

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987

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

| Chemicals used | County | | | | | | |
|--|------------|----------|---------|----------|---------|--------|-----------|
| | Texas | Anderson | Andrews | Angelina | Aransas | Archer | Armstrong |
| Commercial fertilizer -----farms, 1992 -- | 96 585 | 1 063 | 41 | 409 | 12 | 257 | 87 |
| 1987 -- | 98 114 | 1 033 | 49 | 419 | 20 | 247 | 55 |
| acres on which used, 1992 -- | 16 501 174 | 74 716 | 15 695 | 17 087 | 289 | 63 733 | 37 725 |
| 1987 -- | 14 393 906 | 61 210 | 22 055 | 13 723 | 2 021 | 55 436 | 21 889 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 67 926 | 528 | 34 | 231 | 11 | 248 | 87 |
| 1987 -- | 68 218 | 536 | 37 | 247 | 11 | 208 | 55 |
| acres on which used, 1992 -- | 13 076 296 | 26 127 | 15 683 | 4 470 | 174 | 61 025 | 37 503 |
| 1987 -- | 11 138 183 | 18 799 | 21 443 | 4 519 | (D) | 48 354 | 21 889 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 41 591 | 654 | 7 | 217 | 4 | 22 | 9 |
| 1987 -- | 42 623 | 617 | 14 | 217 | 9 | 55 | -- |
| acres on which used, 1992 -- | 3 424 878 | 48 589 | 12 | 12 617 | 115 | 2 708 | 222 |
| 1987 -- | 3 255 723 | 42 411 | 612 | 9 204 | (D) | 7 082 | -- |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 18 555 | 80 | 22 | 18 | 1 | 85 | 19 |
| 1987 -- | 26 672 | 194 | 18 | 77 | 5 | 81 | 42 |
| acres on which used, 1992 -- | 5 296 632 | 3 748 | 3 069 | 293 | (D) | 19 108 | 9 041 |
| 1987 -- | 6 058 337 | 7 395 | 15 747 | 701 | (D) | 17 024 | 13 255 |
| Nematodes in crops -----farms, 1992 -- | 1 993 | 8 | 6 | -- | -- | 1 | -- |
| 1987 -- | 2 461 | -- | 2 | -- | -- | 4 | -- |
| acres on which used, 1992 -- | 616 924 | (D) | 1 211 | -- | -- | (D) | -- |
| 1987 -- | 554 418 | -- | (D) | -- | -- | 180 | -- |
| Diseases in crops and orchards -----farms, 1992 -- | 5 954 | 40 | 4 | 2 | -- | 3 | 1 |
| 1987 -- | 6 983 | 57 | 12 | 41 | 1 | -- | 9 |
| acres on which used, 1992 -- | 774 157 | 410 | (D) | (D) | -- | (D) | (D) |
| 1987 -- | 658 049 | 349 | 36 | 666 | (D) | -- | 3 313 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 46 225 | 397 | 29 | 39 | 11 | 74 | 70 |
| 1987 -- | 56 471 | 386 | 45 | 112 | 8 | 78 | 101 |
| acres on which used, 1992 -- | 11 245 921 | 40 473 | 19 320 | 3 177 | 1 468 | 19 317 | 28 427 |
| 1987 -- | 10 791 644 | 22 880 | 19 954 | 5 967 | (D) | 20 982 | 48 081 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 6 110 | 1 | 8 | 16 | -- | 6 | -- |
| 1987 -- | 8 988 | 6 | 12 | 12 | 2 | 9 | 7 |
| acres on which used, 1992 -- | 1 778 488 | (D) | 3 525 | 16 | -- | 400 | -- |
| 1987 -- | 1 832 217 | 90 | 10 638 | 36 | (D) | 1 490 | 840 |

| Chemicals used | County | | | | | | |
|--|----------|--------|---------|---------|---------|--------|--------|
| | Atascosa | Austin | Bailey | Bandera | Bastrop | Baylor | Bee |
| Commercial fertilizer -----farms, 1992 -- | 605 | 1 051 | 235 | 165 | 911 | 212 | 314 |
| 1987 -- | 682 | 1 059 | 243 | 134 | 885 | 216 | 356 |
| acres on which used, 1992 -- | 81 821 | 73 144 | 101 382 | 5 998 | 66 525 | 83 853 | 81 013 |
| 1987 -- | 101 910 | 52 830 | 81 235 | 4 462 | 60 742 | 65 200 | 96 352 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 404 | 640 | 230 | 126 | 430 | 212 | 180 |
| 1987 -- | 509 | 649 | 240 | 119 | 442 | 209 | 187 |
| acres on which used, 1992 -- | 50 558 | 30 839 | 95 606 | 4 592 | 21 133 | 74 925 | 58 078 |
| 1987 -- | 57 935 | 27 530 | 79 114 | 2 920 | 19 897 | 61 180 | 61 418 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 240 | 554 | 28 | 40 | 570 | 26 | 169 |
| 1987 -- | 343 | 583 | 8 | 22 | 530 | 27 | 210 |
| acres on which used, 1992 -- | 31 263 | 42 305 | 5 776 | 1 406 | 45 392 | 8 928 | 22 935 |
| 1987 -- | 43 975 | 25 300 | 2 121 | 1 542 | 40 845 | 4 020 | 34 934 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 91 | 58 | 96 | 67 | 95 | 20 | 74 |
| 1987 -- | 164 | 119 | 205 | 34 | 117 | 83 | 87 |
| acres on which used, 1992 -- | 18 789 | 6 673 | 32 956 | 993 | 4 739 | 6 434 | 27 506 |
| 1987 -- | 22 344 | 7 747 | 67 021 | 1 009 | 5 831 | 23 986 | 30 030 |
| Nematodes in crops -----farms, 1992 -- | 7 | 8 | 14 | 4 | 12 | -- | 2 |
| 1987 -- | 26 | 12 | 39 | -- | 14 | 12 | 3 |
| acres on which used, 1992 -- | 1 537 | 2 014 | 5 472 | 4 | 2 148 | -- | (D) |
| 1987 -- | 4 795 | 471 | 6 563 | -- | 944 | 1 340 | 1 950 |
| Diseases in crops and orchards -----farms, 1992 -- | 82 | 16 | 7 | 39 | 15 | 1 | 28 |
| 1987 -- | 100 | 34 | 17 | 18 | 41 | 14 | 14 |
| acres on which used, 1992 -- | 11 103 | 1 854 | 2 177 | 679 | 1 015 | (D) | (D) |
| 1987 -- | 10 526 | 3 773 | 2 027 | 196 | 1 865 | 658 | 258 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 314 | 376 | 201 | 93 | 462 | 41 | 108 |
| 1987 -- | 323 | 464 | 248 | 63 | 525 | 83 | 223 |
| acres on which used, 1992 -- | 52 998 | 47 922 | 89 939 | 7 870 | 51 673 | 20 525 | 32 572 |
| 1987 -- | 42 321 | 40 705 | 86 934 | 7 087 | 40 045 | 22 153 | 69 781 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 3 | 14 | 3 | 9 | 4 | 19 | 17 |
| 1987 -- | 1 | 20 | 61 | -- | 27 | 22 | 13 |
| acres on which used, 1992 -- | 364 | 2 384 | 998 | 9 | 813 | 2 091 | 2 425 |
| 1987 -- | (D) | 947 | 13 985 | -- | 920 | 2 772 | 1 321 |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –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, 1992 -- | 937 | 872 | 245 | 40 | 526 | 628 | 616 |
| 1987 -- | 955 | 807 | 182 | 26 | 561 | 625 | 627 |
| acres on which used, 1992 -- | 147 856 | 65 266 | 9 261 | 14 081 | 60 682 | 50 385 | 108 879 |
| 1987 -- | 123 532 | 82 079 | 13 965 | 8 326 | 61 404 | 52 760 | 69 420 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 714 | 658 | 195 | 39 | 429 | 381 | 386 |
| 1987 -- | 667 | 609 | 114 | 26 | 473 | 327 | 436 |
| acres on which used, 1992 -- | 119 651 | 47 956 | 4 990 | (D) | 43 570 | 25 648 | 65 116 |
| 1987 -- | 98 537 | 57 705 | 3 416 | 8 326 | 45 010 | 27 368 | 59 205 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 372 | 390 | 98 | 1 | 186 | 341 | 275 |
| 1987 -- | 443 | 344 | 84 | — | 175 | 374 | 233 |
| acres on which used, 1992 -- | 28 205 | 17 310 | 4 271 | (D) | 17 112 | 24 737 | 43 763 |
| 1987 -- | 24 995 | 24 374 | 10 549 | — | 16 394 | 25 392 | 10 215 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 229 | 119 | 35 | 11 | 44 | 56 | 160 |
| 1987 -- | 243 | 163 | 11 | 20 | 102 | 70 | 232 |
| acres on which used, 1992 -- | 55 329 | 9 824 | 341 | 2 779 | 11 215 | 10 480 | 51 646 |
| 1987 -- | 35 937 | 10 454 | 355 | 2 216 | 11 156 | 4 912 | 39 244 |
| Nematodes in crops -----farms, 1992 -- | 21 | 20 | 1 | — | 7 | 6 | — |
| 1987 -- | 10 | 9 | 9 | 3 | 1 | 1 | 13 |
| acres on which used, 1992 -- | 6 137 | 3 682 | (D) | — | 1 190 | 18 | — |
| 1987 -- | 1 671 | 302 | 9 | 99 | (D) | (D) | 3 684 |
| Diseases in crops and orchards -----farms, 1992 -- | 45 | 51 | 28 | 1 | 9 | 34 | 103 |
| 1987 -- | 31 | 67 | 1 | — | 27 | 31 | 136 |
| acres on which used, 1992 -- | 3 128 | 1 716 | 154 | (D) | (D) | 7 307 | 18 670 |
| 1987 -- | 843 | 2 680 | (D) | — | 3 265 | 3 603 | 13 287 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 547 | 354 | 96 | 59 | 204 | 174 | 293 |
| 1987 -- | 663 | 450 | 150 | 76 | 232 | 345 | 424 |
| acres on which used, 1992 -- | 84 618 | 27 242 | 6 846 | 31 427 | 40 208 | 33 445 | 103 360 |
| 1987 -- | 69 291 | 41 562 | 10 629 | 36 182 | 26 642 | 32 504 | 60 428 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 63 | 14 | — | 18 | 5 | 2 | 21 |
| 1987 -- | 79 | 7 | — | 28 | — | 2 | 38 |
| acres on which used, 1992 -- | 8 070 | 394 | — | 6 337 | 190 | (D) | 4 348 |
| 1987 -- | 5 448 | 49 | — | 6 901 | — | (D) | 3 468 |

