9 581	121 903	4 239	(D)	36 546	1 896	109 031	60 260
Pastureland and rangeland fertilized..... farms, 1997..	167	165	211	—	101	5	108	553
..... farms, 1992..	121	131	210	1	109	16	191	479
acres on which used, 1997..	10 490	12 039	3 658	—	5 026	970	14 274	23 459
..... farms, 1992..	5 756	17 094	6 585	(D)	9 563	1 600	18 927	27 584
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	7	168	59	3	39	—	84	53
..... farms, 1992..	22	161	38	7	48	9	80	109
acres on which used, 1997..	216	100 184	631	70	14 191	—	33 836	10 000
..... farms, 1992..	400	82 997	584	116	9 594	(D)	58 370	18 801
Nematodes in crops ..... farms, 1997..	—	22	6	1	—	—	12	4
..... farms, 1992..	—	26	—	—	—	—	2	1
acres on which used, 1997..	—	17 147	6	(D)	—	—	4 475	2 529
..... farms, 1992..	—	22 473	—	—	—	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	1	38	28	1	27	—	28	25
..... farms, 1992..	—	89	26	1	25	1	8	27
acres on which used, 1997..	(D)	13 975	46	(D)	5 106	—	1 663	5 589
..... farms, 1992..	—	21 080	54	(D)	3 780	(D)	6 351	1 141
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	135	285	114	3	189	18	170	439
..... farms, 1992..	94	299	53	13	163	20	164	423
acres on which used, 1997..	10 081	121 096	1 665	930	39 340	4 426	66 904	41 820
..... farms, 1992..	14 799	115 994	2 408	(D)	33 870	1 154	95 923	45 850
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	8	77	—	—	14	—	15	28
..... farms, 1992..	—	73	9	2	21	—	32	3
acres on which used, 1997..	100	20 460	—	—	4 462	—	7 007	3 979
..... farms, 1992..	—	21 652	41	(D)	711	—	11 671	383
Chemicals used								
	Jones	Karnes	Kaufman	Kendall	Kenedy	Kent	Kerr	Kimble
Commercial fertilizer ..... farms, 1997..	353	586	848	297	3	40	244	65
..... farms, 1992..	331	630	855	233	2	35	206	87
acres on which used, 1997..	88 187	54 520	74 473	13 772	(D)	8 146	7 824	8 745
..... farms, 1992..	67 353	61 124	78 607	10 098	(D)	7 730	11 490	6 967
Cropland fertilized, except pastureland ..... farms, 1997..	283	378	501	208	1	31	201	43
..... farms, 1992..	276	425	505	191	1	33	155	68
acres on which used, 1997..	78 255	26 306	37 637	8 302	(D)	4 982	6 028	3 561
..... farms, 1992..	58 616	28 971	44 397	7 719	(D)	7 260	8 546	3 707
Pastureland and rangeland fertilized..... farms, 1997..	101	309	425	145	2	10	77	25
..... farms, 1992..	104	307	426	58	1	6	69	26
acres on which used, 1997..	9 932	28 214	36 836	5 470	(D)	3 164	1 796	5 184
..... farms, 1992..	8 737	32 153	34 210	2 379	(D)	470	2 944	3 260
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	148	40	67	3	1	5	29	11
..... farms, 1992..	75	39	49	10	—	9	30	16
acres on which used, 1997..	73 080	8 018	2 516	(D)	(D)	415	285	172
..... farms, 1992..	14 788	4 637	4 368	(D)	—	1 536	1 331	212
Nematodes in crops ..... farms, 1997..	8	1	8	—	—	—	7	—
..... farms, 1992..	2	9	1	—	—	—	—	—
acres on which used, 1997..	232	(D)	48	—	—	—	21	—
..... farms, 1992..	(D)	(D)	(D)	—	—	(D)	—	—
Diseases in crops and orchards..... farms, 1997..	1	5	18	1	—	1	16	9
..... farms, 1992..	1	17	45	7	—	—	23	2
acres on which used, 1997..	(D)	300	421	(D)	—	(D)	84	1 365
..... farms, 1992..	(D)	348	727	7	—	—	135	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	240	385	205	157	2	38	119	35
..... farms, 1992..	255	238	247	98	5	62	82	44
acres on which used, 1997..	77 955	42 111	25 480	14 487	(D)	14 025	5 366	2 249
..... farms, 1992..	102 647	28 864	24 145	6 014	2 276	38 437	10 198	4 670
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	66	14	34	18	—	3	16	—
..... farms, 1992..	48	—	6	1	—	6	—	—
acres on which used, 1997..	25 583	970	2 792	850	—	(D)	286	—
..... farms, 1992..	13 083	—	1 874	(D)	—	865	—	—

**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	King	Kinney	Kleberg	Knox	Lamar	Lamb	Lampasas	La Salle
	Commercial fertilizer ..... farms, 1997..	14	9	110	211	703	456	356
..... 1992..	12	21	92	186	744	513	318	25
acres on which used, 1997..	6 449	1 724	104 302	150 241	96 106	237 834	35 419	14 302
..... 1992..	5 024	3 416	95 335	110 905	108 173	214 668	22 400	16 203
Cropland fertilized, except pastureland ..... farms, 1997..	8	7	53	192	310	433	272	46
..... 1992..	12	11	64	174	436	485	251	12
acres on which used, 1997..	3 293	1 259	83 987	119 141	55 407	234 560	20 939	12 811
..... 1992..	(D)	1 226	87 919	106 014	63 079	208 627	15 971	15 743
Pastureland and rangeland fertilized..... farms, 1997..	9	3	67	44	483	35	127	21
..... 1992..	2	10	34	26	428	38	104	13
acres on which used, 1997..	3 156	465	20 315	31 100	40 699	3 274	14 480	1 491
