

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

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

Item	Texas	Anderson	Andrews	Angelina	Aransas	Archer	Armstrong
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	98,573	978	44	417	23	218	104
1997	110,836	1,219	53	482	25	332	67
acres treated, 2002	19,113,597	72,389	12,622	17,763	1,086	66,152	46,251
1997	18,244,875	86,772	23,863	18,493	1,192	86,537	42,911
Cropland fertilized, except cropland pastured							
farms, 2002	62,411	400	43	163	11	194	101
1997	71,551	566	47	275	13	274	63
acres treated, 2002	13,742,856	18,270	12,106	9,659	97	43,624	44,832
1997	14,540,383	29,143	(D)	6,835	401	70,982	42,699
Pastureland and rangeland fertilized							
farms, 2002	54,264	732	5	278	14	66	11
1997	53,911	812	9	257	13	135	4
acres treated, 2002	5,370,741	54,119	516	8,104	989	22,528	1,419
1997	3,704,492	57,629	(D)	11,658	791	15,555	212
Manure							
farms, 2002	10,173	55	-	20	-	53	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	994,543	2,007	-	834	-	5,713	884
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects ²							
farms, 2002	27,709	135	18	93	4	50	13
1997	20,422	87	10	31	-	81	23
acres treated, 2002	7,230,112	3,812	7,205	5,573	20	13,094	6,487
1997	7,063,641	3,345	7,037	1,511	-	19,921	16,269
Weeds, grass, or brush							
farms, 2002	62,345	473	26	324	10	75	79
1997	50,875	432	15	103	12	106	53
acres treated, 2002	13,701,320	37,092	17,157	11,885	869	15,567	28,249
1997	12,238,123	47,119	13,977	3,596	1,117	21,184	28,717
Nematodes							
farms, 2002	1,668	1	-	-	3	-	-
1997	2,394	-	4	12	-	-	-
acres treated, 2002	530,679	(D)	-	-	18	-	-
1997	840,167	-	3,218	36	-	-	-
Diseases in crops and orchards							
farms, 2002	4,282	17	1	-	3	-	-
1997	5,279	30	4	22	-	41	-
acres treated, 2002	556,678	616	(D)	-	18	-	-
1997	921,135	720	16	80	-	1,210	-
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	4,587	28	2	4	3	-	-
1997	6,587	-	3	-	-	14	3
acres on which used, 2002	1,881,805	163	(D)	4	18	-	-
1997	2,476,428	-	3,181	-	-	280	3,477

Item	Atascosa	Austin	Bailey	Bandera	Bastrop	Baylor	Bee	Bell
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	501	907	200	185	1,042	161	287	823
1997	686	1,056	257	208	1,164	189	265	1,043
acres treated, 2002	60,380	78,317	111,360	7,534	99,835	98,631	77,510	145,710
1997	85,928	67,136	104,148	6,041	85,004	99,913	78,320	168,226
Cropland fertilized, except cropland pastured								
farms, 2002	264	442	181	160	429	142	102	565
1997	487	612	227	149	570	177	148	763
acres treated, 2002	30,986	30,118	93,032	4,762	26,469	45,845	49,313	108,068
1997	57,673	34,882	97,476	3,372	22,070	93,509	62,133	134,665
Pastureland and rangeland fertilized								
farms, 2002	351	649	51	65	811	89	198	466
1997	318	592	44	76	814	37	141	528
acres treated, 2002	29,394	48,199	18,328	2,772	73,366	52,786	28,197	37,642
1997	28,255	32,254	6,672	2,669	62,934	6,404	16,187	33,561
Manure								
farms, 2002	51	30	50	-	130	5	32	103
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,236	87	16,380	-	1,974	895	572	5,670
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ²								
farms, 2002	72	126	124	45	203	59	38	379
1997	88	50	103	17	72	87	49	211
acres treated, 2002	13,245	10,879	46,478	682	18,877	16,252	25,666	58,312
1997	13,376	9,188	42,354	408	5,702	64,743	47,492	53,280
Weeds, grass, or brush								
farms, 2002	359	560	118	108	783	78	239	543
1997	405	383	169	78	668	63	193	680
acres treated, 2002	45,660	42,367	73,205	4,202	85,565	30,337	40,457	97,286
1997	51,421	37,711	89,221	2,127	64,294	32,190	54,652	99,545
Nematodes								
farms, 2002	1	26	2	-	-	-	1	-
1997	12	2	25	-	-	-	-	35
acres treated, 2002	(D)	914	(D)	-	-	-	(D)	-
1997	3,555	(D)	8,286	-	-	-	-	15,978
Diseases in crops and orchards								
farms, 2002	26	25	-	-	19	1	-	45
1997	88	2	16	-	27	-	2	26
acres treated, 2002	3,495	5,646	-	-	1,021	(D)	-	3,622
1997	10,852	(D)	2,711	-	847	-	(D)	4,620
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	1	28	22	-	1	14	15	1
1997	23	29	79	8	1	27	4	20
acres on which used, 2002	(D)	2,170	9,631	-	(D)	3,005	7,121	(D)
1997	1,684	3,038	22,111	16	(D)	2,878	2,550	5,345

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Bexar	Blanco	Borden	Bosque	Bowie	Brazoria	Brazos	Brewster
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	951	292	50	548	457	803	612	19
1997	924	317	23	588	595	699	654	6
acres treated, 2002	70,084	19,859	21,339	49,447	48,825	104,799	80,370	(D)
1997	59,823	11,243	9,696	57,858	49,595	68,668	63,947	(D)
Cropland fertilized, except cropland pastured farms, 2002	676	190	49	387	231	407	299	13
1997	658	270	20	400	317	390	368	6
acres treated, 2002	43,800	6,871	(D)	23,063	29,668	68,975	43,211	(D)
1997	45,723	7,630	9,548	37,376	25,782	52,707	28,541	(D)
Pastureland and rangeland fertilized farms, 2002	528	183	2	286	277	527	415	6
1997	370	87	4	249	336	369	396	1
acres treated, 2002	26,284	12,988	(D)	26,384	19,157	35,824	37,159	12
1997	14,100	3,613	148	20,482	23,813	15,961	35,406	(D)
Manure farms, 2002	80	118	6	74	46	131	130	13
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	707	3,005	5,247	3,141	4,289	11,162	6,002	19
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	105	55	51	92	37	155	129	10
1997	130	66	4	30	64	160	95	1
acres treated, 2002	8,167	1,031	23,192	2,718	5,115	48,499	20,958	(D)
1997	24,576	1,661	2,873	5,083	2,999	28,900	18,415	(D)
Weeds, grass, or brush farms, 2002	491	187	35	351	341	449	451	17
1997	473	94	33	292	159	397	258	3
acres treated, 2002	43,374	17,952	22,620	24,823	44,958	126,526	51,976	(D)
1997	44,783	4,929	24,074	36,051	26,667	58,828	57,803	(D)
Nematodes farms, 2002	21	-	-	9	1	20	30	-
1997	13	-	-	2	-	9	6	-
acres treated, 2002	(D)	-	-	9	(D)	(D)	1,178	-
1997	(D)	-	-	-	-	-	3,885	-
Diseases in crops and orchards farms, 2002	(4)	21	1	-	35	46	30	5
1997	64	25	-	4	23	82	3	-
acres treated, 2002	475	30	(D)	-	8,734	14,773	850	5
1997	5,586	74	-	(D)	1,584	15,397	(D)	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	8	21	14	-	2	19	18	-
1997	2	6	15	1	-	26	25	-
acres on which used, 2002	567	30	6,325	-	(D)	17,014	8,593	-
1997	(D)	30	7,973	(D)	-	3,303	5,899	-
Item	Briscoe	Brooks	Brown	Burleson	Burnet	Caldwell	Calhoun	Callahan
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	78	65	507	842	381	488	151	404
1997	101	119	552	943	420	537	155	522
acres treated, 2002	36,976	6,420	48,835	105,024	18,542	65,129	62,235	80,565
1997	50,560	16,420	57,513	114,457	20,754	46,138	53,985	54,043
Cropland fertilized, except cropland pastured farms, 2002	75	46	429	377	195	272	110	342
1997	97	64	395	433	307	276	95	416
acres treated, 2002	36,269	3,403	28,977	49,100	8,955	34,231	54,971	30,867
1997	50,190	11,840	33,643	52,260	11,604	21,840	50,098	36,607
Pastureland and rangeland fertilized farms, 2002	6	30	197	662	229	296	55	177
1997	5	62	261	676	150	354	64	192
acres treated, 2002	707	3,017	19,858	55,924	9,587	30,898	7,264	49,698
1997	370	4,580	23,870	62,197	9,150	24,298	3,887	17,436
Manure farms, 2002	6	-	7	39	25	52	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	4,319	-	536	594	83	5,027	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	49	9	54	173	124	129	50	72
1997	59	10	32	135	90	58	73	52
acres treated, 2002	22,977	234	4,089	24,244	1,081	19,872	21,635	421
1997	40,092	1,749	5,022	34,050	2,356	11,154	48,142	3,692
Weeds, grass, or brush farms, 2002	68	82	248	649	387	500	116	87
1997	79	24	214	374	217	411	127	145
acres treated, 2002	43,860	5,956	15,619	72,833	19,565	51,498	42,026	8,752
1997	47,142	6,593	16,088	75,177	14,012	41,532	54,018	20,595
Nematodes farms, 2002	8	-	-	-	-	-	1	-
1997	5	-	3	6	14	-	3	-
acres treated, 2002	2,446	-	-	-	-	-	(D)	-
1997	1,426	-	410	7,064	28	-	1,754	-
Diseases in crops and orchards farms, 2002	5	-	4	13	-	-	1	29
1997	7	4	12	5	36	9	5	5
acres treated, 2002	568	-	1,166	236	-	-	(D)	73
1997	2,850	48	1,646	4,110	367	554	625	325
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	16	-	-	26	-	19	21	-
1997	39	4	5	11	-	4	26	-
acres on which used, 2002	4,282	-	-	4,605	-	2,290	7,751	-
1997	21,673	151	10	11,676	-	1,787	8,794	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Cameron	Camp	Carson	Cass	Castro	Chambers	Cherokee	Childress
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	665	163	146	414	283	283	607	123
1997	615	217	198	579	319	209	988	144
acres treated, 2002	183,818	12,233	101,127	30,436	210,100	24,156	63,183	78,508
1997	147,848	13,213	108,036	27,670	217,339	37,232	68,577	59,537
Cropland fertilized, except cropland pastured farms, 2002	585	110	139	238	278	168	338	99
1997	550	110	189	284	317	108	508	134
acres treated, 2002	178,953	8,648	98,545	10,159	200,520	16,357	20,874	71,955
1997	146,025	5,627	107,065	10,483	216,380	27,637	25,308	57,075
Pastureland and rangeland fertilized farms, 2002	146	63	21	276	39	122	436	32
1997	112	110	11	322	15	108	632	13
acres treated, 2002	4,865	3,585	2,582	20,277	9,580	7,799	42,309	6,553
1997	1,823	7,586	971	17,187	959	9,595	43,269	2,462
Manure farms, 2002	68	52	20	140	73	14	210	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,847	3,991	5,296	6,963	29,540	28	19,054	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	408	79	40	91	228	83	155	57
1997	463	27	86	27	211	55	82	39
acres treated, 2002	83,580	4,024	26,858	1,248	94,897	6,256	12,726	36,155
1997	86,668	1,522	37,675	501	145,266	11,181	1,047	14,751
Weeds, grass, or brush farms, 2002	541	138	122	214	272	132	352	65
1997	391	120	183	103	283	115	323	88
acres treated, 2002	153,815	11,120	85,903	15,334	134,867	14,262	33,455	44,672
1997	116,050	7,140	96,735	7,269	176,018	33,232	28,570	38,836
Nematodes farms, 2002	62	12	6	13	24	-	4	-
1997	122	-	2	-	44	-	-	1
acres treated, 2002	6,965	111	1,400	13	9,234	-	(D)	-
1997	7,686	-	(D)	-	8,148	-	-	(D)
Diseases in crops and orchards farms, 2002	111	35	6	15	5	14	42	-
1997	247	9	6	3	47	22	32	1
acres treated, 2002	7,505	342	2,500	17	4,067	322	603	-
1997	9,877	35	1,777	(D)	13,951	3,349	212	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	180	12	4	-	100	-	2	2
1997	174	-	6	1	116	2	14	14
acres on which used, 2002	44,738	195	2,220	-	31,710	-	(D)	(D)
1997	41,644	-	648	(D)	28,704	(D)	150	2,635