| Chemicals used | Brazos | Brewster | Briscoe | Brooks | Brown | Burleson | Burnet |
|--|--------|----------|---------|--------|--------|----------|--------|
| Commercial fertilizer -----farms, 1992 -- | 567 | 11 | 98 | 87 | 406 | 768 | 333 |
| 1987 -- | 517 | 12 | 97 | 85 | 404 | 810 | 332 |
| acres on which used, 1992 -- | 54 816 | 2 173 | 42 062 | 17 868 | 41 896 | 96 908 | 23 013 |
| 1987 -- | 60 047 | (D) | 33 156 | 10 766 | 46 646 | 61 144 | 19 577 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 339 | 9 | 97 | 55 | 326 | 388 | 196 |
| 1987 -- | 291 | 12 | 97 | 39 | 300 | 384 | 271 |
| acres on which used, 1992 -- | 27 672 | (D) | (D) | 8 660 | 28 679 | 34 786 | 8 921 |
| 1987 -- | 28 278 | 299 | 33 156 | 5 956 | 32 624 | 24 404 | 10 114 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 330 | 4 | 1 | 40 | 142 | 522 | 152 |
| 1987 -- | 307 | 1 | — | 60 | 161 | 529 | 118 |
| acres on which used, 1992 -- | 27 144 | (D) | (D) | 9 208 | 13 217 | 62 122 | 14 092 |
| 1987 -- | 31 769 | (D) | — | 4 810 | 14 022 | 36 740 | 9 463 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 47 | 7 | 32 | 17 | 78 | 50 | 24 |
| 1987 -- | 67 | 8 | 96 | 20 | 100 | 97 | 22 |
| acres on which used, 1992 -- | 13 385 | 17 | 15 580 | 5 306 | 4 163 | 19 699 | 893 |
| 1987 -- | 15 876 | 25 | 30 868 | 3 901 | 5 009 | 13 946 | 620 |
| Nematodes in crops -----farms, 1992 -- | 2 | — | 10 | — | — | 2 | 1 |
| 1987 -- | 3 | 4 | 3 | — | 29 | 2 | — |
| acres on which used, 1992 -- | (D) | — | 2 972 | — | — | (D) | (D) |
| 1987 -- | 1 865 | 4 | 955 | — | 729 | (D) | — |
| Diseases in crops and orchards -----farms, 1992 -- | 24 | 6 | 5 | 11 | 48 | 2 | 2 |
| 1987 -- | 25 | 2 | 17 | — | 42 | 4 | 13 |
| acres on which used, 1992 -- | 669 | 12 | 1 852 | 520 | 4 326 | (D) | (D) |
| 1987 -- | 2 870 | (D) | 1 801 | — | 1 479 | 288 | 292 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 295 | 20 | 82 | 22 | 191 | 411 | 135 |
| 1987 -- | 239 | 19 | 105 | 44 | 245 | 479 | 171 |
| acres on which used, 1992 -- | 46 146 | 2 421 | 30 983 | 15 095 | 19 793 | 54 808 | 11 200 |
| 1987 -- | 54 733 | 6 683 | 37 089 | 6 775 | 19 547 | 47 631 | 14 311 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 26 | 3 | 10 | 2 | 2 | 39 | 6 |
| 1987 -- | 28 | — | 49 | 1 | 5 | 28 | 15 |
| acres on which used, 1992 -- | 10 741 | 3 | 3 426 | (D) | (D) | 14 485 | 180 |
| 1987 -- | 9 806 | — | 6 053 | (D) | 15 | 6 538 | 770 |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –Con.

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

| Chemicals used | County | | | | | | | |
|--|----------|---------|----------|---------|--------|---------|--------|--|
| | Caldwell | Calhoun | Callahan | Cameron | Camp | Carson | Cass | |
| Commercial fertilizer -----farms, 1992 -- | 456 | 114 | 439 | 647 | 237 | 213 | 491 | |
| 1987 -- | 537 | 177 | 472 | 684 | 226 | 190 | 605 | |
| acres on which used, 1992 -- | 53 479 | 46 702 | 40 960 | 170 711 | 20 243 | 119 801 | 25 519 | |
| 1987 -- | 60 285 | 39 004 | 41 514 | 167 612 | 14 520 | 90 083 | 26 370 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 254 | 86 | 351 | 595 | 161 | 212 | 295 | |
| 1987 -- | 220 | 128 | 401 | 643 | 144 | 190 | 346 | |
| acres on which used, 1992 -- | 30 839 | 42 103 | 28 817 | 167 076 | 11 630 | 119 341 | 12 387 | |
| 1987 -- | 22 720 | 36 223 | 36 707 | 163 185 | 7 948 | 87 486 | 13 262 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 254 | 34 | 135 | 95 | 110 | 3 | 252 | |
| 1987 -- | 371 | 59 | 117 | 105 | 102 | 8 | 359 | |
| acres on which used, 1992 -- | 22 640 | 4 599 | 12 143 | 3 635 | 8 613 | 460 | 13 132 | |
| 1987 -- | 37 565 | 2 781 | 4 807 | 4 427 | 6 572 | 2 597 | 13 108 | |
| Sprays, dusts, granules, fumigants, etc., to control ----- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 80 | 76 | 22 | 412 | 20 | 125 | 76 | |
| 1987 -- | 69 | 103 | 72 | 623 | 26 | 147 | 62 | |
| acres on which used, 1992 -- | 14 375 | 31 842 | 1 526 | 110 017 | 731 | 35 428 | 1 741 | |
| 1987 -- | 9 973 | 19 157 | 4 348 | 120 402 | (D) | 52 240 | 938 | |
| Nematodes in crops -----farms, 1992 -- | -- | 4 | 9 | 47 | -- | -- | -- | |
| 1987 -- | -- | 8 | -- | 96 | -- | 5 | -- | |
| acres on which used, 1992 -- | -- | 3 482 | 170 | 10 824 | -- | -- | -- | |
| 1987 -- | -- | 1 702 | -- | 11 200 | -- | 2 123 | -- | |
| Diseases in crops and orchards -----farms, 1992 -- | 15 | 8 | 31 | 135 | 15 | 22 | 7 | |
| 1987 -- | 20 | 1 | 33 | 204 | 20 | 6 | 26 | |
| acres on which used, 1992 -- | 267 | 922 | 2 799 | 10 885 | 540 | 6 910 | 11 | |
| 1987 -- | 749 | (D) | 477 | 9 294 | (D) | 2 073 | 558 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 303 | 103 | 135 | 348 | 64 | 150 | 91 | |
| 1987 -- | 418 | 149 | 165 | 454 | 77 | 222 | 208 | |
| acres on which used, 1992 -- | 36 734 | 35 752 | 17 076 | 99 192 | 6 023 | 63 845 | 7 963 | |
| 1987 -- | 61 589 | 37 162 | 17 182 | 103 480 | 11 950 | 100 829 | 12 372 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 21 | 37 | -- | 256 | -- | 5 | -- | |
| 1987 -- | 40 | 10 | -- | 329 | -- | 2 | 1 | |
| acres on which used, 1992 -- | 5 878 | 10 841 | -- | 62 840 | -- | 895 | -- | |
| 1987 -- | 2 666 | 220 | -- | 77 190 | -- | (D) | (D) | |