..... 1992..	(D)	2 190	7 416	4 891	45 094	6 041	6 429	460
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	4	1	26	116	70	286	65	8
..... 1992..	6	1	27	82	90	231	19	15
acres on which used, 1997..	2 050	(D)	80 872	74 978	16 470	155 032	6 506	1 735
..... 1992..	2 090	(D)	74 258	31 366	25 472	76 712	2 156	(D)
Nematodes in crops ..... farms, 1997..	—	1	8	7	2	73	—	1
..... 1992..	1	—	1	2	10	65	—	—
acres on which used, 1997..	—	(D)	3 922	1 810	(D)	28 346	—	(D)
..... 1992..	(D)	—	(D)	(D)	(D)	17 535	—	—
Diseases in crops and orchards..... farms, 1997..	2	1	6	17	8	31	28	2
..... 1992..	—	1	3	21	20	29	59	13
acres on which used, 1997..	(D)	(D)	2 486	3 298	1 040	10 519	1 951	(D)
..... 1992..	—	(D)	341	6 783	866	6 401	1 119	433
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	5	7	57	77	349	354	150	48
..... 1992..	14	21	51	80	263	396	126	38
acres on which used, 1997..	17 725	3 127	87 155	51 573	63 289	205 338	13 879	14 726
..... 1992..	24 077	4 386	79 473	38 388	79 931	177 191	7 711	19 265
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	1	12	38	20	168	—	—
..... 1992..	2	1	15	49	28	17	—	1
acres on which used, 1997..	—	(D)	34 951	10 179	175	75 839	—	—
..... 1992..	(D)	(D)	18 850	10 342	5 958	4 058	—	(D)
Chemicals used	Lavaca	Lee	Leon	Liberty	Limestone	Lipscomb	Live Oak	Llano
Commercial fertilizer ..... farms, 1997..	1 775	1 250	1 201	598	665	78	320	228
..... 1992..	1 685	1 000	1 167	505	712	88	269	189
acres on which used, 1997..	84 265	90 390	91 465	64 295	79 733	31 141	61 604	13 092
..... 1992..	91 172	76 999	93 081	54 129	80 382	39 316	50 396	7 313
Cropland fertilized, except pastureland ..... farms, 1997..	1 062	506	569	327	420	74	167	176
..... 1992..	986	589	654	289	449	84	134	139
acres on which used, 1997..	31 621	16 622	28 108	53 206	31 842	26 165	31 062	7 304
..... 1992..	36 944	21 489	30 696	45 941	38 660	36 479	30 518	3 107
Pastureland and rangeland fertilized..... farms, 1997..	1 002	956	785	297	371	14	216	79
..... 1992..	975	624	711	261	406	10	161	76
acres on which used, 1997..	52 644	73 768	63 357	11 089	47 891	4 976	30 542	5 788
..... 1992..	54 228	55 510	62 385	8 188	41 722	2 837	19 878	4 206
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	101	90	143	51	17	18	31	24
..... 1992..	91	93	51	98	70	3	28	30
acres on which used, 1997..	4 560	3 269	6 594	41 508	7 462	12 118	6 390	200
..... 1992..	4 144	4 345	602	35 596	14 533	(D)	4 849	237
Nematodes in crops ..... farms, 1997..	—	—	—	—	—	—	7	—
..... 1992..	2	14	6	—	—	—	1	—
acres on which used, 1997..	—	—	—	—	—	—	4 200	—
..... 1992..	(D)	381	12	—	—	—	(D)	—
Diseases in crops and orchards..... farms, 1997..	36	26	30	30	9	—	16	9
..... 1992..	55	52	19	35	17	—	11	16
acres on which used, 1997..	2 498	974	1 357	7 007	724	—	1 460	79
..... 1992..	2 783	3 571	127	10 753	742	—	524	450
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	869	581	406	154	276	21	254	122
..... 1992..	1 011	562	385	154	203	52	202	92
acres on which used, 1997..	56 862	55 679	48 275	55 823	55 355	16 334	57 218	8 049
..... 1992..	62 508	54 733	39 152	51 991	43 981	14 017	50 873	4 422
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	—	14	10	3	—	2	2
..... 1992..	9	21	15	2	11	—	12	6
acres on which used, 1997..	—	—	167	20	898	—	(D)	(D)
..... 1992..	90	780	762	(D)	2 776	—	1 033	48

**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	Loving	Lubbock	Lynn	McCulloch	McLennan	McMullen	Madison	Marion
	Commercial fertilizer ..... farms, 1997..	—	593	276	223	1 143	30	502
..... farms, 1992..	—	517	245	149	1 119	35	491	109
acres on which used, 1997..	—	256 703	183 692	61 780	205 618	6 217	28 801	4 152
..... acres on which used, 1992..	—	184 250	140 225	53 941	185 924	7 741	49 544	5 651
Cropland fertilized, except pastureland ..... farms, 1997..	—	556	276	151	775	12	272	52
..... farms, 1992..	—	486	245	130	824	19	270	77
acres on which used, 1997..	—	251 097	(D)	40 231	147 609	2 924	12 481	1 577
..... acres on which used, 1992..	—	182 368	(D)	49 285	152 485	3 751	12 290	2 936
Pastureland and rangeland fertilized..... farms, 1997..	—	63	1	132	633	19	301	58
..... farms, 1992..	—	42	2	39	493	24	285	47
acres on which used, 1997..	—	5 606	(D)	21 549	58 009	3 293	16 320	2 575
..... acres on which used, 1992..	—	1 882	(D)	4 656	33 439	3 990	37 254	2 715
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	—	310	147	14	157	1	40	13
..... farms, 1992..	—	274	173	29	194	—	36	—
acres on which used, 1997..	—	136 699	65 751	7 082	50 118	(D)	887	227