Item	Clay	Cochran	Coke	Coleman	Collin	Collingsworth	Colorado	Comal
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	407	143	28	196	855	135	971	190
1997	449	166	46	293	833	246	1,294	200
acres treated, 2002	87,924	128,071	6,251	65,156	123,206	77,491	118,599	5,356
1997	73,932	142,897	3,532	44,022	126,103	80,865	112,189	7,338
Cropland fertilized, except cropland pastured farms, 2002	313	143	28	177	479	130	564	122
1997	326	160	45	262	518	183	750	183
acres treated, 2002	46,100	127,749	5,147	44,251	94,086	70,493	70,882	2,708
1997	44,678	142,795	(D)	37,925	107,604	73,357	81,442	6,475
Pastureland and rangeland fertilized farms, 2002	172	5	5	40	575	27	609	88
1997	198	6	8	64	488	88	716	38
acres treated, 2002	41,824	322	1,104	20,905	29,120	6,998	47,717	2,648
1997	29,254	102	(D)	6,097	18,499	7,508	30,747	863
Manure farms, 2002	25	22	-	15	213	9	4	37
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	7,146	4,271	-	75	3,525	5,431	1,764	312
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	72	130	3	24	200	94	166	16
1997	79	87	23	36	92	46	153	47
acres treated, 2002	13,764	101,084	3,401	4,505	41,335	25,343	34,739	220
1997	7,685	52,852	676	6,490	51,116	19,671	39,288	859
Weeds, grass, or brush farms, 2002	258	111	35	207	629	143	626	133
1997	137	126	47	182	312	104	489	98
acres treated, 2002	36,636	101,057	3,064	43,450	76,992	84,380	72,455	4,772
1997	30,931	122,883	8,151	25,267	73,549	43,434	74,497	3,024
Nematodes farms, 2002	-	32	-	-	-	22	-	-
1997	-	51	-	-	-	5	19	11
acres treated, 2002	-	20,660	-	-	-	5,369	-	-
1997	-	28,336	-	-	-	3,913	5,121	473
Diseases in crops and orchards farms, 2002	14	2	-	1	2	26	49	-
1997	22	16	-	1	4	12	105	29
acres treated, 2002	503	(D)	-	(D)	(D)	9,115	19,427	-
1997	954	5,842	-	(D)	(D)	6,771	26,984	547
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	55	-	-	17	46	19	-
1997	8	80	-	6	9	13	2	-
acres on which used, 2002	-	46,912	-	-	2,132	11,369	541	-
1997	715	41,685	-	1,657	2,522	1,893	(D)	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Comanche	Concho	Cooke	Coryell	Cottle	Crane	Crockett	Crosby
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	814	185	1,005	620	66	4	3	223
1997	1,074	124	1,028	587	57	8	5	252
acres treated, 2002	114,080	38,961	122,241	82,185	57,502	42	441	165,223
1997	120,920	31,679	100,389	73,313	24,779	59	(D)	220,633
Cropland fertilized, except cropland pastured farms, 2002	692	151	559	476	58	4	2	222
1997	715	98	596	438	44	7	5	234
acres treated, 2002	63,002	37,499	62,350	41,203	31,051	(D)	(D)	160,063
1997	67,869	26,193	61,512	51,831	20,912	(D)	(D)	218,295
Pastureland and rangeland fertilized farms, 2002	417	39	703	372	20	2	1	7
1997	619	39	605	225	22	1	-	21
acres treated, 2002	51,078	1,462	59,891	40,982	26,451	(D)	(D)	5,160
1997	53,051	5,486	38,877	21,482	3,867	(D)	-	2,338
Manure farms, 2002	68	17	162	25	5	3	-	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	8,228	3,693	7,033	1,226	3	3	-	6,849
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ² farms, 2002	303	64	147	159	43	4	-	214
1997	138	55	97	93	14	-	2	113
acres treated, 2002	23,209	27,805	11,108	15,202	20,417	20	-	115,135
1997	16,135	21,000	8,339	15,892	4,255	-	(D)	62,803
Weeds, grass, or brush farms, 2002	418	124	592	280	45	2	13	174
1997	542	75	460	261	59	2	16	192
acres treated, 2002	71,175	39,747	72,898	49,982	33,617	(D)	16,163	147,854
1997	60,481	17,402	50,502	43,068	20,509	(D)	19,203	181,597
Nematodes farms, 2002	12	6	15	-	1	-	-	13
1997	37	-	5	-	-	-	-	27
acres treated, 2002	1,210	(D)	15	-	(D)	-	-	12,688
1997	4,409	-	-	150	-	-	-	13,026
Diseases in crops and orchards farms, 2002	112	9	28	-	-	-	-	1
1997	135	1	17	9	-	-	-	8
acres treated, 2002	9,482	315	4,176	-	2	-	-	(D)
1997	14,572	(D)	2,542	895	(D)	-	-	9,410
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	10	23	15	10	2	3	-	75
1997	11	36	-	2	2	-	1	102
acres on which used, 2002	2,151	10,529	(D)	860	(D)	15	-	60,359
1997	331	13,889	-	(D)	(D)	-	(D)	49,261

Item	Culberson	Dallam	Dallas	Dawson	Deaf Smith	Delta	Denton	DeWitt
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	10	212	174	310	284	157	984	830
1997	17	247	253	393	350	173	1,053	962
acres treated, 2002	4,131	259,725	12,737	234,332	242,924	30,264	80,657	62,683
1997	3,946	275,983	35,207	331,289	211,011	30,212	107,327	64,379
Cropland fertilized, except cropland pastured farms, 2002	10	207	57	308	283	69	570	433
1997	15	247	114	393	350	114	687	514
acres treated, 2002	(D)	243,911	8,778	230,238	239,927	26,446	48,439	24,221
1997	(D)	270,450	21,749	(D)	205,541	22,437	79,712	26,829
Pastureland and rangeland fertilized farms, 2002	1	37	134	21	32	102	595	604
1997	2	20	172	1	18	73	556	565
acres treated, 2002	(D)	15,814	3,959	4,094	2,997	3,818	32,218	38,462
1997	(D)	5,533	13,458	(D)	5,470	7,775	27,615	37,550
Manure farms, 2002	-	45	66	6	96	1	212	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	63,064	802	4,350	35,535	(D)	4,190	685
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ² farms, 2002	4	87	21	298	165	29	237	112
1997	2	176	34	263	236	28	115	73
acres treated, 2002	1,805	92,230	97	187,664	114,283	15,374	18,368	6,405
1997	(D)	134,887	1,578	154,200	99,817	4,070	15,301	3,162
Weeds, grass, or brush farms, 2002	6	120	44	215	233	124	601	730
1997	10	198	49	298	239	85	554	599
acres treated, 2002	5,287	129,637	5,258	215,685	182,546	30,919	56,255	68,135
1997	2,452	168,757	10,993	232,214	138,545	17,078	53,769	49,637
Nematodes farms, 2002	-	14	2	89	26	-	1	-
1997	-	10	2	14,189	(D)	-	(D)	-
acres treated, 2002	-	1,764	-	28,909	3,194	-	(D)	-
1997	-	1,481	(D)	21	-	-	(D)	-
Diseases in crops and orchards farms, 2002	1	3	1	27	50	1	42	11
1997	4	24	24	21	50	-	43	9
acres treated, 2002	(D)	(D)	(D)	6,820	-	(D)	1,616	577
1997	408	17,556	(D)	9,473	9,715	-	1,360	340
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	2	3	67	44	13	-	-
1997	1	3	3	220	26	9	6	3
acres on which used, 2002	-	(D)	11	40,479	14,693	2,548	-	-
1997	(D)	3,495	4	126,096	9,034	990	2,213	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Dickens	Dimmit	Donley	Duval	Eastland	Ector	Edwards	Ellis
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	78	20	122	165	695	88	35	998
1997	112	56	148	262	698	70	31	894
acres treated, 2002	33,610	2,118	22,748	23,265	102,365	886	1,536	197,291
1997	24,013	9,104	40,338	45,097	73,385	969	1,320	153,959
Cropland fertilized, except cropland pastured farms, 2002	61	14	91	98	538	77	9	606
1997	76	46	115	220	463	64	31	606
acres treated, 2002	23,919	1,733	16,063	17,759	50,110	581	753	157,313
1997	13,870	6,444	33,451	34,962	43,093	768	1,320	119,727
Pastureland and rangeland fertilized farms, 2002	37	6	42	99	433	16	26	632
1997	46	12	64	79	392	6	-	417
acres treated, 2002	9,691	385	6,685	5,506	52,255	305	783	39,978
1997	10,143	2,660	6,887	10,135	30,292	201	-	34,232
Manure farms, 2002	1	2	25	1	86	21	5	166
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	(D)	(D)	1,850	(D)	4,750	95	5	6,772
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	30	6	23	6	163	13	15	248
1997	34	16	79	30	74	15	4	123
acres treated, 2002	18,981	1,091	6,882	(D)	7,727	270	489	59,962
1997	7,724	2,080	20,875	10,388	6,973	401	(D)	42,412
Weeds, grass, or brush farms, 2002	79	17	58	96	255	54	31	633
1997	75	33	106	83	277	26	24	345
acres treated, 2002	25,999	4,794	12,698	10,929	40,695	406	6,185	156,897
1997	32,771	6,856	27,318	29,823	26,309	3,543	2,707	81,253
Nematodes farms, 2002	-	-	1	2	9	5	1	23
1997	-	-	18	2	2	2	-	5
acres treated, 2002	-	-	(D)	-	194	15	(D)	-
1997	-	-	1,000	(D)	1,978	(D)	-	5,852
Diseases in crops and orchards farms, 2002	-	2	2	-	53	11	4	32
1997	10	12	14	16	50	-	5	43
acres treated, 2002	-	(D)	(D)	-	3,574	75	28	2,410
1997	320	1,336	1,037	2,107	1,777	-	50	5,969
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	10	2	12	-	11	5	1	36
1997	20	5	14	9	4	10	-	46
acres on which used, 2002	8,802	(D)	1,424	-	461	15	(D)	21,250
1997	5,072	280	2,172	1,111	365	52	-	19,175