| Chemicals used | County | | | | | | |
|--|---------|----------|----------|-----------|---------|---------|--------|
| | Castro | Chambers | Cherokee | Childress | Clay | Cochran | Coke |
| Commercial fertilizer -----farms, 1992 -- | 351 | 181 | 939 | 126 | 507 | 102 | 38 |
| 1987 -- | 443 | 170 | 960 | 127 | 453 | 177 | 21 |
| acres on which used, 1992 -- | 193 523 | 27 183 | 63 047 | 78 657 | 104 865 | 101 001 | 2 510 |
| 1987 -- | 167 694 | 33 293 | 50 991 | 40 236 | 84 795 | 105 275 | 2 514 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 349 | 140 | 533 | 116 | 386 | 102 | 28 |
| 1987 -- | 441 | 125 | 612 | 118 | 390 | 171 | 20 |
| acres on which used, 1992 -- | 190 075 | 24 478 | 25 405 | 75 983 | 81 603 | (D) | 2 410 |
| 1987 -- | 163 331 | 27 906 | 16 948 | 39 101 | 68 924 | 104 965 | (D) |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 17 | 54 | 500 | 22 | 193 | 1 | 10 |
| 1987 -- | 25 | 58 | 464 | 11 | 134 | 7 | 1 |
| acres on which used, 1992 -- | 3 448 | 2 705 | 37 642 | 2 674 | 23 262 | (D) | 100 |
| 1987 -- | 4 363 | 5 387 | 34 043 | 1 135 | 15 871 | 310 | (D) |
| Sprays, dusts, granules, fumigants, etc., to control ----- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 218 | 58 | 103 | 41 | 68 | 27 | 8 |
| 1987 -- | 421 | 74 | 192 | 65 | 177 | 56 | 8 |
| acres on which used, 1992 -- | 83 421 | 8 649 | 3 680 | 18 547 | 8 745 | 23 113 | (D) |
| 1987 -- | 129 841 | 15 511 | 6 877 | 16 951 | 34 117 | 41 908 | 215 |
| Nematodes in crops -----farms, 1992 -- | 40 | 2 | 14 | 2 | 2 | 21 | -- |
| 1987 -- | 78 | -- | 15 | 1 | 7 | 36 | 1 |
| acres on which used, 1992 -- | 7 464 | (D) | 31 | (D) | (D) | 20 465 | -- |
| 1987 -- | 18 227 | -- | 51 | (D) | 637 | 9 087 | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | 55 | 23 | 40 | 4 | 21 | 2 | -- |
| 1987 -- | 103 | 22 | 58 | 2 | 13 | 1 | 1 |
| acres on which used, 1992 -- | 8 459 | 3 397 | 330 | 3 785 | 2 998 | (D) | -- |
| 1987 -- | 16 770 | 3 576 | 703 | (D) | 984 | (D) | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 270 | 96 | 287 | 100 | 188 | 107 | 62 |
| 1987 -- | 418 | 118 | 363 | 139 | 258 | 161 | 49 |
| acres on which used, 1992 -- | 125 805 | 18 664 | 33 160 | 56 836 | 39 033 | 89 257 | 4 782 |
| 1987 -- | 138 757 | 31 584 | 23 490 | 42 475 | 65 052 | 81 414 | 13 225 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 13 | 1 | 18 | 23 | 6 | 8 | -- |
| 1987 -- | 96 | -- | 11 | 17 | 10 | 99 | 1 |
| acres on which used, 1992 -- | 807 | (D) | 228 | 5 469 | 72 | 3 918 | -- |
| 1987 -- | 10 992 | -- | 62 | 4 602 | 1 340 | 42 404 | (D) |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –Con.

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

| Chemicals used | Coleman | Collin | Collingsworth | Colorado | Comal | Comanche | Concho |
|--|---------|---------|---------------|----------|--------|----------|--------|
| Commercial fertilizer -----farms, 1992 -- | 274 | 675 | 190 | 983 | 196 | 987 | 103 |
| 1987 -- | 174 | 788 | 176 | 961 | 191 | 911 | 71 |
| acres on which used, 1992 -- | 49 931 | 107 903 | 60 198 | 102 175 | 14 700 | 138 721 | 22 610 |
| 1987 -- | 24 681 | 94 952 | 62 560 | 97 304 | 12 094 | 103 654 | 16 380 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 197 | 508 | 174 | 634 | 167 | 801 | 86 |
| 1987 -- | 158 | 582 | 152 | 573 | 125 | 626 | 64 |
| acres on which used, 1992 -- | 34 016 | 90 987 | 56 797 | 69 848 | 11 949 | 90 582 | 19 772 |
| 1987 -- | 21 761 | 75 024 | 60 105 | 55 464 | 6 149 | 66 984 | 15 148 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 85 | 284 | 46 | 487 | 56 | 455 | 26 |
| 1987 -- | 37 | 352 | 28 | 486 | 114 | 431 | 10 |
| acres on which used, 1992 -- | 15 915 | 16 916 | 3 401 | 32 327 | 2 751 | 48 139 | 2 838 |
| 1987 -- | 2 920 | 19 928 | 2 455 | 41 840 | 5 945 | 36 670 | 1 232 |
| Sprays, dusts, granules, fumigants, etc., to control ----- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 23 | 104 | 47 | 142 | 22 | 212 | 50 |
| 1987 -- | 8 | 268 | 34 | 110 | 7 | 141 | 50 |
| acres on which used, 1992 -- | 1 477 | 38 400 | 15 398 | 35 121 | 3 204 | 16 223 | 20 652 |
| 1987 -- | 3 668 | 34 635 | 8 322 | 21 160 | (D) | 14 594 | 11 962 |
| Nematodes in crops -----farms, 1992 -- | -- | 5 | 4 | 25 | -- | 88 | -- |
| 1987 -- | -- | 19 | 1 | 3 | 1 | 94 | -- |
| acres on which used, 1992 -- | -- | 3 907 | 3 330 | 3 794 | -- | 7 105 | -- |
| 1987 -- | -- | 367 | (D) | (D) | (D) | 5 846 | -- |
| Diseases in crops and orchards -----farms, 1992 -- | -- | 43 | 9 | 101 | 1 | 264 | 2 |
| 1987 -- | -- | 53 | 12 | 53 | 3 | 178 | 6 |
| acres on which used, 1992 -- | -- | 1 878 | 2 829 | 30 912 | (D) | 29 279 | (D) |
| 1987 -- | -- | 5 643 | 1 385 | 7 908 | (D) | 14 037 | 1 135 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 114 | 296 | 105 | 443 | 107 | 452 | 99 |
| 1987 -- | 141 | 391 | 156 | 505 | 192 | 450 | 155 |
| acres on which used, 1992 -- | 15 605 | 49 864 | 44 837 | 65 925 | 8 741 | 63 783 | 29 527 |
| 1987 -- | 25 897 | 39 583 | 52 072 | 71 827 | 15 834 | 50 275 | 43 531 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 1 | 35 | 31 | 12 | -- | 1 | 65 |
| 1987 -- | 4 | 20 | 40 | 8 | -- | 20 | 59 |
| acres on which used, 1992 -- | (D) | 5 812 | 5 428 | 1 705 | -- | (D) | 16 936 |
| 1987 -- | 889 | 5 756 | 6 397 | 1 600 | -- | 1 145 | 8 391 |