..... acres on which used, 1992..	—	81 606	60 634	12 797	53 250	—	1 167	—
Nematodes in crops ..... farms, 1997..	—	59	27	2	—	—	1	—
..... farms, 1992..	—	67	25	—	10	—	2	1
acres on which used, 1997..	—	17 932	9 907	(D)	—	—	(D)	—
..... acres on which used, 1992..	—	24 772	9 366	—	4 448	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	—	35	2	7	36	—	3	—
..... farms, 1992..	—	56	33	29	28	—	2	—
acres on which used, 1997..	—	10 511	(D)	6 125	11 091	—	87	—
..... acres on which used, 1992..	—	8 669	7 459	2 626	2 808	—	(D)	—
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	—	470	262	104	583	33	177	30
..... farms, 1992..	—	483	300	102	455	40	203	34
acres on which used, 1997..	—	256 164	207 334	22 256	141 030	12 584	21 293	3 299
..... acres on which used, 1992..	—	218 801	184 045	16 971	110 115	14 508	44 042	1 955
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	262	148	9	14	—	—	—
..... farms, 1992..	—	105	145	4	37	1	2	—
acres on which used, 1997..	—	133 431	89 675	3 250	6 272	—	—	—
..... acres on which used, 1992..	—	24 561	63 205	1 577	8 728	(D)	(D)	—
Chemicals used								
	Martin	Mason	Matagorda	Maverick	Medina	Menard	Midland	Milam
Commercial fertilizer ..... farms, 1997..	169	229	368	62	735	88	146	1 052
..... farms, 1992..	144	202	417	108	712	62	114	1 012
acres on which used, 1997..	126 449	27 643	111 166	9 625	123 199	6 552	24 873	187 160
..... acres on which used, 1992..	94 232	22 896	118 342	12 702	106 420	3 741	21 018	178 567
Cropland fertilized, except pastureland ..... farms, 1997..	164	116	272	58	514	55	130	569
..... farms, 1992..	144	143	347	96	515	50	85	617
acres on which used, 1997..	126 037	7 545	101 500	7 475	93 716	3 351	20 844	116 494
..... acres on which used, 1992..	(D)	9 980	108 116	11 033	84 695	2 801	18 484	104 922
Pastureland and rangeland fertilized..... farms, 1997..	14	170	118	9	339	43	25	716
..... farms, 1992..	1	105	118	13	284	12	38	649
acres on which used, 1997..	412	20 098	9 666	2 150	29 483	3 201	4 029	70 666
..... acres on which used, 1992..	(D)	12 916	10 226	1 669	21 725	940	2 534	73 645
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	76	54	178	28	202	2	40	191
..... farms, 1992..	42	43	196	59	133	13	46	192
acres on which used, 1997..	35 939	5 168	84 832	5 227	46 642	(D)	5 519	68 306
..... acres on which used, 1992..	13 568	3 199	78 519	5 852	28 245	600	8 728	53 381
Nematodes in crops ..... farms, 1997..	9	8	12	—	1	—	2	5
..... farms, 1992..	31	10	3	10	12	—	3	6
acres on which used, 1997..	4 689	360	2 661	—	(D)	—	(D)	6 324
..... acres on which used, 1992..	12 740	725	2 415	504	1 300	—	1 823	4 519
Diseases in crops and orchards..... farms, 1997..	3	34	52	26	58	9	—	49
..... farms, 1992..	—	51	74	54	57	6	16	50
acres on which used, 1997..	439	3 180	10 186	3 559	3 693	378	—	3 933
..... acres on which used, 1992..	—	3 456	16 201	5 220	4 413	105	1 507	3 225
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	145	111	292	27	476	66	92	535
..... farms, 1992..	155	167	317	68	382	41	82	554
acres on which used, 1997..	95 841	10 407	118 529	7 237	66 208	11 683	42 949	114 760
..... acres on which used, 1992..	83 731	19 053	119 842	7 588	57 669	7 927	22 379	95 607
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	104	—	68	1	16	—	24	32
..... farms, 1992..	141	—	91	1	42	—	42	106
acres on which used, 1997..	51 022	—	24 792	(D)	2 468	—	9 439	8 198
..... acres on which used, 1992..	56 835	—	26 331	(D)	5 012	—	15 901	18 997

**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	Mills	Mitchell	Montague	Montgomery	Moore	Morris	Motley	Nacogdoches
	Commercial fertilizer ..... farms, 1997..	352	119	755	602	126	192	57
..... 1992..	285	80	619	446	161	222	68	590
acres on which used, 1997..	35 218	32 704	60 221	18 777	132 778	8 361	28 846	30 934
..... 1992..	33 502	39 236	61 686	12 162	130 068	9 933	26 870	27 314
Cropland fertilized, except pastureland ..... farms, 1997..	263	95	453	315	126	138	47	356
..... 1992..	231	79	364	240	159	144	66	342
acres on which used, 1997..	21 437	28 694	28 265	9 258	132 180	5 406	24 306	11 617
..... 1992..	23 250	38 631	33 424	4 519	129 303	5 893	26 040	9 837
Pastureland and rangeland fertilized..... farms, 1997..	181	28	427	356	3	62	17	353
..... 1992..	121	8	354	247	4	96	5	324
acres on which used, 1997..	13 781	4 010	31 956	9 519	598	2 955	4 540	19 317
..... 1992..	10 252	605	28 262	7 643	765	4 040	830	17 477
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	21	83	60	30	98	11	27	63