Item	El Paso	Erath	Falls	Fannin	Fayette	Fisher	Floyd	Foard
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	359	974	666	755	1,647	191	247	75
1997	284	1,033	805	910	1,972	198	310	78
acres treated, 2002	36,773	96,233	199,266	142,891	132,694	70,284	221,127	72,667
1997	44,263	95,350	156,509	139,253	117,493	53,541	215,696	58,053
Cropland fertilized, except cropland pastured farms, 2002	357	685	329	403	689	164	245	68
1997	284	727	432	508	1,036	187	309	59
acres treated, 2002	36,353	53,680	95,528	104,109	36,540	66,392	194,634	44,542
1997	(D)	58,469	95,673	97,254	48,469	51,182	211,390	54,410
Pastureland and rangeland fertilized farms, 2002	29	465	501	469	1,219	37	32	24
1997	1	538	525	493	1,278	18	19	30
acres treated, 2002	420	42,553	103,738	38,782	96,154	3,892	26,493	28,125
1997	(D)	36,881	60,836	41,999	69,024	2,359	4,306	3,643
Manure farms, 2002	91	197	14	33	114	11	18	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,035	15,756	4,110	408	4,469	3,900	8,716	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	120	57	227	248	145	153	200	29
1997	140	18	115	99	185	136	212	11
acres treated, 2002	29,097	5,790	62,824	34,050	10,405	51,653	107,037	16,080
1997	33,546	1,812	43,891	32,899	18,943	50,932	154,714	22,935
Weeds, grass, or brush farms, 2002	166	446	455	553	1,030	183	219	62
1997	84	368	448	310	983	151	250	29
acres treated, 2002	24,800	35,278	152,856	70,164	97,529	77,489	179,154	28,715
1997	29,844	30,288	97,597	84,328	73,264	78,210	217,464	19,361
Nematodes farms, 2002	12	2	2	-	8	1	16	3
1997	11	28	14	-	20	1	43	1
acres treated, 2002	(D)	-	(D)	-	1,568	-	12,083	3
1997	942	1,492	3,887	-	2,760	(D)	30,249	(D)
Diseases in crops and orchards farms, 2002	65	20	8	61	16	1	9	3
1997	20	7	22	36	39	2	28	2
acres treated, 2002	4,618	435	510	2,797	232	(D)	5,130	3
1997	1,838	395	2,254	8,586	567	(D)	14,219	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	57	11	1	-	1	22	108	2
1997	25	3	29	14	6	70	133	1
acres on which used, 2002	7,143	55	(D)	-	(D)	10,261	65,730	(D)
1997	4,895	265	3,464	2,058	7,540	22,434	60,172	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Fort Bend	Franklin	Freestone	Frio	Gaines	Galveston	Garza	Gillespie
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	755	247	769	138	400	315	60	794
1997	840	284	780	159	518	230	72	808
acres treated, 2002	131,165	22,541	81,330	56,367	293,303	18,648	(D)	40,317
1997	117,955	23,749	57,616	64,690	381,373	9,223	21,367	49,231
Cropland fertilized, except cropland pastured farms, 2002	472	113	399	87	375	103	58	482
1997	548	189	439	132	501	120	66	567
acres treated, 2002	116,407	7,534	15,298	36,504	288,083	6,489	(D)	23,844
1997	108,655	12,092	17,869	57,167	374,303	5,173	19,472	34,898
Pastureland and rangeland fertilized farms, 2002	371	183	529	79	49	212	2	443
1997	354	117	481	43	20	156	9	340
acres treated, 2002	14,758	15,007	66,032	19,863	5,220	12,159	(D)	16,473
1997	9,300	11,657	39,747	7,523	7,070	4,050	1,895	14,333
Manure farms, 2002	40	73	52	4	5	-	8	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	210	8,127	899	4,621	1,307	-	1,833	524
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	327	52	97	31	345	58	62	132
1997	293	15	58	34	313	25	26	122
acres treated, 2002	74,831	3,980	6,997	19,499	181,001	3,709	25,911	5,148
1997	84,315	953	2,475	24,072	219,615	1,784	6,678	4,389
Weeds, grass, or brush farms, 2002	479	103	362	87	307	159	74	482
1997	459	50	207	98	309	91	93	372
acres treated, 2002	91,295	17,233	49,348	35,816	207,019	10,419	35,376	36,027
1997	102,849	6,172	31,384	35,683	232,879	8,974	43,787	19,454
Nematodes farms, 2002	34	-	1	3	112	-	1	-
1997	40	-	5	3	167	-	-	-
acres treated, 2002	2,363	-	(D)	(D)	35,173	-	(D)	-
1997	16,973	-	35	(D)	92,371	-	-	-
Diseases in crops and orchards farms, 2002	125	-	12	17	67	10	3	34
1997	95	3	9	33	88	1	5	63
acres treated, 2002	15,783	-	600	12,840	24,520	3,296	12	1,480
1997	32,464	(D)	459	17,624	41,512	(D)	3,240	1,344
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	107	-	-	4	188	-	19	-
1997	135	-	-	6	271	-	54	6
acres on which used, 2002	34,520	-	-	1,057	85,725	-	10,113	-
1997	33,445	-	-	1,638	157,526	-	23,246	120
Item	Glasscock	Goliad	Gonzales	Gray	Grayson	Gregg	Grimes	Guadalupe
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	96	481	764	99	1,006	206	876	1,272
1997	89	448	973	121	1,102	216	971	1,155
acres treated, 2002	54,343	72,416	85,651	64,636	170,401	7,590	72,639	81,169
1997	52,890	24,667	71,790	61,916	146,772	11,038	58,537	86,843
Cropland fertilized, except cropland pastured farms, 2002	95	257	403	79	615	90	397	809
1997	88	217	500	102	705	98	566	802
acres treated, 2002	(D)	51,928	14,943	48,436	104,759	2,725	21,492	59,596
1997	(D)	10,143	30,289	47,380	117,584	3,458	20,816	59,861
Pastureland and rangeland fertilized farms, 2002	3	315	552	23	594	122	669	717
1997	1	297	586	36	558	131	564	523
acres treated, 2002	(D)	20,488	70,708	16,200	65,642	4,865	51,147	21,573
1997	(D)	14,524	41,501	14,536	29,188	7,580	37,721	26,982
Manure farms, 2002	8	1	231	7	128	5	85	77
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,468	(D)	19,393	2,811	5,562	15	3,944	2,136
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	87	77	167	18	215	81	79	195
1997	29	17	93	51	158	21	86	150
acres treated, 2002	51,126	9,664	9,284	6,572	28,191	3,169	7,269	11,950
1997	19,581	3,601	7,838	21,467	48,757	758	1,062	25,237
Weeds, grass, or brush farms, 2002	86	431	715	59	492	165	468	968
1997	82	201	602	91	489	57	370	582
acres treated, 2002	51,436	72,083	86,350	41,442	92,990	7,098	61,948	62,573
1997	61,725	24,582	76,894	30,704	83,404	2,087	43,004	50,358
Nematodes farms, 2002	1	-	10	2	-	-	1	-
1997	-	-	9	-	-	-	8	7
acres treated, 2002	(D)	-	10	(D)	-	-	(D)	-
1997	-	-	1,530	-	-	-	128	1,246
Diseases in crops and orchards farms, 2002	2	-	20	1	57	6	1	59
1997	2	7	18	-	24	5	28	58
acres treated, 2002	(D)	-	1,368	(D)	(D)	48	(D)	2,713
1997	(D)	147	1,303	-	3,254	15	231	1,241
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	48	2	-	2	22	6	1	16
1997	67	1	5	3	19	-	1	-
acres on which used, 2002	33,307	(D)	-	(D)	759	48	(D)	122
1997	51,855	(D)	90	(D)	2,349	-	(D)	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Hale	Hall	Hamilton	Hansford	Hardeman	Hardin	Harris	Harrison
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	577	110	470	149	149	240	829	488
1997	564	122	628	162	166	263	857	709
acres treated, 2002	309,347	89,168	76,466	148,858	65,548	6,328	46,768	32,172
1997	307,038	60,946	64,641	147,623	45,036	6,654	47,741	27,166
Cropland fertilized, except cropland pastured farms, 2002	566	109	390	148	123	109	416	183
1997	540	109	439	154	99	132	510	366
acres treated, 2002	307,034	84,904	37,458	131,230	57,664	2,121	27,590	4,317
1997	303,320	55,407	36,300	145,798	37,361	2,126	35,160	12,214
Pastureland and rangeland fertilized farms, 2002	36	6	257	14	48	188	553	419
1997	35	19	320	13	82	158	451	432
acres treated, 2002	2,313	4,264	39,008	17,628	7,884	4,207	19,178	27,855
1997	3,718	5,539	28,341	1,825	7,675	4,528	12,581	14,952
Manure farms, 2002	65	4	15	33	2	30	193	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	27,623	2,737	2,410	10,406	(D)	659	3,001	708
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	479	106	137	48	40	10	155	63
1997	446	84	61	117	37	28	206	44
acres treated, 2002	234,645	54,426	21,122	28,130	13,302	94	10,254	1,125
1997	205,119	28,006	5,183	70,898	7,079	186	11,253	441
Weeds, grass, or brush farms, 2002	362	111	266	89	87	87	303	208
1997	504	145	199	155	94	37	316	165
acres treated, 2002	221,392	76,525	43,766	78,258	41,470	2,203	27,058	15,158
1997	269,022	62,125	28,213	135,727	20,460	1,234	35,575	6,796
Nematodes farms, 2002	22	-	-	-	-	4	15	-
1997	21	-	-	9	2	6	23	18
acres treated, 2002	13,988	-	-	-	-	16	64	-
1997	10,482	-	-	1,047	(D)	16	1,477	90
Diseases in crops and orchards farms, 2002	7	2	9	-	(D)	1	21	44
1997	70	3	12	6	9	24	71	3
acres treated, 2002	6,830	(D)	4,446	-	(D)	93	660	-
1997	16,923	(D)	610	2,723	(D)	122	6,113	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	194	20	-	3	-	-	3	-
1997	267	37	6	3	11	-	5	-
acres on which used, 2002	75,846	14,674	-	357	-	-	(D)	-
1997	66,376	9,723	300	(D)	829	-	675	-