| Chemicals used | Cooke | Coryell | Cottle | Crane | Crockett | Crosby | Culberson |
|--|---------|---------|--------|-------|----------|---------|-----------|
| Commercial fertilizer -----farms, 1992 -- | 926 | 543 | 41 | 9 | 2 | 230 | 10 |
| 1987 -- | 792 | 521 | 106 | 4 | 2 | 238 | 9 |
| acres on which used, 1992 -- | 114 884 | 75 727 | 8 900 | 62 | (D) | 145 477 | 702 |
| 1987 -- | 120 976 | 64 344 | 24 504 | 111 | (D) | 128 461 | 5 913 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 689 | 402 | 37 | 9 | 2 | 228 | 10 |
| 1987 -- | 608 | 439 | 88 | 4 | -- | 225 | 9 |
| acres on which used, 1992 -- | 74 064 | 51 086 | 7 204 | 62 | (D) | 144 542 | 702 |
| 1987 -- | 80 015 | 48 427 | 22 829 | 111 | -- | 125 601 | 5 913 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 423 | 241 | 5 | -- | -- | 7 | -- |
| 1987 -- | 444 | 201 | 19 | -- | 2 | 22 | -- |
| acres on which used, 1992 -- | 40 820 | 24 641 | 1 696 | -- | -- | 935 | -- |
| 1987 -- | 40 961 | 15 917 | 1 675 | -- | (D) | 2 860 | -- |
| Sprays, dusts, granules, fumigants, etc., to control ----- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 76 | 70 | 4 | 1 | -- | 117 | 2 |
| 1987 -- | 198 | 95 | 45 | 2 | -- | 165 | 5 |
| acres on which used, 1992 -- | 10 334 | 16 161 | 1 601 | (D) | -- | 68 663 | (D) |
| 1987 -- | 21 388 | 7 318 | 8 861 | (D) | -- | 109 228 | 1 703 |
| Nematodes in crops -----farms, 1992 -- | 2 | 1 | -- | -- | -- | 16 | -- |
| 1987 -- | -- | -- | -- | -- | -- | 7 | 1 |
| acres on which used, 1992 -- | (D) | (D) | -- | -- | -- | 9 961 | (D) |
| 1987 -- | -- | -- | -- | -- | -- | (D) | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | 10 | 4 | -- | 2 | -- | 10 | 2 |
| 1987 -- | 35 | 33 | -- | -- | -- | 11 | -- |
| acres on which used, 1992 -- | 2 000 | 532 | -- | (D) | -- | 7 065 | (D) |
| 1987 -- | 776 | 1 414 | -- | -- | -- | 6 549 | -- |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 355 | 301 | 42 | 9 | 30 | 195 | 14 |
| 1987 -- | 432 | 247 | 121 | 2 | 30 | 217 | 10 |
| acres on which used, 1992 -- | 89 442 | 53 913 | 34 318 | 242 | 14 152 | 169 845 | 3 837 |
| 1987 -- | 73 878 | 23 935 | 42 065 | (D) | 3 746 | 122 108 | 3 395 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | -- | 1 | 10 | -- | -- | 70 | 1 |
| 1987 -- | 7 | -- | 16 | -- | -- | 84 | 3 |
| acres on which used, 1992 -- | -- | (D) | 2 149 | -- | -- | 12 801 | (D) |
| 1987 -- | 140 | -- | 3 840 | -- | -- | 25 350 | 618 |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** —Con.

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

| Chemicals used | Counties | | | | | | | |
|--|----------|--------|---------|------------|--------|---------|---------|--|
| | Dallam | Dallas | Dawson | Deaf Smith | Delta | Denton | De Witt | |
| Commercial fertilizer -----farms, 1992 -- | 254 | 185 | 354 | 331 | 223 | 799 | 870 | |
| 1987 -- | 256 | 330 | 384 | 371 | 164 | 807 | 887 | |
| acres on which used, 1992 -- | 217 608 | 27 337 | 232 468 | 161 513 | 28 832 | 102 797 | 59 244 | |
| 1987 -- | 151 065 | 25 130 | 193 088 | 159 343 | 23 476 | 90 849 | 49 592 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 239 | 176 | 354 | 328 | 137 | 571 | 500 | |
| 1987 -- | 248 | 188 | 384 | 367 | 118 | 595 | 576 | |
| acres on which used, 1992 -- | 210 104 | (D) | (D) | 160 747 | 19 023 | 78 046 | 24 547 | |
| 1987 -- | 147 283 | 18 875 | 192 588 | 157 527 | 18 704 | 70 605 | 23 378 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 28 | 19 | 1 | 9 | 123 | 374 | 519 | |
| 1987 -- | 18 | 179 | 3 | 5 | 69 | 326 | 499 | |
| acres on which used, 1992 -- | 7 504 | (D) | (D) | 766 | 9 809 | 24 751 | 34 697 | |
| 1987 -- | 3 782 | 6 255 | 500 | 1 816 | 4 772 | 20 244 | 26 214 | |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 164 | 37 | 128 | 232 | 26 | 155 | 75 | |
| 1987 -- | 177 | 96 | 228 | 334 | 47 | 229 | 96 | |
| acres on which used, 1992 -- | 75 065 | 9 548 | 58 187 | 97 727 | 5 134 | 31 485 | 3 271 | |
| 1987 -- | 80 777 | 6 185 | 84 394 | 137 535 | 5 402 | 32 196 | 3 950 | |
| Nematodes in crops -----farms, 1992 -- | 1 | 5 | 65 | 34 | 9 | 6 | — | |
| 1987 -- | 2 | 2 | 42 | 40 | 1 | — | — | |
| acres on which used, 1992 -- | (D) | (D) | 20 477 | 5 817 | 1 437 | 12 | — | |
| 1987 -- | (D) | (D) | 17 475 | 9 450 | (D) | — | — | |
| Diseases in crops and orchards -----farms, 1992 -- | 12 | 20 | 4 | 84 | 7 | 46 | 22 | |
| 1987 -- | 6 | 12 | 33 | 99 | 2 | 26 | 11 | |
| acres on which used, 1992 -- | 3 377 | 111 | (D) | 13 751 | 140 | 1 958 | 655 | |
| 1987 -- | 1 222 | (D) | 12 036 | 19 822 | (D) | 1 138 | 539 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 190 | 45 | 340 | 326 | 72 | 416 | 590 | |
| 1987 -- | 239 | 227 | 353 | 366 | 112 | 490 | 559 | |
| acres on which used, 1992 -- | 102 029 | 14 779 | 191 506 | 129 777 | 17 628 | 46 758 | 39 875 | |
| 1987 -- | 89 787 | 21 921 | 177 664 | 177 518 | 16 319 | 66 079 | 33 734 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 1 | 2 | 159 | 15 | 1 | 36 | 6 | |
| 1987 -- | 3 | 21 | 277 | 19 | 15 | 46 | 8 | |
| acres on which used, 1992 -- | (D) | (D) | 78 580 | 3 020 | (D) | 2 888 | 108 | |
| 1987 -- | 207 | 279 | 78 184 | 3 029 | 630 | 4 457 | 389 | |