..... 1992..	40	49	85	31	110	1	16	55
acres on which used, 1997..	(D)	32 285	1 796	207	82 849	756	9 642	2 606
..... 1992..	5 929	9 552	6 349	167	59 138	(D)	5 017	2 096
Nematodes in crops ..... farms, 1997..	1	1	—	—	5	—	—	—
..... 1992..	—	6	—	1	3	—	—	1
acres on which used, 1997..	(D)	(D)	—	—	2 243	—	—	—
..... 1992..	—	680	—	(D)	910	—	—	(D)
Diseases in crops and orchards..... farms, 1997..	37	—	36	12	4	—	7	11
..... 1992..	40	7	52	18	11	1	2	1
acres on which used, 1997..	3 702	—	435	151	3 146	—	906	60
..... 1992..	4 657	3 495	4 552	73	4 665	(D)	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	96	97	330	147	121	40	63	234
..... 1992..	100	115	245	127	134	37	67	273
acres on which used, 1997..	11 580	30 386	28 422	3 493	93 116	3 073	38 160	14 022
..... 1992..	12 317	54 060	30 021	1 698	78 872	1 675	37 054	14 116
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	39	—	8	23	—	13	9
..... 1992..	2	47	12	7	17	—	6	7
acres on which used, 1997..	—	6 085	—	14	5 796	—	3 282	9
..... 1992..	(D)	11 319	36	52	7 126	—	1 980	140
Chemicals used	Navarro	Newton	Nolan	Nueces	Ochiltree	Oldham	Orange	Palo Pinto
Commercial fertilizer ..... farms, 1997..	716	208	85	353	216	29	160	452
..... 1992..	749	167	62	323	224	35	154	339
acres on which used, 1997..	94 227	5 214	20 198	297 383	161 661	17 326	10 560	32 024
..... 1992..	118 679	7 317	17 002	284 794	153 990	19 278	5 769	26 854
Cropland fertilized, except pastureland ..... farms, 1997..	381	129	75	328	216	29	56	298
..... 1992..	395	81	54	317	223	35	90	216
acres on which used, 1997..	67 299	2 959	18 133	293 580	157 016	17 326	2 604	13 359
..... 1992..	68 636	2 194	15 585	281 729	153 027	(D)	2 020	11 872
Pastureland and rangeland fertilized..... farms, 1997..	406	112	18	54	18	—	121	254
..... 1992..	417	112	11	15	6	1	64	193
acres on which used, 1997..	26 928	2 255	2 065	3 803	4 645	—	7 956	18 665
..... 1992..	50 043	5 123	1 417	3 065	963	(D)	3 749	14 982
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	115	25	73	183	95	16	13	19
..... 1992..	90	15	59	197	69	31	22	27
acres on which used, 1997..	38 008	282	35 138	179 477	38 361	4 728	78	998
..... 1992..	28 042	141	25 611	122 741	27 377	19 530	149	833
Nematodes in crops ..... farms, 1997..	17	—	—	4	3	—	—	—
..... 1992..	26	—	2	3	3	—	—	1
acres on which used, 1997..	1 768	—	—	4 120	850	—	—	—
..... 1992..	2 838	—	(D)	(D)	1 550	—	—	(D)
Diseases in crops and orchards..... farms, 1997..	16	5	—	13	—	2	4	1
..... 1992..	15	—	—	4	1	9	13	19
acres on which used, 1997..	1 132	10	—	3 675	(D)	(D)	28	(D)
..... 1992..	2 213	—	—	(D)	(D)	2 017	49	455
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	356	40	80	279	168	43	39	154
..... 1992..	297	25	129	224	148	65	35	103
acres on which used, 1997..	60 893	862	33 355	194 430	92 822	24 016	974	14 770
..... 1992..	60 572	451	58 845	203 793	63 135	29 423	750	8 198
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	44	5	22	104	—	4	—	1
..... 1992..	41	—	43	123	40	1	—	1
acres on which used, 1997..	13 804	75	8 221	59 982	—	2 630	—	(D)
..... 1992..	12 631	—	17 189	46 677	7 444	(D)	—	(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	Panola	Parker	Parmer	Pecos	Polk	Potter	Presidio	Rains
	Commercial fertilizer ..... farms, 1997..	452	1 369	416	38	343	27	15
..... farms, 1992..	453	1 110	476	44	315	21	17	320
acres on which used, 1997..	23 781	72 554	224 536	22 631	15 245	11 329	3 553	20 636
..... acres on which used, 1992..	32 649	52 289	222 791	13 846	12 363	5 347	4 597	23 427
Cropland fertilized, except pastureland ..... farms, 1997..	287	927	405	33	223	26	15	202
..... farms, 1992..	263	731	470	42	207	16	17	257
acres on which used, 1997..	12 324	35 710	223 135	19 130	7 269	(D)	(D)	9 132
..... acres on which used, 1992..	13 637	27 075	215 121	(D)	4 767	5 070	4 267	11 492
Pastureland and rangeland fertilized..... farms, 1997..	212	725	20	7	155	2	1	166
..... farms, 1992..	246	556	43	3	177	5	5	167
acres on which used, 1997..	11 457	36 844	1 401	3 501	7 976	(D)	(D)	11 504
..... acres on which used, 1992..	19 012	25 214	7 670	(D)	7 596	277	330	11 935
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	40	115	310	21	26	9	5	20
..... farms, 1992..	24	143	302	17	31	14	5	39
acres on which used, 1997..	1 268	1 760	153 193	10 313	347	2 148	1 497	416
..... acres on which used, 1992..	2 728	3 511	103 836	7 946	646	1 913	1 060	955
Nematodes in crops ..... farms, 1997..	—	14	44	—	—	—	1	8
..... farms, 1992..	1	10	70	7	—	—	1	2