Item	Hartley	Haskell	Hays	Hemphill	Henderson	Hidalgo	Hill	Hockley
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	141	349	219	57	1,042	1,168	902	333
1997	144	291	262	73	1,258	886	1,083	386
acres treated, 2002	179,418	157,767	7,996	27,436	82,478	231,710	252,334	207,889
1997	128,255	92,942	25,386	28,144	88,155	274,367	229,244	260,215
Cropland fertilized, except cropland pastured farms, 2002	139	339	192	48	500	1,045	633	329
1997	144	273	196	64	656	786	730	376
acres treated, 2002	163,651	140,651	5,291	16,386	37,186	224,836	203,205	206,508
1997	(D)	83,765	18,764	20,200	35,183	270,980	199,245	258,941
Pastureland and rangeland fertilized farms, 2002	14	28	85	26	679	138	555	13
1997	2	72	125	22	757	152	530	15
acres treated, 2002	15,767	17,116	2,705	11,050	45,292	6,874	49,129	1,381
1997	(D)	9,177	6,622	7,944	52,972	3,387	29,999	1,274
Manure farms, 2002	34	-	72	2	60	53	49	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	20,242	-	791	(D)	3,766	3,377	1,908	5,582
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	68	249	125	7	344	726	234	310
1997	96	244	42	10	91	598	205	209
acres treated, 2002	62,850	121,722	2,032	685	20,389	132,061	78,177	174,532
1997	70,644	100,879	6,558	1,325	3,527	170,897	91,675	130,484
Weeds, grass, or brush farms, 2002	88	256	197	20	610	508	632	355
1997	103	217	120	37	256	534	521	268
acres treated, 2002	84,153	161,208	5,836	5,095	62,778	167,876	173,674	244,664
1997	81,331	93,928	9,710	12,029	22,302	188,606	139,395	194,697
Nematodes farms, 2002	1	-	-	-	-	125	12	62
1997	4	2	19	-	8	137	3	140
acres treated, 2002	(D)	-	-	-	-	14,870	6,588	46,840
1997	3,121	(D)	-	-	-	16,616	3,822	73,808
Diseases in crops and orchards farms, 2002	2	3	29	1	45	258	50	15
1997	9	52	29	-	1	298	98	15
acres treated, 2002	(D)	1,950	285	(D)	273	57,095	9,674	4,158
1997	6,289	22,264	419	-	(D)	63,401	28,440	14,038
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	5	67	15	-	2	61	36	162
1997	6	86	4	-	12	138	75	216
acres on which used, 2002	4,145	17,060	74	-	(D)	28,613	8,944	83,358
1997	2,090	36,133	419	-	12	64,472	17,334	111,903

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Hood	Hopkins	Houston	Howard	Hudspeth	Hunt	Hutchinson	Irion
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	490	806	766	111	49	1,170	59	35
1997	522	1,079	999	102	62	1,210	64	25
acres treated, 2002	29,536	69,023	112,384	78,168	37,890	90,861	51,143	4,185
1997	39,531	77,319	82,465	80,580	28,182	119,000	63,715	294
Cropland fertilized, except cropland pastured farms, 2002	311	567	440	105	46	650	56	30
1997	293	682	553	102	57	533	63	21
acres treated, 2002	15,819	40,606	46,749	(D)	(D)	50,359	49,551	2,747
1997	22,424	44,920	32,146	(D)	27,932	79,973	(D)	235
Pastureland and rangeland fertilized farms, 2002	283	393	446	17	5	720	8	13
1997	333	532	586	1	7	775	2	7
acres treated, 2002	13,717	28,417	65,635	(D)	(D)	40,502	1,592	1,438
1997	17,107	32,399	50,319	(D)	250	39,027	(D)	59
Manure farms, 2002	113	236	53	16	6	188	5	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,849	21,264	11,085	1,631	(D)	5,060	1,174	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	75	143	124	88	44	274	26	19
1997	4	40	115	48	39	157	36	11
acres treated, 2002	9,413	9,298	28,747	44,216	26,861	18,891	13,138	3,563
1997	(D)	2,533	6,344	29,849	12,844	25,607	22,385	833
Weeds, grass, or brush farms, 2002	240	260	415	62	31	537	46	43
1997	211	222	242	130	35	358	49	12
acres treated, 2002	22,467	21,310	93,377	59,880	19,591	37,207	41,098	7,968
1997	22,784	16,794	26,922	90,150	10,753	45,483	35,179	1,693
Nematodes farms, 2002	-	-	-	2	1	1	1	-
1997	-	1	-	3	5	-	3	-
acres treated, 2002	-	(D)	-	(D)	(D)	(D)	(D)	-
1997	-	(D)	-	(D)	562	-	(D)	-
Diseases in crops and orchards farms, 2002	2	30	8	9	6	31	3	-
1997	17	11	10	1	6	20	2	-
acres treated, 2002	(D)	46	(D)	(D)	467	942	3	-
1997	(D)	132	(D)	(D)	600	(D)	(D)	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	-	-	11	19	23	-	-
1997	10	4	8	63	10	15	-	1
acres on which used, 2002	-	-	-	3,289	7,255	3,117	-	-
1997	1,657	(D)	8	32,154	1,422	6,366	-	(D)

Item	Jack	Jackson	Jasper	Jeff Davis	Jefferson	Jim Hogg	Jim Wells	Johnson
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	332	492	429	5	349	13	257	1,199
1997	349	472	485	8	357	16	325	1,290
acres treated, 2002	30,092	158,641	10,929	194	46,048	1,125	77,854	96,914
1997	25,884	150,629	9,764	365	46,196	1,404	128,732	99,686
Cropland fertilized, except cropland pastured farms, 2002	194	273	225	4	194	11	166	775
1997	231	322	316	8	267	11	223	847
acres treated, 2002	15,668	140,314	4,185	(D)	29,444	(D)	64,848	60,192
1997	15,248	137,719	5,596	365	41,240	434	114,920	74,504
Pastureland and rangeland fertilized farms, 2002	217	302	299	1	217	2	121	731
1997	172	189	247	-	110	5	115	634
acres treated, 2002	14,424	18,327	6,744	(D)	16,604	(D)	13,006	36,722
1997	10,636	12,910	4,168	-	4,956	970	13,812	25,182
Manure farms, 2002	9	21	-	-	57	-	2	82
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	(D)	1,782	-	-	851	-	(D)	3,328
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	18	186	111	3	80	-	98	165
1997	6	187	69	4	40	-	101	58
acres treated, 2002	395	111,417	1,535	74	5,294	-	31,950	19,087
1997	198	102,999	762	110	14,841	-	43,648	11,050
Weeds, grass, or brush farms, 2002	131	391	94	4	177	16	190	637
1997	143	318	143	3	197	16	205	510
acres treated, 2002	13,427	144,053	1,856	595	34,048	1,063	68,252	52,718
1997	11,118	124,255	1,930	930	38,078	3,621	75,686	45,181
Nematodes farms, 2002	-	17	-	-	-	-	1	-
1997	-	26	6	1	-	-	13	4
acres treated, 2002	-	14,478	-	-	-	-	(D)	-
1997	-	18,135	6	(D)	-	-	8,275	2,529
Diseases in crops and orchards farms, 2002	1	30	40	1	5	-	2	10
1997	1	37	34	2	25	-	38	26
acres treated, 2002	(D)	6,014	140	(D)	1,490	-	(D)	430
1997	(D)	13,479	52	(D)	5,313	-	2,275	6,581
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	34	-	-	-	-	17	29
1997	8	86	-	-	17	-	20	32
acres on which used, 2002	-	16,245	-	-	-	-	5,682	711
1997	100	21,616	-	-	4,900	-	8,572	4,039