| Chemicals used | Counties | | | | | | | |
|--|----------|--------|--------|--------|----------|-------|---------|---------|
| | Dickens | Dimmit | Donley | Duval | Eastland | Ector | Edwards | Ellis |
| Commercial fertilizer -----farms, 1992 -- | 81 | 24 | 141 | 185 | 658 | 85 | 20 | 801 |
| 1987 -- | 48 | 36 | 126 | 187 | 519 | 91 | 25 | 878 |
| acres on which used, 1992 -- | 16 521 | 9 655 | 30 008 | 54 608 | 81 163 | 1 357 | 935 | 157 668 |
| 1987 -- | 12 274 | 10 503 | 24 926 | 49 617 | 53 228 | 1 473 | 659 | 125 807 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 47 | 24 | 123 | 121 | 499 | 73 | 20 | 516 |
| 1987 -- | 32 | 36 | 92 | 144 | 411 | 73 | 19 | 712 |
| acres on which used, 1992 -- | 12 319 | (D) | 28 039 | 44 659 | 51 237 | 909 | 935 | 123 039 |
| 1987 -- | 11 619 | (D) | 23 781 | 40 485 | 35 755 | 655 | 509 | 107 492 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 36 | 7 | 38 | 79 | 364 | 27 | — | 402 |
| 1987 -- | 16 | 2 | 34 | 53 | 235 | 29 | 6 | 300 |
| acres on which used, 1992 -- | 4 202 | (D) | 1 969 | 9 949 | 29 926 | 448 | — | 34 629 |
| 1987 -- | 655 | (D) | 1 145 | 9 132 | 17 473 | 818 | 150 | 18 315 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 30 | 15 | 34 | 22 | 88 | 33 | 2 | 190 |
| 1987 -- | 57 | 24 | 37 | 80 | 104 | 39 | 7 | 212 |
| acres on which used, 1992 -- | 5 978 | 3 488 | 1 366 | 19 340 | 7 041 | 219 | (D) | 63 803 |
| 1987 -- | 20 809 | 5 012 | 5 374 | 13 957 | 5 518 | 278 | 178 | 47 587 |
| Nematodes in crops -----farms, 1992 -- | 2 | — | 4 | 9 | 17 | — | — | 6 |
| 1987 -- | — | 1 | 1 | 2 | 35 | — | — | 4 |
| acres on which used, 1992 -- | (D) | — | (D) | 6 723 | 966 | — | — | 5 565 |
| 1987 -- | — | (D) | (D) | (D) | 1 997 | — | — | 2 724 |
| Diseases in crops and orchards -----farms, 1992 -- | 5 | 15 | 6 | 16 | 103 | 1 | 8 | 29 |
| 1987 -- | 1 | 23 | — | 4 | 57 | 28 | 7 | 37 |
| acres on which used, 1992 -- | 1 241 | 2 973 | 1 330 | 5 906 | 11 634 | (D) | 123 | 1 313 |
| 1987 -- | (D) | 3 707 | — | 1 332 | 4 930 | 134 | 178 | 3 290 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 109 | 37 | 66 | 90 | 251 | 43 | 61 | 396 |
| 1987 -- | 124 | 25 | 145 | 103 | 285 | 31 | 64 | 408 |
| acres on which used, 1992 -- | 39 344 | 7 585 | 16 862 | 37 539 | 35 092 | 2 757 | 4 881 | 92 549 |
| 1987 -- | 42 082 | 7 074 | 41 336 | 30 378 | 26 509 | 1 459 | 11 624 | 66 601 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 18 | 2 | 12 | 3 | 6 | — | — | 107 |
| 1987 -- | 5 | 14 | 30 | 8 | 6 | 7 | — | 104 |
| acres on which used, 1992 -- | 2 845 | (D) | 1 630 | 1 582 | 6 | — | — | 31 557 |
| 1987 -- | 1 498 | (D) | 4 250 | (D) | 240 | 171 | — | 21 239 |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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 | Forad |
|--|---------|--------|---------|---------|---------|--------|---------|--------|
| Commercial fertilizer -----farms, 1992 -- | 274 | 977 | 758 | 741 | 1 738 | 156 | 307 | 105 |
| 1987 -- | 239 | 819 | 771 | 853 | 1 694 | 250 | 337 | 107 |
| acres on which used, 1992 -- | 31 254 | 89 695 | 182 285 | 117 676 | 135 612 | 38 672 | 167 174 | 45 715 |
| 1987 -- | 36 412 | 75 629 | 164 395 | 114 928 | 101 537 | 45 767 | 139 762 | 34 453 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 266 | 681 | 482 | 476 | 1 099 | 131 | 300 | 105 |
| 1987 -- | 239 | 507 | 553 | 492 | 1 169 | 238 | 337 | 100 |
| acres on which used, 1992 -- | 31 200 | 53 379 | 108 383 | 87 651 | 41 917 | 35 584 | 165 941 | 40 953 |
| 1987 -- | 36 317 | 37 154 | 100 144 | 81 600 | 43 854 | 36 175 | 138 962 | 33 521 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 8 | 474 | 453 | 389 | 1 072 | 35 | 18 | 21 |
| 1987 -- | 10 | 469 | 422 | 471 | 942 | 41 | 7 | 8 |
| acres on which used, 1992 -- | 54 | 36 316 | 73 902 | 30 025 | 93 695 | 3 088 | 1 233 | 4 762 |
| 1987 -- | 95 | 38 475 | 64 251 | 33 328 | 57 683 | 9 592 | 800 | 932 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 97 | 82 | 203 | 74 | 81 | 44 | 188 | 19 |
| 1987 -- | 129 | 81 | 186 | 141 | 238 | 150 | 350 | 30 |
| acres on which used, 1992 -- | 18 738 | 3 901 | 56 206 | 27 779 | 9 433 | 13 543 | 89 301 | 6 563 |
| 1987 -- | 26 807 | 4 678 | 40 602 | 16 256 | 14 145 | 22 981 | 170 787 | 7 391 |
| Nematodes in crops -----farms, 1992 -- | — | 26 | 10 | 1 | 24 | 1 | 30 | — |
| 1987 -- | 3 | 20 | 21 | 17 | 2 | 1 | 13 | — |
| acres on which used, 1992 -- | — | 2 457 | 4 394 | (D) | 1 820 | (D) | 11 554 | — |
| 1987 -- | (D) | 2 447 | 6 100 | (D) | (D) | (D) | 5 102 | — |
| Diseases in crops and orchards -----farms, 1992 -- | 20 | 83 | 34 | 30 | 42 | 1 | 25 | 6 |
| 1987 -- | 24 | 57 | 82 | 68 | 24 | 1 | 25 | 1 |
| acres on which used, 1992 -- | 3 455 | 7 025 | 3 035 | 6 031 | 488 | (D) | 6 179 | 462 |
| 1987 -- | 2 700 | 3 615 | 4 435 | 3 325 | 651 | (D) | 6 804 | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 104 | 293 | 339 | 338 | 892 | 181 | 251 | 51 |
| 1987 -- | 94 | 300 | 494 | 350 | 1 070 | 222 | 342 | 79 |
| acres on which used, 1992 -- | 16 796 | 32 752 | 83 722 | 61 447 | 85 813 | 64 325 | 158 553 | 17 304 |
| 1987 -- | 17 993 | 25 010 | 104 126 | 45 450 | 93 414 | 50 539 | 137 380 | 21 848 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 5 | — | 29 | 3 | — | 51 | 63 | 10 |
| 1987 -- | 21 | 15 | 63 | 16 | — | 61 | 124 | 19 |
| acres on which used, 1992 -- | 767 | — | 8 918 | (D) | — | 10 695 | 11 369 | 3 805 |
| 1987 -- | 2 519 | 508 | 11 741 | 349 | — | 12 678 | 20 193 | 3 520 |