acres on which used, 1997..	—	84	15 590	—	—	—	(D)	680
..... acres on which used, 1992..	(D)	39	18 814	664	—	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	23	74	42	2	18	2	1	14
..... farms, 1992..	4	100	40	3	15	3	1	7
acres on which used, 1997..	357	652	13 451	(D)	42	(D)	(D)	73
..... acres on which used, 1992..	(D)	1 339	6 068	(D)	50	(D)	(D)	7
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	115	409	275	20	55	31	9	38
..... farms, 1992..	119	439	367	49	32	53	13	40
acres on which used, 1997..	7 606	26 721	137 822	14 767	640	9 877	1 510	3 628
..... acres on which used, 1992..	10 882	26 493	168 746	16 151	1 486	9 270	5 191	2 397
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	14	100	11	12	—	—	1
..... farms, 1992..	6	11	21	5	2	—	—	1
acres on which used, 1997..	—	157	29 794	5 092	144	—	—	(D)
..... acres on which used, 1992..	6	15	2 580	1 137	(D)	—	(D)	(D)

  

Chemicals used	Randall	Reagan	Real	Red River	Reeves	Refugio	Roberts	Robertson
	Commercial fertilizer ..... farms, 1997..	107	27	42	516	43	118	19
..... farms, 1992..	147	27	34	583	52	128	29	731
acres on which used, 1997..	47 995	23 618	1 129	75 154	15 730	101 281	10 698	113 639
..... acres on which used, 1992..	58 711	17 076	1 203	61 229	8 840	85 046	13 509	115 006
Cropland fertilized, except pastureland ..... farms, 1997..	101	23	36	287	39	68	16	457
..... farms, 1992..	138	27	31	358	49	69	21	406
acres on which used, 1997..	(D)	23 457	1 039	45 177	14 173	74 898	9 579	50 829
..... acres on which used, 1992..	58 491	17 076	(D)	32 445	8 834	80 157	10 901	40 923
Pastureland and rangeland fertilized..... farms, 1997..	7	4	6	261	6	64	4	679
..... farms, 1992..	9	—	3	289	3	71	10	500
acres on which used, 1997..	(D)	161	90	29 977	1 557	26 383	1 119	62 810
..... acres on which used, 1992..	220	—	(D)	28 784	6	4 889	2 608	74 083
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	62	13	—	23	23	47	5	119
..... farms, 1992..	63	24	25	55	30	43	2	72
acres on which used, 1997..	18 864	10 804	—	12 768	6 580	56 002	1 292	32 546
..... acres on which used, 1992..	21 308	17 470	344	8 810	6 434	55 898	(D)	23 907
Nematodes in crops ..... farms, 1997..	1	—	—	3	2	5	—	16
..... farms, 1992..	3	—	3	2	4	1	—	6
acres on which used, 1997..	(D)	—	—	1 277	(D)	7 508	—	3 800
..... acres on which used, 1992..	(D)	—	27	(D)	349	(D)	—	4 338
Diseases in crops and orchards..... farms, 1997..	17	—	—	2	4	6	—	26
..... farms, 1992..	14	—	13	2	5	—	—	27
acres on which used, 1997..	2 410	—	—	(D)	513	12 047	—	4 552
..... acres on which used, 1992..	3 790	—	84	(D)	499	—	—	3 196
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	139	45	21	206	22	85	12	461
..... farms, 1992..	161	34	27	158	27	70	40	322
acres on which used, 1997..	54 378	29 226	1 732	57 130	5 999	55 492	7 176	76 286
..... acres on which used, 1992..	37 713	17 300	1 742	43 351	7 174	72 029	11 213	57 102
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	2	25	—	21	5	25	—	40
..... farms, 1992..	3	35	—	12	13	37	—	37
acres on which used, 1997..	(D)	19 600	—	6 860	1 538	15 057	—	9 742
..... acres on which used, 1992..	4	19 421	—	3 239	2 814	25 481	—	15 172

**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	Rockwall	Runnels	Rusk	Sabine	San Augustine	San Jacinto	San Patricio	San Saba
	Commercial fertilizer ..... farms, 1997..	130	377	630	111	165	216	296
..... farms, 1992..	105	337	758	139	162	183	363	313
acres on which used, 1997..	20 229	93 503	45 671	4 555	7 356	11 152	233 908	28 079
..... farms, 1992..	16 655	71 812	35 669	7 214	6 208	9 428	199 791	39 127
Cropland fertilized, except pastureland ..... farms, 1997..	66	331	297	68	87	125	230	238
..... farms, 1992..	79	318	443	101	87	95	270	241
acres on which used, 1997..	16 572	88 487	18 170	2 226	3 426	5 421	227 792	23 730
..... farms, 1992..	15 810	69 599	15 658	4 833	1 685	3 402	194 032	28 144
Pastureland and rangeland fertilized..... farms, 1997..	78	111	409	52	94	119	84	96
..... farms, 1992..	33	35	421	38	103	111	124	118
acres on which used, 1997..	3 657	5 016	27 501	2 329	3 930	5 731	6 116	4 349
..... farms, 1992..	845	2 213	20 011	2 381	4 523	6 026	5 759	10 983
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	13	143	37	10	22	9	167	83
..... farms, 1992..	15	123	36	10	21	17	198	42
acres on which used, 1997..	8 437	44 516	1 873	354	655	68	144 675	9 325
..... farms, 1992..	5 581	48 451	435	549	214	327	109 697	4 907
Nematodes in crops ..... farms, 1997..	—	8	—	—	—	—	5	2