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Jones	Karnes	Kaufman	Kendall	Kenedy	Kent	Kerr	Kimble
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	312	517	971	317	7	21	213	66
1997	381	612	942	338	3	39	282	71
acres treated, 2002	139,315	99,144	121,362	12,503	1,160	16,461	7,688	2,444
1997	90,024	53,885	75,329	14,092	(D)	8,092	9,178	8,952
Cropland fertilized, except cropland pastured farms, 2002	267	247	590	248	3	16	139	29
1997	296	395	548	219	1	30	233	48
acres treated, 2002	120,333	44,798	59,703	6,737	(D)	(D)	5,314	509
1997	79,639	27,051	37,946	8,493	(D)	4,928	7,269	3,715
Pastureland and rangeland fertilized farms, 2002	102	419	623	111	4	8	101	44
1997	115	316	480	172	2	10	85	26
acres treated, 2002	18,982	54,346	61,659	5,766	(D)	(D)	2,374	1,935
1997	10,385	26,834	37,383	5,599	(D)	3,164	1,909	5,237
Manure farms, 2002	14	24	64	1	-	-	35	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,507	554	1,793	(D)	-	-	598	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ² farms, 2002	178	28	120	48	-	5	78	28
1997	166	43	85	3	1	4	36	13
acres treated, 2002	85,439	22,037	11,251	249	-	1,680	455	201
1997	77,904	8,203	3,046	(D)	(D)	355	325	203
Weeds, grass, or brush farms, 2002	208	474	411	210	1	15	158	68
1997	269	400	240	186	2	36	147	37
acres treated, 2002	119,579	90,716	66,716	5,615	(D)	7,624	6,130	3,488
1997	80,799	41,835	26,266	14,972	(D)	13,338	6,472	2,269
Nematodes farms, 2002	15	8	-	-	-	-	9	-
1997	12	1	9	-	-	-	8	-
acres treated, 2002	(D)	(D)	-	-	-	-	24	-
1997	(D)	(D)	54	-	-	-	27	-
Diseases in crops and orchards farms, 2002	12	17	-	-	-	-	32	-
1997	1	6	24	1	-	1	21	10
acres treated, 2002	2,773	976	-	-	-	-	48	-
1997	(D)	360	541	(D)	-	(D)	108	1,405
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	33	1	7	-	-	-	-	-
1997	72	13	36	20	-	3	18	-
acres on which used, 2002	15,846	(D)	1,785	-	-	-	-	-
1997	28,002	870	2,824	860	-	(D)	324	-

Item	King	Kinney	Kleberg	Knox	Lamar	Lamb	Lampasas	La Salle
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	11	16	70	163	693	514	343	34
1997	15	9	122	223	787	515	377	81
acres treated, 2002	(D)	1,363	71,521	159,857	125,171	287,333	24,883	(D)
1997	6,539	1,724	104,909	157,751	108,373	263,551	34,890	15,399
Cropland fertilized, except cropland pastured farms, 2002	10	10	37	143	282	506	288	33
1997	8	7	58	196	334	489	287	55
acres treated, 2002	5,581	1,264	60,076	122,897	63,017	282,623	13,373	3,127
1997	3,293	1,259	86,659	126,546	70,685	259,731	20,946	13,818
Pastureland and rangeland fertilized farms, 2002	4	8	36	60	495	19	136	3
1997	10	3	71	50	546	38	134	26
acres treated, 2002	(D)	99	11,445	36,960	62,154	4,710	11,510	(D)
1997	3,246	465	18,250	31,205	37,688	3,820	13,944	1,581
Manure farms, 2002	-	4	20	1	56	103	-	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	24	300	(D)	892	32,045	-	60
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ² farms, 2002	3	7	56	83	129	442	37	13
1997	4	1	27	128	74	324	69	6
acres treated, 2002	(D)	66	45,079	59,897	40,469	246,814	1,406	2,937
1997	2,050	(D)	82,972	84,619	19,013	173,789	6,026	1,515
Weeds, grass, or brush farms, 2002	10	10	62	90	437	361	151	43
1997	5	7	63	79	411	388	157	50
acres treated, 2002	(D)	1,614	55,629	40,758	132,409	179,538	13,859	8,485
1997	17,725	3,127	86,613	53,590	79,248	220,578	14,193	16,084
Nematodes farms, 2002	-	-	2	6	10	102	-	-
1997	-	1	8	7	2	91	-	1
acres treated, 2002	-	-	(D)	3,227	2,600	40,677	-	-
1997	-	(D)	3,922	1,810	(D)	33,870	-	(D)
Diseases in crops and orchards farms, 2002	1	-	1	3	18	27	21	8
1997	2	1	7	20	8	42	30	2
acres treated, 2002	(D)	-	(D)	3,310	10,742	6,414	360	(D)
1997	(D)	(D)	2,506	4,220	1,040	13,778	1,964	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	2	-	11	22	1	169	-	-
1997	-	1	13	48	25	200	-	-
acres on which used, 2002	(D)	-	28,382	11,647	(D)	80,246	-	-
1997	-	(D)	35,351	12,957	218	90,142	-	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Lavaca	Lee	Leon	Liberty	Limestone	Lipscomb	Live Oak	Llano
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	1,946	1,024	1,140	716	596	95	197	266
1997	1,905	1,375	1,326	708	710	86	341	231
acres treated, 2002	123,469	101,040	108,572	78,801	94,299	54,607	35,273	12,646
1997	85,642	96,719	91,965	73,782	80,085	32,754	61,102	11,876
Cropland fertilized, except cropland pastured farms, 2002	1,035	505	581	506	291	87	111	149
1997	1,126	539	629	379	439	81	164	175
acres treated, 2002	44,804	19,913	24,695	55,336	31,419	46,859	17,470	4,313
1997	32,254	17,023	30,236	61,822	32,624	27,262	30,497	6,503
Pastureland and rangeland fertilized farms, 2002	1,332	764	824	357	482	14	138	171
1997	1,077	1,045	865	358	396	17	235	79
acres treated, 2002	78,665	81,127	83,877	23,465	62,880	7,748	17,803	8,333
1997	53,388	79,696	61,729	11,960	47,461	5,492	30,605	5,373
Manure farms, 2002	92	18	105	126	28	4	14	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,395	760	13,108	1,231	4,682	1,097	7,000	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	161	259	223	164	100	8	36	23
1997	105	102	161	67	18	17	29	28
acres treated, 2002	7,849	13,503	8,486	40,573	10,729	4,362	10,466	1,141
1997	4,492	3,654	7,126	47,049	7,707	12,118	6,324	208
Weeds, grass, or brush farms, 2002	1,321	648	615	419	397	48	271	166
1997	915	643	443	173	290	20	281	120
acres treated, 2002	86,642	48,019	72,156	53,947	76,370	34,389	54,362	11,646
1997	56,415	62,093	47,994	63,997	56,062	16,050	58,632	7,690
Nematodes farms, 2002	1	34	-	21	8	-	-	-
1997	-	-	-	-	-	-	7	-
acres treated, 2002	(D)	645	-	633	1,600	-	-	-
1997	-	-	-	-	-	-	4,200	-
Diseases in crops and orchards farms, 2002	45	78	16	72	37	-	-	3
1997	36	26	43	37	10	-	17	9
acres treated, 2002	2,973	794	16	15,779	141	-	-	330
1997	2,405	949	2,413	7,597	749	-	1,462	79
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	-	-	21	8	-	-	1
1997	-	-	16	10	4	-	2	2
acres on which used, 2002	-	-	-	294	1,600	-	-	(D)
1997	-	-	197	20	1,020	-	(D)	(D)