| Chemicals used | Fort Bend | Franklin | Freestone | Frio | Gaines | Galveston | Garza | Gillespie |
|--|-----------|----------|-----------|--------|---------|-----------|--------|-----------|
| Commercial fertilizer -----farms, 1992 -- | 721 | 272 | 747 | 218 | 519 | 164 | 90 | 744 |
| 1987 -- | 677 | 273 | 681 | 215 | 536 | 211 | 60 | 714 |
| acres on which used, 1992 -- | 111 842 | 25 060 | 66 802 | 58 881 | 316 696 | 6 981 | 21 237 | 45 248 |
| 1987 -- | 89 034 | 27 368 | 43 607 | 69 327 | 279 302 | 9 402 | 8 642 | 29 625 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 552 | 190 | 449 | 194 | 502 | 64 | 87 | 627 |
| 1987 -- | 561 | 159 | 341 | 165 | 519 | 106 | 53 | 559 |
| acres on which used, 1992 -- | 99 107 | 10 312 | 17 343 | 49 809 | 313 321 | 3 484 | 20 520 | 32 132 |
| 1987 -- | 73 018 | 9 136 | 12 545 | 57 035 | 276 980 | 5 788 | 8 402 | 18 550 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 210 | 113 | 365 | 44 | 22 | 108 | 9 | 271 |
| 1987 -- | 201 | 149 | 401 | 80 | 27 | 111 | 7 | 234 |
| acres on which used, 1992 -- | 12 735 | 14 748 | 49 459 | 9 072 | 3 375 | 3 497 | 717 | 13 116 |
| 1987 -- | 16 016 | 18 232 | 31 062 | 12 292 | 2 322 | 3 614 | 240 | 11 075 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 306 | 17 | 82 | 69 | 267 | 22 | 19 | 92 |
| 1987 -- | 369 | 3 | 41 | 96 | 258 | 65 | 47 | 162 |
| acres on which used, 1992 -- | 79 952 | 412 | 3 629 | 27 430 | 148 933 | 1 573 | 6 596 | 5 682 |
| 1987 -- | 57 568 | (D) | 1 001 | 43 766 | 116 049 | 3 803 | 6 492 | 4 210 |
| Nematodes in crops -----farms, 1992 -- | 44 | — | 1 | 17 | 99 | 1 | 10 | 2 |
| 1987 -- | 27 | — | — | 10 | 90 | 6 | 6 | 5 |
| acres on which used, 1992 -- | 11 982 | — | (D) | 3 743 | 59 388 | (D) | 395 | (D) |
| 1987 -- | 9 675 | — | — | 5 930 | 35 602 | 6 | 2 650 | 15 |
| Diseases in crops and orchards -----farms, 1992 -- | 49 | 2 | 44 | 74 | 59 | 24 | 1 | 38 |
| 1987 -- | 116 | 1 | 33 | 52 | 63 | 39 | 7 | 88 |
| acres on which used, 1992 -- | 7 284 | (D) | 1 115 | 22 875 | 25 563 | 598 | (D) | 1 314 |
| 1987 -- | 14 298 | (D) | 523 | 16 706 | 17 359 | 69 | 14 | 1 306 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 345 | 79 | 203 | 110 | 326 | 69 | 120 | 401 |
| 1987 -- | 420 | 115 | 228 | 130 | 403 | 136 | 112 | 391 |
| acres on which used, 1992 -- | 94 296 | 12 987 | 36 650 | 37 679 | 229 950 | 14 323 | 44 998 | 39 538 |
| 1987 -- | 61 067 | 18 081 | 24 419 | 32 717 | 197 803 | 6 717 | 34 253 | 25 373 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 215 | — | 9 | 11 | 319 | 2 | 29 | 8 |
| 1987 -- | 171 | 8 | 8 | 28 | 271 | — | 53 | 11 |
| acres on which used, 1992 -- | 39 498 | — | 90 | 2 726 | 157 361 | (D) | 5 232 | (D) |
| 1987 -- | 20 408 | 240 | 80 | 5 200 | 90 097 | — | 7 405 | (D) |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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, 1992 -- | 84 | 359 | 797 | 119 | 886 | 148 | 793 | 961 |
| 1987 -- | 72 | 377 | 864 | 112 | 925 | 209 | 802 | 1 114 |
| acres on which used, 1992 -- | 43 882 | 39 282 | 66 188 | 60 706 | 149 920 | 5 334 | 58 336 | 85 179 |
| 1987 -- | 32 115 | 39 123 | 60 666 | 44 797 | 135 330 | 8 945 | 68 908 | 93 666 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 79 | 187 | 427 | 105 | 590 | 83 | 509 | 672 |
| 1987 -- | 72 | 195 | 456 | 110 | 571 | 113 | 369 | 699 |
| acres on which used, 1992 -- | 43 511 | 11 001 | 20 421 | 54 544 | 116 220 | 1 824 | 22 624 | 62 822 |
| 1987 -- | 32 115 | 16 570 | 19 557 | 42 187 | 106 038 | 1 826 | 13 393 | 54 267 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 6 | 229 | 480 | 19 | 482 | 85 | 427 | 438 |
| 1987 -- | -- | 227 | 524 | 12 | 550 | 113 | 534 | 605 |
| acres on which used, 1992 -- | 371 | 28 281 | 45 767 | 6 162 | 33 700 | 3 510 | 35 712 | 22 357 |
| 1987 -- | -- | 22 553 | 41 109 | 2 610 | 29 292 | 7 119 | 55 515 | 39 399 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 58 | 15 | 59 | 26 | 110 | 10 | 30 | 128 |
| 1987 -- | 104 | 47 | 79 | 56 | 150 | 15 | 74 | 166 |
| acres on which used, 1992 -- | 27 097 | 3 282 | 4 689 | 7 537 | 43 348 | 163 | (D) | 17 701 |
| 1987 -- | 45 409 | 3 739 | 6 267 | 22 673 | 29 316 | 185 | 3 918 | 17 115 |
| Nematodes in crops -----farms, 1992 -- | 4 | -- | 1 | -- | 7 | -- | 1 | 7 |
| 1987 -- | -- | -- | -- | -- | 1 | -- | 6 | 7 |
| acres on which used, 1992 -- | 372 | -- | (D) | -- | 960 | -- | (D) | (D) |
| 1987 -- | -- | -- | -- | -- | (D) | -- | 11 | 7 |
| Diseases in crops and orchards -----farms, 1992 -- | 6 | 12 | 34 | -- | 48 | 1 | 15 | 51 |
| 1987 -- | 2 | 7 | 54 | 8 | 49 | 10 | 43 | 67 |
| acres on which used, 1992 -- | 1 369 | 30 | 1 083 | -- | 2 722 | (D) | 242 | 3 696 |
| 1987 -- | (D) | 35 | 2 985 | (D) | 9 163 | 60 | 272 | 2 441 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 95 | 277 | 610 | 106 | 393 | 51 | 224 | 508 |
| 1987 -- | 116 | 202 | 630 | 80 | 454 | 63 | 312 | 616 |
| acres on which used, 1992 -- | 47 628 | 41 238 | 63 463 | 38 898 | 65 094 | 2 801 | 33 682 | 42 624 |
| 1987 -- | 48 903 | 25 776 | 59 441 | 33 068 | 57 990 | 5 863 | 34 657 | 48 883 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 79 | 1 | 9 | -- | 2 | -- | -- | 17 |
| 1987 -- | 96 | 7 | 12 | 1 | 5 | -- | 7 | 27 |
| acres on which used, 1992 -- | 40 461 | (D) | 900 | -- | (D) | -- | -- | 2 823 |
| 1987 -- | 37 367 | (D) | 342 | (D) | 90 | -- | 70 | 493 |