..... farms, 1992..	4	12	—	—	—	—	2	2
acres on which used, 1997..	—	2 364	—	—	—	—	1 600	(D)
..... farms, 1992..	44	421	—	—	—	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	3	10	19	1	5	7	21	69
..... farms, 1992..	1	15	—	10	2	17	1	48
acres on which used, 1997..	354	1 456	1 620	(D)	20	49	28 036	4 931
..... farms, 1992..	(D)	1 364	—	(D)	(D)	264	(D)	4 386
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	39	191	192	34	70	39	193	134
..... farms, 1992..	54	246	187	25	77	43	226	96
acres on which used, 1997..	17 269	45 650	6 571	1 620	5 647	1 485	163 497	21 447
..... farms, 1992..	13 228	74 800	8 267	718	4 063	1 103	139 878	15 202
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	1	48	—	—	5	7	98	—
..... farms, 1992..	—	73	—	—	—	1	168	8
acres on which used, 1997..	(D)	20 407	—	—	385	84	60 299	—
..... farms, 1992..	—	19 484	—	—	—	(D)	67 965	32

  

Chemicals used	Schleicher	Scurry	Shackelford	Shelby	Sherman	Smith	Somervell	Starr
	Commercial fertilizer ..... farms, 1997..	28	120	121	518	174	1 222	171
..... farms, 1992..	35	157	78	474	161	1 150	97	42
acres on which used, 1997..	4 358	24 955	24 649	31 385	176 593	54 087	7 073	40 931
..... farms, 1992..	2 658	31 377	14 650	24 914	139 702	59 296	6 169	43 921
Cropland fertilized, except pastureland ..... farms, 1997..	23	68	99	321	173	670	141	49
..... farms, 1992..	33	147	62	273	160	612	52	42
acres on which used, 1997..	4 108	21 442	19 366	12 956	173 433	18 338	3 810	39 113
..... farms, 1992..	(D)	27 119	7 562	7 633	(D)	26 202	3 187	(D)
Pastureland and rangeland fertilized..... farms, 1997..	5	56	35	267	8	742	94	6
..... farms, 1992..	2	19	19	229	3	698	73	1
acres on which used, 1997..	250	3 513	5 283	18 429	3 160	35 749	3 263	1 818
..... farms, 1992..	(D)	4 258	7 088	17 281	(D)	33 094	2 982	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	7	66	29	51	134	83	5	21
..... farms, 1992..	13	49	3	83	117	123	1	34
acres on which used, 1997..	1 876	28 848	5 435	1 827	92 522	810	75	16 886
..... farms, 1992..	1 651	11 721	1 433	1 939	66 766	11 797	(D)	18 448
Nematodes in crops ..... farms, 1997..	—	—	—	—	7	7	—	4
..... farms, 1992..	—	—	—	1	1	10	—	2
acres on which used, 1997..	—	—	—	—	5 313	170	—	4 607
..... farms, 1992..	—	—	—	(D)	(D)	567	—	(D)
Diseases in crops and orchards..... farms, 1997..	—	—	6	7	16	42	—	5
..... farms, 1992..	1	17	—	17	11	76	17	12
acres on which used, 1997..	—	—	366	118	8 570	438	—	7 818
..... farms, 1992..	(D)	507	—	664	5 262	1 074	1 448	6 737
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	42	125	58	205	151	286	50	47
..... farms, 1992..	40	183	33	238	144	254	52	21
acres on which used, 1997..	7 091	50 129	9 557	18 732	110 518	14 004	1 854	35 209
..... farms, 1992..	7 914	52 718	8 584	22 494	75 588	13 271	3 439	37 498
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	37	2	9	25	9	—	5
..... farms, 1992..	6	69	1	2	12	3	—	7
acres on which used, 1997..	—	9 691	(D)	110	5 038	36	—	2 427
..... farms, 1992..	1 204	11 242	(D)	(D)	2 860	(D)	—	6 557

**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	Stephens	Sterling	Stonewall	Sutton	Swisher	Tarrant	Taylor	Terrell
	Commercial fertilizer ..... farms, 1997..	119	7	58	14	232	449	372
..... farms, 1992..	115	2	77	14	260	382	333	5
acres on which used, 1997..	8 239	1 379	17 278	1 240	121 614	33 822	41 264	2 020
..... farms, 1992..	10 422	(D)	12 785	1 470	113 548	32 503	53 003	(D)
Cropland fertilized, except pastureland ..... farms, 1997..	81	6	37	13	223	308	319	5
..... farms, 1992..	107	2	65	14	257	241	299	5
acres on which used, 1997..	4 257	(D)	12 918	748	120 464	29 606	39 646	(D)
..... farms, 1992..	8 825	(D)	11 633	1 270	110 716	25 091	51 162	(D)
Pastureland and rangeland fertilized..... farms, 1997..	52	1	29	5	29	210	88	1
..... farms, 1992..	9	—	12	5	15	167	45	—
acres on which used, 1997..	3 982	(D)	4 360	492	1 150	4 216	1 618	(D)
..... farms, 1992..	1 597	—	1 152	200	2 832	7 412	1 841	—
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	1	1	26	6	147	29	87	—
..... farms, 1992..	3	1	14	3	151	33	37	3
acres on which used, 1997..	(D)	(D)	9 895	42	82 805	515	26 756	—
..... farms, 1992..	115	(D)	2 127	376	55 458	6 265	17 292	22
Nematodes in crops ..... farms, 1997..	—	—	—	—	7	1	—	—
..... farms, 1992..	—	—	—	—	8	1	—	—
acres on which used, 1997..	—	—	—	—	3 579	(D)	—	—
..... farms, 1992..	—	—	—	—	3 643	(D)	—	—
Diseases in crops and orchards..... farms, 1997..	—	—	—	4	15	8	1	—
..... farms, 1992..	8	1	2	1	23	14	4	3