Item	Loving	Lubbock	Lynn	McCulloch	McLennan	McMullen	Madison	Marion
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	-	661	312	211	1,256	30	484	103
1997	-	692	323	235	1,280	28	553	116
acres treated, 2002	-	256,044	195,043	37,087	236,343	37,737	44,305	5,284
1997	-	289,424	206,358	63,156	246,934	5,817	29,260	4,490
Cropland fertilized, except cropland pastured farms, 2002	-	622	298	172	779	18	238	54
1997	-	647	323	157	866	12	296	54
acres treated, 2002	-	253,112	187,201	24,672	169,401	(D)	13,240	1,542
1997	-	283,420	(D)	41,516	188,347	2,924	12,691	1,558
Pastureland and rangeland fertilized farms, 2002	-	65	19	68	749	15	312	73
1997	-	70	1	136	703	17	333	69
acres treated, 2002	-	2,932	7,842	12,415	66,942	(D)	31,065	3,742
1997	-	6,004	(D)	21,640	58,587	2,893	16,569	2,932
Manure farms, 2002	-	87	6	6	180	-	43	10
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	22,902	3,547	704	4,101	-	3,679	205
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	1	577	281	6	325	11	63	9
1997	-	362	177	15	188	1	42	15
acres treated, 2002	(D)	220,172	166,690	1,900	46,657	4,470	15,664	65
1997	-	156,036	75,693	7,182	66,565	(D)	921	237
Weeds, grass, or brush farms, 2002	1	662	207	110	788	28	296	48
1997	-	550	292	118	651	30	185	29
acres treated, 2002	(D)	267,023	207,401	15,830	163,675	34,294	56,636	3,390
1997	-	286,828	229,208	24,010	163,631	10,092	20,450	2,612
Nematodes farms, 2002	-	18	21	5	1	-	-	5
1997	-	70	26	2	-	-	1	-
acres treated, 2002	-	17,923	5,630	160	(D)	-	-	54
1997	-	19,939	9,654	(D)	-	-	(D)	-
Diseases in crops and orchards farms, 2002	-	21	5	-	37	-	-	1
1997	-	38	2	7	44	-	3	-
acres treated, 2002	-	2,421	1,181	-	996	-	-	(D)
1997	-	10,641	(D)	6,125	14,285	-	87	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	300	63	2	23	-	1	-
1997	-	307	175	10	20	-	-	-
acres on which used, 2002	-	108,422	55,628	(D)	(D)	-	(D)	-
1997	-	152,573	101,644	3,350	9,953	-	-	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Martin	Mason	Matagorda	Maverick	Medina	Menard	Midland	Milam
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	179	232	385	87	671	87	98	1,078
1997	188	238	395	70	805	90	176	1,142
acres treated, 2002	119,246	25,408	140,106	8,407	135,902	6,611	26,033	212,668
1997	134,717	27,835	116,312	10,361	127,348	6,517	27,169	177,816
Cropland fertilized, except cropland pastured farms, 2002	165	129	235	85	553	64	42	520
1997	184	114	282	65	559	57	157	590
acres treated, 2002	118,795	9,262	107,338	6,710	100,984	4,810	11,911	107,819
1997	134,365	7,471	106,384	7,761	97,506	3,513	23,122	109,334
Pastureland and rangeland fertilized farms, 2002	15	131	197	25	242	38	67	845
1997	12	177	137	12	379	42	30	770
acres treated, 2002	451	16,146	32,768	1,697	34,918	1,801	14,122	104,849
1997	352	20,364	9,928	2,600	29,842	3,004	4,047	68,482
Manure farms, 2002	4	1	1	4	33	1	1	153
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	8,108	(D)	(D)	4	725	(D)	(D)	11,528
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	124	27	172	44	178	29	18	332
1997	88	50	189	27	226	2	51	184
acres treated, 2002	73,158	4,311	72,621	3,500	43,748	1,688	8,969	59,255
1997	37,041	4,438	88,934	5,137	50,879	(D)	6,112	63,059
Weeds, grass, or brush farms, 2002	165	204	353	53	540	71	79	718
1997	163	117	319	32	522	68	104	579
acres treated, 2002	129,697	18,070	117,859	6,117	90,897	7,179	15,771	160,054
1997	102,881	12,193	121,933	7,735	70,822	11,688	40,275	107,078
Nematodes farms, 2002	2	9	7	-	1	-	-	8
1997	9	8	13	-	1	-	2	5
acres treated, 2002	(D)	270	1,402	-	(D)	-	-	8
1997	4,689	360	2,751	-	(D)	-	-	6,324
Diseases in crops and orchards farms, 2002	-	15	65	17	44	16	(D)	53
1997	3	35	56	32	71	11	-	55
acres treated, 2002	-	3,232	20,711	1,477	2,277	418	-	2,348
1997	439	3,238	10,612	3,838	4,135	390	-	3,967
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	20	3	52	-	12	10	17	4
1997	118	-	73	1	17	-	27	32
acres on which used, 2002	8,864	915	31,151	-	3,514	50	3,007	3,305
1997	55,528	-	25,313	(D)	2,518	-	10,137	8,446
Item	Mills	Mitchell	Montague	Montgomery	Moore	Morris	Motley	Nacogdoches
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	275	110	776	577	135	222	62	508
1997	382	122	831	715	134	212	60	659
acres treated, 2002	40,632	49,270	67,220	12,774	131,400	11,987	41,185	29,270
1997	36,621	30,089	60,741	20,824	145,518	9,258	28,635	29,541
Cropland fertilized, except cropland pastured farms, 2002	215	99	397	206	132	122	52	276
1997	276	91	487	349	134	157	48	364
acres treated, 2002	24,499	48,180	21,431	5,027	(D)	5,292	27,019	12,375
1997	21,248	25,593	28,296	9,659	144,920	6,270	24,065	11,555
Pastureland and rangeland fertilized farms, 2002	114	12	523	394	4	117	22	335
1997	199	36	475	439	3	63	19	385
acres treated, 2002	16,133	1,090	45,789	7,747	(D)	6,695	14,166	16,895
1997	15,373	4,496	32,445	11,165	598	2,988	4,570	17,986
Manure farms, 2002	9	3	43	130	30	31	12	267
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	585	20	1,188	1,520	10,546	2,388	2,163	18,338
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	67	87	119	119	77	25	36	85
1997	29	77	85	39	104	12	26	57
acres treated, 2002	5,637	54,131	2,527	2,169	59,781	1,197	10,346	1,319
1997	(D)	26,293	2,698	247	87,401	761	9,442	2,398
Weeds, grass, or brush farms, 2002	150	111	582	315	92	96	63	311
1997	115	115	364	177	129	39	62	248
acres treated, 2002	17,529	83,772	45,747	13,352	82,883	14,260	39,980	30,286
1997	13,315	38,304	28,088	3,707	100,923	2,847	37,315	13,498
Nematodes farms, 2002	-	2	-	-	-	-	1	-
1997	1	1	-	-	7	-	-	-
acres treated, 2002	-	(D)	(D)	-	-	-	(D)	-
1997	(D)	(D)	-	-	3,696	-	-	-
Diseases in crops and orchards farms, 2002	11	-	38	16	4	-	7	1
1997	44	-	52	18	4	-	7	12
acres treated, 2002	1,662	-	1,256	207	(D)	-	3,905	(D)
1997	3,729	-	527	169	3,146	-	906	61
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	16	1	-	20	9	3	-
1997	-	51	-	8	20	-	14	10
acres on which used, 2002	-	7,790	(D)	-	8,723	9	946	-
1997	-	7,533	-	14	5,176	-	3,332	10

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Navarro	Newton	Nolan	Nueces	Ochiltree	Oldham	Orange	Palo Pinto
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	714	252	65	351	173	29	195	406
1997	786	250	83	387	208	30	192	505
acres treated, 2002	101,982	6,839	12,613	341,830	160,499	12,329	4,093	29,587
1997	107,296	5,978	19,704	321,175	159,783	17,216	8,510	34,136
Cropland fertilized, except cropland pastured farms, 2002	463	105	55	276	170	29	44	295
1997	411	150	71	354	208	30	63	337
acres treated, 2002	73,863	2,351	10,714	334,908	145,060	(D)	1,017	14,961
1997	78,821	3,324	17,491	316,188	156,298	17,216	2,601	13,906
Pastureland and rangeland fertilized farms, 2002	424	184	10	93	8	1	167	237
1997	443	139	18	62	14	-	149	272
acres treated, 2002	28,119	4,488	1,899	6,922	15,439	(D)	3,076	14,626
1997	28,475	2,654	2,213	4,987	3,485	-	5,909	20,230
Manure farms, 2002	52	7	2	3	10	4	16	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	4,228	336	(D)	3,462	908	(D)	127	116
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	99	40	50	217	37	14	57	58
1997	128	30	95	199	89	16	14	22
acres treated, 2002	33,002	489	21,216	186,375	16,033	5,543	549	5,435
1997	49,023	328	43,780	186,587	36,696	4,728	85	1,015
Weeds, grass, or brush farms, 2002	408	73	63	285	121	53	204	141
1997	387	48	101	304	165	44	42	176
acres treated, 2002	66,863	2,295	37,089	230,999	109,796	43,774	8,044	18,360
1997	73,692	1,049	41,657	206,234	92,012	24,156	743	15,579
Nematodes farms, 2002	-	7	1	8	2	-	-	-
1997	19	-	4	4	3	-	-	-
acres treated, 2002	(D)	7	(D)	9,692	(D)	-	-	-
1997	1,864	-	-	4,120	850	-	-	-
Diseases in crops and orchards farms, 2002	37	-	1	-	-	3	32	3
1997	16	6	-	13	-	2	5	1
acres treated, 2002	1,457	-	(D)	(D)	-	(D)	407	(D)
1997	1,112	12	-	3,675	-	(D)	35	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	10	7	12	90	-	1	6	16
1997	52	6	31	111	-	3	-	1
acres on which used, 2002	9,895	7	4,531	81,823	-	(D)	60	285
1997	20,201	90	9,076	62,533	-	1,830	-	(D)