| Chemicals used | Hale | Hall | Hamilton | Hansford | Hardeman | Hardin | Harris | Harrison |
|--|---------|--------|----------|----------|----------|--------|--------|----------|
| Commercial fertilizer -----farms, 1992 -- | 590 | 115 | 464 | 152 | 138 | 172 | 689 | 643 |
| 1987 -- | 666 | 76 | 437 | 156 | 155 | 222 | 887 | 629 |
| acres on which used, 1992 -- | 284 126 | 48 672 | 56 576 | 124 245 | 68 011 | 4 639 | 50 436 | 34 174 |
| 1987 -- | 228 730 | 22 761 | 55 407 | 105 072 | 63 683 | 5 543 | 49 082 | 34 071 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 578 | 115 | 326 | 152 | 137 | 121 | 453 | 374 |
| 1987 -- | 659 | 76 | 346 | 154 | 155 | 116 | 511 | 296 |
| acres on which used, 1992 -- | 283 187 | (D) | 29 170 | (D) | 65 719 | 2 752 | 38 568 | 16 004 |
| 1987 -- | 225 123 | 22 761 | 41 441 | 103 901 | 63 209 | 2 934 | 30 831 | 10 683 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 18 | 1 | 242 | 2 | 13 | 93 | 327 | 361 |
| 1987 -- | 20 | -- | 156 | 4 | 6 | 115 | 492 | 378 |
| acres on which used, 1992 -- | 939 | (D) | 27 406 | (D) | 2 292 | 1 887 | 11 868 | 18 170 |
| 1987 -- | 3 607 | -- | 13 966 | 1 171 | 474 | 2 609 | 18 251 | 23 388 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 268 | 71 | 54 | 121 | 32 | 40 | 109 | 24 |
| 1987 -- | 557 | 70 | 58 | 177 | 57 | 10 | 267 | 46 |
| acres on which used, 1992 -- | 104 045 | 16 574 | 6 184 | 59 958 | 14 339 | 870 | 14 894 | 2 310 |
| 1987 -- | 199 035 | 22 149 | 6 306 | 91 880 | 20 386 | 766 | 11 595 | 1 307 |
| Nematodes in crops -----farms, 1992 -- | 19 | -- | -- | 4 | 3 | 1 | 12 | 7 |
| 1987 -- | 34 | 2 | -- | 4 | 1 | 1 | 2 | 1 |
| acres on which used, 1992 -- | 4 788 | -- | -- | 3 072 | 190 | (D) | 1 777 | 7 |
| 1987 -- | 10 974 | (D) | -- | 1 391 | (D) | (D) | (D) | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | 48 | 3 | 17 | 3 | 3 | 11 | 68 | 15 |
| 1987 -- | 62 | 2 | 3 | 8 | 2 | 38 | 98 | 41 |
| acres on which used, 1992 -- | 13 274 | 711 | 601 | (D) | (D) | 117 | 7 632 | 48 |
| 1987 -- | 13 599 | (D) | (D) | 3 729 | (D) | 845 | 5 120 | 518 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 464 | 125 | 154 | 135 | 66 | 29 | 277 | 137 |
| 1987 -- | 489 | 157 | 219 | 161 | 146 | 47 | 327 | 184 |
| acres on which used, 1992 -- | 230 784 | 67 367 | 11 441 | 75 811 | 41 141 | 526 | 33 312 | 16 502 |
| 1987 -- | 187 603 | 46 546 | 23 085 | 86 512 | 46 195 | 976 | 25 242 | 13 461 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 19 | 23 | -- | 1 | 9 | -- | 18 | 2 |
| 1987 -- | 277 | 50 | -- | 3 | 23 | 8 | 27 | -- |
| acres on which used, 1992 -- | 6 694 | 6 145 | -- | (D) | 3 244 | -- | 334 | (D) |
| 1987 -- | 41 648 | 4 304 | -- | (D) | 8 252 | 40 | 88 | -- |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** —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, 1992 -- | 159 | 254 | 224 | 67 | 1 014 | 807 | 985 | 374 |
| 1987 -- | 157 | 293 | 242 | 77 | 973 | 1 116 | 908 | 392 |
| acres on which used, 1992 -- | 127 317 | 94 252 | 21 909 | 29 299 | 95 009 | 260 525 | 202 961 | 197 458 |
| 1987 -- | 84 362 | 82 055 | 16 528 | 31 090 | 69 181 | 248 469 | 178 581 | 157 765 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 159 | 240 | 140 | 65 | 633 | 780 | 725 | 363 |
| 1987 -- | 156 | 287 | 180 | 65 | 500 | 1 092 | 632 | 382 |
| acres on which used, 1992 -- | (D) | 89 293 | 12 655 | 25 639 | 34 593 | 257 384 | 173 023 | 196 248 |
| 1987 -- | 82 182 | 80 840 | 10 151 | 25 298 | 25 232 | 245 863 | 143 232 | 156 838 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 2 | 51 | 107 | 11 | 551 | 66 | 444 | 15 |
| 1987 -- | 8 | 21 | 109 | 22 | 577 | 57 | 420 | 14 |
| acres on which used, 1992 -- | (D) | 4 959 | 9 254 | 3 660 | 60 416 | 3 141 | 29 938 | 1 210 |
| 1987 -- | 2 180 | 1 215 | 6 377 | 5 792 | 43 949 | 2 606 | 35 349 | 927 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 89 | 93 | 42 | 10 | 94 | 603 | 243 | 117 |
| 1987 -- | 112 | 235 | 48 | 9 | 115 | 893 | 310 | 243 |
| acres on which used, 1992 -- | 50 169 | 23 635 | 6 097 | 93 | 2 755 | 200 551 | 86 245 | 56 229 |
| 1987 -- | 37 851 | 53 907 | 4 977 | 1 015 | 11 290 | 213 230 | 77 030 | 104 849 |
| Nematodes in crops -----farms, 1992 -- | 1 | 12 | 1 | — | 19 | 109 | 2 | 83 |
| 1987 -- | 2 | 10 | — | — | 5 | 226 | 22 | 77 |
| acres on which used, 1992 -- | (D) | 4 232 | (D) | — | 119 | 18 882 | (D) | 48 186 |
| 1987 -- | (D) | 2 455 | — | — | 5 | 37 565 | 3 221 | 26 135 |
| Diseases in crops and orchards -----farms, 1992 -- | 5 | 15 | 17 | — | 56 | 279 | 56 | 43 |
| 1987 -- | — | 21 | 40 | — | 48 | 575 | 101 | 16 |
| acres on which used, 1992 -- | 2 569 | 4 537 | 61 | — | 772 | 49 960 | 6 362 | 20 737 |
| 1987 -- | — | 2 583 | 278 | — | 1 163 | 63 357 | 9 811 | 3 725 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 112 | 202 | 64 | 56 | 274 | 557 | 546 | 338 |
| 1987 -- | 133 | 370 | 163 | 58 | 327 | 811 | 534 | 357 |
| acres on which used, 1992 -- | 59 501 | 75 234 | 9 378 | 22 476 | 31 177 | 192 360 | 120 309 | 183 326 |
| 1987 -- | 58 545 | 104 400 | 11 588 | 24 554 | 20 610 | 185 935 | 96 344 | 154 801 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 2 | 57 | 2 | — | 2 | 201 | 100 | 97 |
| 1987 -- | 1 | 186 | 1 | — | 6 | 238 | 121 | 214 |
| acres on which used, 1992 -- | (D) | 18 694 | (D) | — | (D) | 88 567 | 18 274 | 22 571 |
| 1987 -- | (D) | 31 017 | (D) | — | 6 | 64 389 | 12 713 | 52 038 |

| Chemicals used | Hood | Hopkins | Houston | Howard | Hudspeth | Hunt | Hutchinson | Irion |
|--|--------|---------|---------|--------|----------|--------|------------|--------|
| Commercial fertilizer -----farms, 1992 -- | 381 | 1 110 | 882 | 186 | 45 | 943 | 70 | 28 |
| 1987 -- | 336 | 1 032 | 938 | 122 | 67 | 1 002 | 73 | 20 |
| acres on which used, 1992 -- | 34 440 | 80 627 | 75 441 | 70 702 | 18 439 | 78 498 | 44 101 | 1 058 |
| 1987 -- | 31 290 | 75 078 | 92 732 | 43 216 | 36 723 | 82 948 | 35 321 | 503 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 245 | 780 | 590 | 171 | 45 | 618 | 64 | 26 |
| 1987 -- | 219 | 622 | 487 | 122 | 61 | 617 | 64 | 15 |
| acres on which used, 1992 -- | 19 046 | 49 126 | 32 876 | 70 408 | (D) | 52 516 | 43 972 | 864 |
| 1987 -- | 20 835 | 33 838 | 27 444 | 41 870 | (D) | 53 827 | 34 606 | 426 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 204 | 469 | 408 | 25 | 1 | 426 | 6 | 5 |
| 1987 -- | 181 | 546 | 605 | 8 | 11 | 492 | 13 | 7 |
| acres on which used, 1992 -- | 15 394 | 31 501 | 42 565 | 294 | (D) | 25 982 | 129 | 194 |
| 1987 -- | 10 455 | 41 240 | 65 288 | 1 346 | (D) | 29 121 | 715 | 77 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 33 | 95 | 90 | 78 | 22 | 122 | 24 | 18 |
| 1987 -- | 25 | 42 | 96 | 82 | 59 | 134 | 50 | 5 |
| acres on which used, 1992 -- | 4 046 | 5 164 | 9 958 | 21 177 | 10 395 | 23 452 | 11 566 | 575 |
| 1987 -- | 558 | 1 928 | 14 913 | 34 328 | 21 188 | 15 459 | 15 939 | (D) |
| Nematodes in crops -----farms, 1992 -- | — | 3 | 9 | 8 | 1 | 3 | — | — |
| 1987 -- | — | 2 | 14 | 8 | 2 | 23 | 2 | — |
| acres on which used, 1992 -- | — | 540 | 800 | 8 | (D) | (D) | — | — |
| 1987 -- | — | (D) | 694 | 1 373 | (D) | 371 | (D) | — |
| Diseases in crops and orchards -----farms, 1992 -- | 37 | 19 | 52 | 8 | 5 | 39 | 4 | 8 |
| 1987 -- | 6 | 29 | 38 | 10 | 12 | 27 | 5 | 3 |
| acres on which used, 1992 -- | 4 462 | 69 | 3 489 | 8 | 2 066 | 2 021 | 1 833 | 61 |
| 1987 -- | (D) | 211 | 1 054 | 20 | 3 363 | 739 | 1 056 | 15 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 201 | 210 | 256 | 142 | 36 | 283 | 61 | 27 |
| 1987 -- | 204 | 312 | 264 | 163 | 43 | 370 | 56 | 27 |
| acres on which used, 1992 -- | 17 365 | 20 286 | 50 906 | 71 653 | 10 972 | 39 478 | 25 431 | 5 122 |
| 1987 -- | 15 570 | 22 114 | 31 997 | 62 052 | 15 037 | 39 258 | 24 702 | 11 605 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 9 | 19 | 19 | 44 | 17 | 25 | 2 | 1 |
| 1987 -- | 14 | 16 | 26 | 97 | 18 | 25 | — | 1 |
| acres on which used, 1992 -- | 369 | 363 | 3 669 | 18 099 | 2 603 | 6 561 | (D) | (D) |
| 1987 -- | 294 | 310 | 4 318 | 28 847 | 3 119 | 4 758 | — | (D) |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.