acres on which used, 1997..	—	—	—	312	1 972	8	(D)	—
..... farms, 1992..	32	(D)	(D)	(D)	5 060	104	(D)	22
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	37	4	31	29	182	213	163	3
..... farms, 1992..	31	24	55	50	230	195	125	22
acres on which used, 1997..	7 109	(D)	15 486	4 000	101 360	11 685	33 478	(D)
..... farms, 1992..	6 206	13 684	16 737	10 871	93 476	15 520	30 466	5 403
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	1	7	1	50	8	26	—
..... farms, 1992..	—	1	3	1	7	10	6	—
acres on which used, 1997..	—	(D)	1 308	(D)	15 567	8	5 376	—
..... farms, 1992..	—	(D)	333	(D)	1 633	70	6 515	—

  

Chemicals used	Terry	Throckmorton	Titus	Tom Green	Travis	Trinity	Tyler	Upshur
	Commercial fertilizer ..... farms, 1997..	364	124	349	244	497	361	265
..... farms, 1992..	369	111	404	326	438	412	252	654
acres on which used, 1997..	250 654	60 382	18 699	69 871	58 320	25 350	9 447	34 578
..... farms, 1992..	212 595	52 070	16 781	48 531	58 302	19 215	10 606	36 190
Cropland fertilized, except pastureland ..... farms, 1997..	356	116	204	202	295	211	88	342
..... farms, 1992..	369	102	261	312	322	287	179	369
acres on which used, 1997..	250 463	58 010	8 779	67 772	42 821	7 396	2 244	16 946
..... farms, 1992..	211 897	46 790	8 209	46 440	46 350	8 986	6 105	10 994
Pastureland and rangeland fertilized..... farms, 1997..	11	20	184	51	301	215	184	428
..... farms, 1992..	11	23	177	29	165	172	135	355
acres on which used, 1997..	191	2 372	9 920	2 099	15 499	17 954	7 203	17 632
..... farms, 1992..	698	5 280	8 572	2 091	11 952	10 229	4 501	25 196
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	254	25	8	190	133	17	13	23
..... farms, 1992..	205	21	40	183	121	15	16	59
acres on which used, 1997..	152 246	23 296	(D)	69 086	25 772	941	176	274
..... farms, 1992..	84 843	5 257	1 573	58 560	21 689	301	177	773
Nematodes in crops ..... farms, 1997..	167	—	—	3	—	—	—	—
..... farms, 1992..	144	—	—	3	9	—	—	—
acres on which used, 1997..	100 062	—	—	(D)	—	—	—	—
..... farms, 1992..	67 002	—	—	(D)	189	—	—	—
Diseases in crops and orchards..... farms, 1997..	68	—	—	17	25	—	—	—
..... farms, 1992..	41	4	25	21	20	1	1	28
acres on which used, 1997..	29 622	—	—	2 031	11 763	—	—	—
..... farms, 1992..	15 293	662	97	575	388	(D)	(D)	56
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	271	57	46	190	240	26	24	163
..... farms, 1992..	278	43	82	224	208	32	37	186
acres on which used, 1997..	203 107	18 625	4 543	82 416	21 920	2 108	1 105	16 825
..... farms, 1992..	142 915	16 050	17 706	93 217	39 504	3 723	6 755	16 589
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	219	—	1	83	14	—	—	1
..... farms, 1992..	127	8	—	148	52	—	—	1
acres on which used, 1997..	110 530	—	(D)	28 080	2 082	—	—	(D)
..... farms, 1992..	42 322	1 341	—	40 835	5 609	—	—	(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	1997 and 1992							
	Upton	Uvalde	Val Verde	Van Zandt	Victoria	Walker	Waller	Ward
Commercial fertilizer ..... farms, 1997..	22	212	68	1 663	509	617	494	12
1992..	35	238	29	1 479	564	448	475	15
acres on which used, 1997..	9 199	66 428	3 086	98 800	95 179	29 268	45 298	1 138
1992..	11 144	69 640	549	114 535	80 045	27 925	52 385	1 085
Cropland fertilized, except pastureland ..... farms, 1997..	16	158	50	843	284	311	306	11
1992..	34	201	22	782	282	299	303	15
acres on which used, 1997..	8 191	58 379	2 321	42 698	83 485	9 850	30 055	(D)
1992..	(D)	60 637	421	40 441	67 967	14 508	31 158	1 085
Pastureland and rangeland fertilized..... farms, 1997..	6	59	25	989	275	398	245	1
1992..	2	54	13	882	368	218	274	—
acres on which used, 1997..	1 008	8 049	765	56 102	11 694	19 418	15 243	(D)
1992..	(D)	9 003	128	74 094	12 078	13 417	21 227	—
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	15	75	11	161	89	40	105	2
1992..	17	97	—	131	130	47	37	8
acres on which used, 1997..	3 169	34 802	109	5 727	64 031	854	17 054	(D)
1992..	4 820	28 649	—	5 251	48 081	4 962	14 325	(D)
Nematodes in crops ..... farms, 1997..	—	3	—	51	1	6	15	1
1992..	—	7	—	7	10	—	2	1
acres on which used, 1997..	—	(D)	—	2 748	(D)	12	2 493	(D)
1992..	—	1 880	—	592	5 460	—	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	4	30	—	36	23	24	30	1
1992..	3	40	—	68	8	7	25	1
acres on which used, 1997..	63	4 521	—	314	4 529	157	3 264	(D)
1992..	(D)	5 672	—	2 719	3 919	14	6 167	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	12	85	34	346	411	142	211	13
1992..	31	123	32	353	406	138	137	14
acres on which used, 1997..	7 978	29 041	1 640	27 531	84 456	17 088	28 418	2 197