Item	Panola	Parker	Parmer	Pecos	Polk	Potter	Presidio	Rains
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	543	1,521	399	39	408	31	27	354
1997	487	1,600	442	39	374	26	16	335
acres treated, 2002	33,427	89,983	216,311	19,781	32,075	15,485	2,188	34,559
1997	24,162	79,861	232,717	22,521	15,698	11,194	3,853	22,780
Cropland fertilized, except cropland pastured farms, 2002	157	837	377	37	283	25	27	213
1997	300	1,034	429	34	243	25	16	228
acres treated, 2002	7,263	27,468	198,605	(D)	11,595	13,843	1,704	9,116
1997	12,438	37,251	231,298	19,020	7,934	(D)	(D)	10,218
Pastureland and rangeland fertilized farms, 2002	504	925	87	2	223	8	8	250
1997	232	875	22	7	169	2	1	190
acres treated, 2002	26,164	62,515	17,706	(D)	20,480	1,642	484	25,443
1997	11,724	42,610	1,419	3,501	7,764	(D)	(D)	12,562
Manure farms, 2002	98	234	61	-	21	10	6	76
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	5,349	3,890	26,348	-	296	1,376	68	1,946
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	36	278	343	27	94	16	2	89
1997	43	125	330	23	30	10	6	22
acres treated, 2002	2,772	4,109	116,338	11,542	1,474	1,580	(D)	1,721
1997	1,369	1,845	159,307	10,453	447	2,523	1,717	426
Weeds, grass, or brush farms, 2002	248	895	342	23	158	39	11	142
1997	122	476	290	20	56	32	9	40
acres treated, 2002	18,551	33,570	135,942	32,489	9,786	10,872	(D)	11,642
1997	7,835	28,291	141,474	14,767	704	10,155	1,510	3,643
Nematodes farms, 2002	12	-	44	-	-	-	-	1
1997	-	16	50	-	-	-	-	12
acres treated, 2002	1,943	-	13,743	-	-	-	-	(D)
1997	-	96	16,456	-	-	-	(D)	1,300
Diseases in crops and orchards farms, 2002	17	67	26	4	-	1	-	19
1997	25	77	46	2	17	2	1	15
acres treated, 2002	17	502	7,358	3,285	-	(D)	-	38
1997	378	717	13,693	(D)	41	(D)	(D)	80
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	57	138	12	-	1	-	-
1997	-	18	110	11	12	-	-	1
acres on which used, 2002	-	436	38,698	3,783	-	(D)	-	-
1997	-	207	31,942	4,728	144	-	-	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Randall	Reagan	Real	Red River	Reeves	Refugio	Roberts	Robertson
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	102	49	35	500	31	133	23	865
1997	108	33	48	563	51	130	19	1,051
acres treated, 2002	40,577	11,088	1,181	87,886	16,250	83,006	15,124	147,194
1997	48,574	26,951	1,089	76,515	18,903	103,840	10,698	117,091
Cropland fertilized, except cropland pastured farms, 2002	93	49	22	244	28	54	17	372
1997	101	26	42	307	47	72	16	489
acres treated, 2002	39,716	(D)	826	42,048	15,595	76,618	12,590	46,841
1997	(D)	26,640	999	45,338	17,246	78,003	9,579	53,295
Pastureland and rangeland fertilized farms, 2002	9	1	13	344	5	89	6	679
1997	8	7	6	294	7	73	4	756
acres treated, 2002	861	(D)	355	45,838	655	6,388	2,534	100,353
1997	(D)	311	90	31,177	1,657	25,837	1,119	63,796
Manure farms, 2002	31	-	-	77	3	1	-	130
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	7,137	-	-	7,863	2,464	(D)	-	11,521
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	30	39	16	51	24	37	8	215
1997	63	11	-	23	30	50	5	125
acres treated, 2002	7,308	11,509	228	5,001	3,220	47,914	4,323	43,710
1997	19,524	9,304	-	12,302	8,594	58,888	1,292	34,730
Weeds, grass, or brush farms, 2002	124	41	34	273	20	114	20	536
1997	148	50	22	221	25	92	12	495
acres treated, 2002	49,456	16,117	1,231	83,470	7,204	66,482	17,063	108,600
1997	56,627	31,147	1,739	58,793	7,199	59,821	7,176	76,934
Nematodes farms, 2002	-	1	-	-	-	3	-	16
1997	1	-	-	3	2	-	-	17
acres treated, 2002	(D)	(D)	-	-	-	1,654	-	1,880
1997	(D)	-	-	1,277	(D)	7,508	-	4,025
Diseases in crops and orchards farms, 2002	1	-	10	14	5	1	-	26
1997	17	-	5	2	5	7	-	28
acres treated, 2002	(D)	-	23	1,060	3,867	(D)	-	1,028
1997	2,410	-	-	(D)	539	14,606	-	4,554
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	4	12	5	32	4	26	-	15
1997	2	27	-	19	6	27	-	43
acres on which used, 2002	(D)	4,696	15	1,610	1,429	24,801	-	(D)
1997	(D)	21,358	-	6,204	2,534	16,820	-	10,335
Item	Rockwall	Runnels	Rusk	Sabine	San Augustine	San Jacinto	San Patricio	San Saba
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	131	363	675	86	83	266	245	383
1997	160	385	676	123	173	258	324	300
acres treated, 2002	14,596	113,188	32,798	6,418	7,399	8,614	237,357	64,293
1997	20,969	92,549	46,776	4,763	8,289	13,066	243,791	34,661
Cropland fertilized, except cropland pastured farms, 2002	68	351	350	59	42	112	233	226
1997	74	340	317	81	84	140	251	246
acres treated, 2002	11,913	106,876	14,104	1,990	2,321	3,238	232,938	23,732
1997	16,850	87,516	20,169	2,517	3,858	5,854	237,518	30,393
Pastureland and rangeland fertilized farms, 2002	83	75	419	59	58	207	39	197
1997	101	107	432	53	106	152	93	101
acres treated, 2002	2,683	6,312	18,694	4,428	5,078	5,376	4,419	40,561
1997	4,119	5,033	26,607	2,246	4,431	7,212	6,273	4,268
Manure farms, 2002	-	1	59	21	57	16	13	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	(D)	9,554	4,981	4,057	1,500	85	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	46	156	90	5	22	30	192	199
1997	14	153	46	13	26	11	183	88
acres treated, 2002	3,436	70,317	3,436	350	1,720	1,159	145,870	13,985
1997	8,459	46,543	2,828	466	753	74	150,987	14,387
Weeds, grass, or brush farms, 2002	92	318	303	40	96	109	225	236
1997	43	199	223	36	77	41	212	147
acres treated, 2002	5,977	113,236	20,044	1,292	10,542	6,027	166,481	29,901
1997	17,311	46,138	7,192	1,438	6,309	1,549	169,442	24,177
Nematodes farms, 2002	-	-	-	-	-	-	14	-
1997	-	8	-	-	-	-	6	4
acres treated, 2002	-	-	-	-	-	-	9,561	-
1997	-	2,188	-	-	-	-	1,920	(D)
Diseases in crops and orchards farms, 2002	-	1	19	4	-	35	13	81
1997	3	9	29	1	6	7	24	79
acres treated, 2002	-	(D)	380	8	-	415	3,641	8,983
1997	354	1,391	2,660	(D)	24	49	30,033	6,850
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	40	1	-	-	-	133	-
1997	1	51	-	-	6	7	109	-
acres on which used, 2002	-	21,042	(D)	-	-	-	87,003	-
1997	(D)	20,769	-	-	462	84	63,368	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Schleicher	Scurry	Shackelford	Shelby	Sherman	Smith	Somervell	Starr
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	13	133	68	426	155	1,081	104	52
1997	30	137	116	565	184	1,421	195	55
acres treated, 2002	1,935	50,897	26,453	25,859	199,471	71,240	2,865	38,260
1997	4,593	25,491	22,004	29,411	179,287	58,914	7,470	40,581
Cropland fertilized, except cropland pastured farms, 2002	13	133	61	179	151	654	84	52
1997	23	77	96	348	183	768	159	50
acres treated, 2002	1,935	(D)	17,130	6,323	188,457	39,313	1,866	(D)
1997	4,243	21,572	16,802	13,535	176,127	20,059	3,991	38,763
Pastureland and rangeland fertilized farms, 2002	-	8	17	298	25	631	35	2
1997	7	64	33	287	8	857	103	6
acres treated, 2002	-	(D)	9,323	19,536	11,014	31,927	999	(D)
1997	350	3,919	5,202	15,876	3,160	38,855	3,479	1,818
Manure farms, 2002	-	15	-	267	32	12	-	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	9,745	-	20,180	23,275	420	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	3	100	28	132	90	406	25	29
1997	7	69	27	54	136	98	8	15
acres treated, 2002	3,000	54,118	6,213	3,430	68,928	19,800	345	3,625
1997	2,670	32,750	4,629	2,007	93,873	884	120	13,886
Weeds, grass, or brush farms, 2002	49	143	44	365	110	589	78	24
1997	43	130	53	213	161	352	60	51
acres treated, 2002	15,859	71,845	7,130	21,316	110,906	38,909	3,899	12,840
1997	8,034	56,681	8,512	16,772	112,750	14,637	2,093	32,244
Nematodes farms, 2002	-	-	-	1	5	-	-	22
1997	-	-	-	-	7	12	-	4
acres treated, 2002	-	-	-	(D)	2,092	-	-	1,555
1997	-	-	-	-	5,313	295	-	4,607
Diseases in crops and orchards farms, 2002	-	17	-	-	2	43	8	22
1997	-	-	6	8	17	51	-	5
acres treated, 2002	-	223	-	-	(D)	909	8	929
1997	-	-	366	121	8,820	485	-	7,818
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	21	-	-	11	14	-	2
1997	-	40	2	11	30	9	-	5
acres on which used, 2002	-	9,249	-	-	4,178	70	-	(D)
1997	-	11,307	(D)	120	5,938	36	-	2,427
Item	Stephens	Sterling	Stonewall	Sutton	Swisher	Tarrant	Taylor	Terrell
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	105	5	71	23	214	379	271	3
1997	123	8	56	16	242	528	428	7
acres treated, 2002	12,972	409	20,558	2,355	151,461	45,815	95,362	(D)
1997	9,010	1,459	17,216	1,201	127,950	37,170	43,632	2,030
Cropland fertilized, except cropland pastured farms, 2002	98	5	63	14	214	243	248	1
1997	84	6	33	15	232	356	360	6
acres treated, 2002	9,750	409	18,706	1,325	137,806	22,061	58,497	(D)
1997	5,164	(D)	13,178	787	126,805	32,681	41,914	(D)
Pastureland and rangeland fertilized farms, 2002	26	-	14	10	14	252	64	3
1997	52	2	25	4	30	251	108	1
acres treated, 2002	3,222	-	1,852	1,030	13,655	23,754	36,865	608
1997	3,846	(D)	4,038	414	1,145	4,489	1,718	(D)
Manure farms, 2002	-	-	2	-	39	67	82	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	-	-	(D)	-	14,116	346	3,558	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	9	1	22	9	179	87	181	1
1997	2	1	18	5	155	34	93	-
acres treated, 2002	(D)	(D)	5,603	1,296	81,893	4,121	39,356	(D)
1997	(D)	(D)	7,471	35	86,430	534	26,645	-
Weeds, grass, or brush farms, 2002	45	8	42	47	193	266	166	4
1997	45	4	29	30	187	261	183	4
acres treated, 2002	6,648	(D)	11,906	7,984	107,601	9,757	36,595	1,556
1997	8,083	(D)	14,033	4,012	107,349	14,022	33,938	(D)
Nematodes farms, 2002	-	-	-	-	4	1	-	1
1997	-	-	-	-	7	2	-	-
acres treated, 2002	-	-	-	-	3,278	(D)	-	(D)
1997	-	-	-	-	3,579	(D)	-	-
Diseases in crops and orchards farms, 2002	1	-	2	-	13	2	1	1
1997	-	-	-	3	13	11	1	-
acres treated, 2002	(D)	-	(D)	-	6,512	(D)	(D)	(D)
1997	-	-	-	234	1,732	11	(D)	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	3	-	-	61	1	-	-
1997	-	1	4	1	55	11	28	-
acres on which used, 2002	-	120	-	-	34,900	(D)	-	-
1997	-	(D)	616	(D)	17,093	11	5,556	-

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Terry	Throckmorton	Titus	Tom Green	Travis	Trinity	Tyler	Upshur
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	371	120	220	253	439	361	312	462
1997	413	122	370	268	548	392	299	736
acres treated, 2002	239,040	38,454	19,626	75,089	42,900	42,911	11,578	25,677
1997	273,169	55,491	20,097	72,674	56,490	25,614	11,121	36,493
Cropland fertilized, except cropland pastured farms, 2002	363	105	114	233	235	238	196	336
1997	403	114	218	219	312	234	102	362
acres treated, 2002	238,069	31,318	7,335	74,616	34,465	17,198	4,009	12,063
1997	272,958	53,155	9,134	70,427	41,140	7,812	3,097	17,718
Pastureland and rangeland fertilized farms, 2002	13	32	147	31	243	209	185	252
1997	13	20	192	57	328	226	209	497
acres treated, 2002	971	7,136	12,291	473	8,435	25,713	7,569	13,614
1997	211	2,336	10,963	2,247	15,350	17,802	8,024	18,775
Manure farms, 2002	3	-	84	57	90	11	22	28
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,022	-	9,039	18,455	1,709	497	632	3,149
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	332	20	24	175	133	56	44	119
1997	292	26	8	216	150	18	14	28
acres treated, 2002	158,639	12,912	587	44,030	14,618	1,977	702	2,597
1997	169,037	23,342	(D)	71,411	24,440	858	201	319
Weeds, grass, or brush farms, 2002	296	46	135	247	265	93	127	196
1997	305	55	49	216	256	28	37	174
acres treated, 2002	203,014	14,901	10,467	106,762	23,265	14,226	3,919	18,552
1997	218,859	18,011	5,291	84,291	21,740	2,324	1,382	16,235
Nematodes farms, 2002	75	2	-	-	-	-	-	-
1997	188	-	-	3	-	-	-	-
acres treated, 2002	59,161	(D)	-	(D)	-	-	-	-
1997	110,179	-	-	-	-	-	-	-
Diseases in crops and orchards farms, 2002	17	-	-	42	43	36	11	32
1997	80	-	-	21	24	-	-	-
acres treated, 2002	7,536	-	-	511	960	528	121	272
1997	32,395	-	-	2,451	10,029	-	-	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	112	-	-	49	63	-	-	-
1997	253	-	1	93	15	-	-	2
acres on which used, 2002	68,399	-	-	29,647	3,930	-	-	-
1997	122,739	-	(D)	29,272	2,128	-	-	(D)

Item	Upton	Uvalde	Val Verde	Van Zandt	Victoria	Walker	Waller	Ward
Commercial fertilizer, lime, and soil conditioners ¹ farms, 2002	19	200	37	1,296	596	403	661	12
1997	22	240	82	1,843	549	725	551	15
acres treated, 2002	8,012	96,322	1,647	109,755	118,042	18,792	55,629	471
1997	9,773	82,461	2,999	100,404	104,637	31,478	45,989	1,253
Cropland fertilized, except cropland pastured farms, 2002	19	173	31	665	199	199	359	11
1997	17	183	57	926	286	361	337	13
acres treated, 2002	(D)	78,187	1,422	36,829	78,360	6,021	36,070	(D)
1997	8,771	74,446	2,165	43,633	91,848	10,365	30,331	(D)
Pastureland and rangeland fertilized farms, 2002	1	60	6	855	317	276	348	1
1997	5	63	32	1,094	318	464	267	2
acres treated, 2002	(D)	18,135	225	72,926	39,682	12,771	19,559	(D)
1997	1,002	8,015	834	56,771	12,789	21,113	15,658	(D)
Manure farms, 2002	3	16	1	51	-	54	41	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	(D)	892	(D)	3,905	-	2,529	4,290	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ² farms, 2002	17	82	11	420	210	76	168	2
1997	14	91	14	177	89	45	112	2
acres treated, 2002	4,573	34,648	630	18,009	51,979	2,544	23,313	(D)
1997	3,168	44,515	160	5,709	74,384	828	17,142	(D)
Weeds, grass, or brush farms, 2002	10	182	19	525	567	216	370	5
1997	13	103	36	383	458	175	241	15
acres treated, 2002	6,097	54,598	1,582	50,750	92,391	19,218	46,135	361
1997	8,728	35,422	1,647	28,491	91,072	17,549	29,220	2,407
Nematodes farms, 2002	-	1	-	15	17	-	-	-
1997	-	4	-	56	2	8	14	1
acres treated, 2002	-	(D)	-	672	1,785	-	-	-
1997	-	(D)	-	2,013	(D)	16	2,236	(D)
Diseases in crops and orchards farms, 2002	4	15	-	31	37	3	74	1
1997	4	37	-	46	19	29	39	1
acres treated, 2002	4	3,586	-	545	145	52	11,552	(D)
1997	63	4,971	-	448	4,482	176	3,282	(D)
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	3	42	-	9	29	2	5	-
1997	13	31	-	-	30	19	1	2
acres on which used, 2002	755	6,381	-	855	8,559	(D)	18	-
1997	7,468	7,460	-	-	9,975	245	(D)	(D)

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

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

Item	Washington	Webb	Wharton	Wheeler	Wichita	Wilbarger	Willacy	Williamson
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	1,241	55	949	208	316	265	179	1,210
1997	1,466	34	944	169	325	311	205	1,265
acres treated, 2002	81,485	10,194	269,261	72,017	84,713	142,924	181,129	248,108
1997	78,257	6,742	296,983	73,010	77,464	165,131	183,707	202,970
Cropland fertilized, except cropland pastured								
farms, 2002	611	41	696	109	291	246	161	886
1997	823	30	655	99	261	266	170	918
acres treated, 2002	18,246	5,300	223,625	40,568	76,044	117,760	176,934	203,345
1997	29,800	2,666	252,356	37,626	66,336	154,410	175,057	173,252
Pastureland and rangeland fertilized								
farms, 2002	885	26	419	133	65	104	38	672
1997	867	5	412	113	110	114	40	564
acres treated, 2002	63,239	4,894	45,636	31,449	8,669	25,164	4,195	44,763
1997	48,457	4,076	44,627	35,384	11,128	10,721	8,650	29,718
Manure								
farms, 2002	28	1	6	3	61	1	-	66
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	985	(D)	2,489	1,000	2,286	(D)	(D)	578
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ²								
farms, 2002	128	14	451	15	133	102	90	372
1997	34	2	419	9	44	126	140	353
acres treated, 2002	1,552	2,254	190,091	3,699	23,696	46,062	59,659	127,685
1997	1,316	(D)	176,119	7,057	19,060	45,532	109,855	102,915
Weeds, grass, or brush								
farms, 2002	649	48	650	64	193	232	148	957
1997	490	25	571	47	78	132	114	866
acres treated, 2002	50,887	22,994	267,349	24,595	47,055	150,311	105,957	185,264
1997	32,413	4,835	198,682	15,238	33,717	58,255	139,175	151,833
Nematodes								
farms, 2002	23	1	26	1	38	11	18	15
1997	-	-	14	-	1	-	13	44
acres treated, 2002	830	(D)	25,161	(D)	2,126	3,718	10,384	11,834
1997	-	-	16,389	(D)	(D)	-	15,093	11,023
Diseases in crops and orchards								
farms, 2002	24	1	91	1	-	10	4	54
1997	29	-	123	1	-	9	4	62
acres treated, 2002	456	(D)	48,566	-	-	3,508	1,777	3,030
1997	366	-	47,386	(D)	(D)	2,527	7,155	3,284
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	1	-	161	2	18	7	35	18
1997	18	-	134	-	10	21	73	134
acres on which used, 2002	(D)	-	54,747	(D)	54	1,234	18,945	9,180
1997	270	-	33,490	-	2,013	5,200	55,920	23,458
Item	Wilson	Winkler	Wise	Wood	Yoakum	Young	Zapata	Zavala
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	1,097	9	1,545	725	143	222	4	70
1997	1,285	5	1,411	920	173	434	3	87
acres treated, 2002	105,209	246	133,803	51,341	143,460	30,173	2,200	44,380
1997	128,615	(D)	82,384	53,402	150,015	52,133	(D)	25,747
Cropland fertilized, except cropland pastured								
farms, 2002	513	7	1,020	492	143	110	2	63
1997	759	3	903	599	173	321	3	70
acres treated, 2002	51,891	(D)	78,260	24,625	(D)	16,309	(D)	27,181
1997	77,740	(D)	35,918	26,264	149,501	39,411	(D)	22,572
Pastureland and rangeland fertilized								
farms, 2002	838	5	920	401	5	134	2	22
1997	768	2	795	474	5	184	-	17
acres treated, 2002	53,318	(D)	55,543	26,716	(D)	13,864	(D)	17,199
1997	50,875	(D)	46,466	27,138	514	12,722	-	3,175
Manure								
farms, 2002	6	2	265	79	5	8	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,610	(D)	3,677	3,718	(D)	561	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects ²								
farms, 2002	179	6	331	229	117	19	2	25
1997	136	1	99	62	115	59	2	48
acres treated, 2002	16,620	(D)	19,886	5,337	73,700	3,201	(D)	22,532
1997	12,996	(D)	3,768	3,792	87,951	7,343	(D)	17,753
Weeds, grass, or brush								
farms, 2002	744	5	929	349	104	52	30	48
1997	853	5	511	191	120	151	7	57
acres treated, 2002	59,085	17	65,866	17,654	110,853	10,276	1,955	41,687
1997	72,342	(D)	42,368	12,578	106,372	13,930	546	18,100
Nematodes								
farms, 2002	2	-	38	15	22	-	1	3
1997	13	-	6	18	58	-	-	2
acres treated, 2002	(D)	-	485	123	8,045	-	(D)	2,763
1997	1,460	-	60	1,390	35,502	-	-	(D)
Diseases in crops and orchards								
farms, 2002	26	-	36	48	14	9	1	25
1997	61	1	52	44	24	16	1	17
acres treated, 2002	845	-	1,252	588	4,533	819	(D)	4,760
1997	6,351	(D)	1,424	1,122	13,788	32	(D)	6,474
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	3	-	-	-	60	1	-	18
1997	42	1	27	7	77	8	1	15
acres on which used, 2002	1,000	-	-	-	35,399	(D)	-	14,875
1997	2,303	(D)	505	35	62,685	24	(D)	1,764

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.