1992..	11 213	36 204	5 789	35 591	78 446	17 417	20 216	1 801
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	12	26	—	—	34	17	1	2
1992..	24	56	—	21	43	2	3	—
acres on which used, 1997..	6 718	6 725	—	—	8 505	205	(D)	(D)
1992..	8 646	8 274	—	305	15 456	(D)	(D)	—
Chemicals used	1997 and 1992							
	Washington	Webb	Wharton	Wheeler	Wichita	Wilbarger	Willacy	Williamson
Commercial fertilizer ..... farms, 1997..	1 332	36	868	170	301	299	177	1 132
1992..	1 265	23	883	255	334	359	173	1 195
acres on which used, 1997..	72 002	7 634	288 722	75 543	72 340	154 935	168 227	195 964
1992..	78 485	4 097	251 048	83 324	97 604	166 608	160 257	222 235
Cropland fertilized, except pastureland ..... farms, 1997..	761	32	597	103	241	257	149	830
1992..	798	14	712	197	287	298	173	959
acres on which used, 1997..	26 470	3 558	241 239	38 308	61 266	145 306	161 313	166 614
1992..	29 428	1 622	238 690	61 061	92 547	143 921	(D)	194 628
Pastureland and rangeland fertilized..... farms, 1997..	793	5	385	110	103	106	33	511
1992..	639	10	238	128	97	103	2	492
acres on which used, 1997..	45 532	4 076	47 483	37 235	11 074	9 629	6 914	29 350
1992..	49 057	2 475	12 358	22 263	5 057	22 687	(D)	27 607
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	25	2	382	9	42	119	127	321
1992..	47	5	457	5	54	111	157	500
acres on which used, 1997..	1 164	(D)	167 236	7 057	16 943	41 045	101 852	100 523
1992..	3 092	(D)	178 731	1 955	23 509	31 984	93 488	115 401
Nematodes in crops ..... farms, 1997..	—	—	13	1	1	—	12	38
1992..	1	—	33	—	2	—	7	26
acres on which used, 1997..	—	—	15 889	(D)	(D)	—	14 493	9 993
1992..	(D)	—	17 856	—	(D)	—	2 071	3 253
Diseases in crops and orchards..... farms, 1997..	24	—	117	1	1	10	4	52
1992..	11	1	195	1	6	12	4	82
acres on which used, 1997..	324	—	46 528	(D)	(D)	2 587	7 155	3 349
1992..	57	(D)	50 926	(D)	3 020	(D)	567	3 942
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	438	21	508	49	73	133	105	776
1992..	521	44	505	61	125	183	112	695
acres on which used, 1997..	28 578	4 768	189 541	15 449	29 664	57 231	132 586	147 375
1992..	51 457	12 078	174 288	15 653	21 338	72 771	114 015	127 737
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	17	—	121	—	8	19	68	129
1992..	3	1	159	3	9	67	142	277
acres on which used, 1997..	250	—	31 080	—	1 344	4 870	53 761	23 206
1992..	(D)	(D)	32 877	626	2 280	18 605	68 597	47 555



**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	Wilson	Winkler	Wise	Wood	Yoakum	Young	Zapata	Zavala
Commercial fertilizer ..... farms, 1997..	1 178	3	1 252	849	156	400	3	91
..... 1992..	978	4	1 150	835	178	287	32	69
acres on which used, 1997..	123 999	(D)	82 632	53 502	141 163	46 012	(D)	26 504
..... 1992..	113 842	31	75 047	41 476	141 117	68 138	10 849	28 670
Cropland fertilized, except pastureland ..... farms, 1997..	702	2	816	554	156	296	3	71
..... 1992..	643	3	825	503	165	258	18	60
acres on which used, 1997..	72 508	(D)	34 760	25 240	140 490	33 679	(D)	22 854
..... 1992..	60 900	12	47 642	22 626	132 689	65 284	3 321	26 935
Pastureland and rangeland fertilized..... farms, 1997..	712	1	708	439	8	169	—	20
..... 1992..	520	3	516	395	14	45	14	25
acres on which used, 1997..	51 491	(D)	47 872	28 262	673	12 333	—	3 650
..... 1992..	52 942	19	27 405	18 850	8 428	2 854	7 528	1 735
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	119	1	86	53	106	53	2	48
..... 1992..	95	2	128	72	89	20	4	39
acres on which used, 1997..	12 201	(D)	3 413	3 464	82 883	7 439	(D)	17 029
..... 1992..	15 978	(D)	8 847	2 335	59 038	8 783	3 126	14 570
Nematodes in crops ..... farms, 1997..	12	—	6	13	51	—	—	2
..... 1992..	30	—	—	15	15	—	—	3
acres on which used, 1997..	1 420	—	60	877	31 669	—	—	(D)
..... 1992..	2 046	—	—	1 535	11 732	—	—	1 421
Diseases in crops and orchards..... farms, 1997..	53	1	42	34	23	14	1	19
..... 1992..	57	2	54	49	28	10	2	19
acres on which used, 1997..	6 021	(D)	1 230	1 028	12 593	28	(D)	6 504
..... 1992..	8 414	(D)	1 961	552	11 493	1 031	(D)	7 246
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	769	5	462	179	113	144	5	58
..... 1992..	531	4	523	234	120	44	3	63
acres on which used, 1997..	70 664	(D)	44 395	13 879	100 739	12 749	481	17 533
..... 1992..	62 007	(D)	34 035	8 725	93 747	15 429	(D)	22 186
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	41	1	25	7	81	7	1	16
..... 1992..	12	—	—	9	74	4	1	23
acres on which used, 1997..	2 289	(D)	461	35	61 892	21	(D)	1 767
..... 1992..	1 638	—	—	(D)	42 702	4 833	(D)	5 960