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

| Chemicals used | Farmers | | | | | | | |
|--|---------|---------|--------|------------|-----------|----------|-----------|---------|
| | Jack | Jackson | Jasper | Jeff Davis | Jefferson | Jim Hogg | Jim Wells | Johnson |
| Commercial fertilizer -----farms, 1992 -- | 226 | 354 | 365 | 7 | 264 | 25 | 302 | 992 |
| 1987 -- | 193 | 439 | 357 | 5 | 307 | 24 | 326 | 969 |
| acres on which used, 1992 -- | 15 337 | 138 997 | 10 824 | 171 | 46 109 | 3 496 | 127 958 | 87 844 |
| 1987 -- | 10 376 | 104 577 | 6 425 | 75 | 64 270 | 3 787 | 114 228 | 77 175 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 157 | 272 | 216 | 6 | 186 | 10 | 151 | 652 |
| 1987 -- | 113 | 322 | 211 | 5 | 236 | 3 | 198 | 620 |
| acres on which used, 1992 -- | 9 581 | 121 903 | 4 239 | (D) | 36 546 | 1 896 | 109 031 | 60 260 |
| 1987 -- | 5 190 | 95 002 | 2 392 | 75 | 53 967 | (D) | 89 757 | 46 703 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 121 | 131 | 210 | 1 | 109 | 16 | 191 | 479 |
| 1987 -- | 98 | 168 | 193 | — | 88 | 21 | 192 | 493 |
| acres on which used, 1992 -- | 5 756 | 17 094 | 6 585 | (D) | 9 563 | 1 600 | 18 927 | 27 584 |
| 1987 -- | 5 186 | 9 575 | 4 033 | — | 10 303 | (D) | 24 471 | 30 472 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 22 | 161 | 38 | 7 | 48 | 9 | 80 | 109 |
| 1987 -- | 15 | 184 | 59 | 4 | 111 | — | 96 | 111 |
| acres on which used, 1992 -- | 400 | 82 997 | 584 | 116 | 9 594 | (D) | 58 370 | 18 801 |
| 1987 -- | 285 | 66 787 | 381 | 70 | 26 481 | — | 44 748 | 12 149 |
| Nematodes in crops -----farms, 1992 -- | — | 26 | — | — | — | — | 2 | 1 |
| 1987 -- | — | 31 | 7 | 1 | — | — | 1 | 2 |
| acres on which used, 1992 -- | — | 22 473 | — | — | — | — | (D) | (D) |
| 1987 -- | — | 16 445 | 28 | (D) | — | — | (D) | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | — | 89 | 26 | 1 | 25 | 1 | 8 | 27 |
| 1987 -- | — | 48 | 50 | 2 | 39 | — | 18 | 28 |
| acres on which used, 1992 -- | — | 21 080 | 54 | (D) | 3 780 | (D) | 6 351 | 1 141 |
| 1987 -- | — | 9 451 | 357 | (D) | 4 894 | — | 1 492 | 1 068 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 94 | 299 | 53 | 13 | 163 | 20 | 164 | 423 |
| 1987 -- | 42 | 346 | 136 | 12 | 180 | 14 | 219 | 415 |
| acres on which used, 1992 -- | 14 799 | 115 994 | 2 408 | (D) | 33 870 | 1 154 | 95 923 | 45 850 |
| 1987 -- | 4 620 | 98 722 | 2 661 | 2 786 | 46 158 | 428 | 71 784 | 37 956 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | — | 73 | 9 | 2 | 21 | — | 32 | 3 |
| 1987 -- | — | 24 | 19 | — | 11 | — | 27 | 8 |
| acres on which used, 1992 -- | — | 21 652 | 41 | (D) | 711 | — | 11 671 | 383 |
| 1987 -- | — | 3 981 | 172 | — | 355 | — | 12 498 | 24 |

| Chemicals used | Farmers | | | | | | | |
|--|---------|--------|---------|---------|--------|--------|--------|--------|
| | Jones | Karnes | Kaufman | Kendall | Kenedy | Kent | Kerr | Kimble |
| Commercial fertilizer -----farms, 1992 -- | 331 | 630 | 855 | 233 | 2 | 35 | 206 | 87 |
| 1987 -- | 401 | 604 | 875 | 256 | 4 | 50 | 166 | 49 |
| acres on which used, 1992 -- | 67 353 | 61 124 | 78 607 | 10 098 | (D) | 7 730 | 11 490 | 6 967 |
| 1987 -- | 62 384 | 81 107 | 65 962 | 16 151 | 835 | 8 396 | 9 689 | 1 636 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 276 | 425 | 505 | 191 | 1 | 33 | 155 | 68 |
| 1987 -- | 333 | 408 | 417 | 164 | 3 | 42 | 111 | 35 |
| acres on which used, 1992 -- | 58 616 | 28 971 | 44 397 | 7 719 | (D) | 7 260 | 8 546 | 3 707 |
| 1987 -- | 55 894 | 43 290 | 31 621 | 6 976 | (D) | 7 835 | 5 333 | 1 226 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 104 | 307 | 426 | 58 | 1 | 6 | 69 | 26 |
| 1987 -- | 105 | 315 | 563 | 110 | 1 | 8 | 73 | 14 |
| acres on which used, 1992 -- | 8 737 | 32 153 | 34 210 | 2 379 | (D) | 470 | 2 944 | 3 260 |
| 1987 -- | 6 490 | 37 817 | 34 341 | 9 175 | (D) | 561 | 4 356 | 410 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 75 | 39 | 49 | 10 | — | 9 | 30 | 16 |
| 1987 -- | 122 | 82 | 110 | 47 | — | 18 | 11 | 9 |
| acres on which used, 1992 -- | 14 788 | 4 637 | 4 368 | (D) | — | 1 536 | 1 331 | 212 |
| 1987 -- | 23 850 | 7 647 | 9 960 | 1 842 | — | 2 747 | 488 | 84 |
| Nematodes in crops -----farms, 1992 -- | 2 | 9 | 1 | — | — | 1 | — | — |
| 1987 -- | 1 | 29 | 11 | — | — | — | 3 | — |
| acres on which used, 1992 -- | (D) | (D) | (D) | — | — | (D) | — | — |
| 1987 -- | (D) | 2 650 | 225 | — | — | — | 62 | — |
| Diseases in crops and orchards -----farms, 1992 -- | 1 | 17 | 45 | 7 | — | — | 23 | 2 |
| 1987 -- | — | 7 | 31 | — | — | — | 19 | 2 |
| acres on which used, 1992 -- | (D) | 348 | 727 | 7 | — | — | 135 | (D) |
| 1987 -- | — | 210 | 90 | — | — | — | 129 | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 255 | 238 | 247 | 98 | 5 | 62 | 82 | 44 |
| 1987 -- | 277 | 326 | 324 | 138 | 4 | 73 | 108 | 98 |
| acres on which used, 1992 -- | 102 647 | 28 864 | 24 145 | 6 014 | 2 276 | 38 437 | 10 198 | 4 670 |
| 1987 -- | 82 950 | 49 321 | 26 372 | 6 377 | 574 | 23 118 | 9 521 | 9 464 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 48 | — | 6 | 1 | — | 6 | — | — |
| 1987 -- | 112 | — | 24 | — | — | 16 | 1 | 1 |
| acres on which used, 1992 -- | 13 083 | — | 1 874 | (D) | — | 865 | — | — |
| 1987 -- | 27 559 | — | 6 293 | — | — | 677 | (D) | (D) |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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, 1992 -- | 12 | 21 | 92 | 186 | 744 | 513 | 318 |
| 1987 -- | 21 | 4 | 128 | 240 | 794 | 583 | 321 | 57 |
| acres on which used, 1992 -- | 5 024 | 3 416 | 95 335 | 110 905 | 108 173 | 214 668 | 22 400 | 16 203 |
| 1987 -- | 4 447 | 890 | 62 958 | 105 376 | 106 713 | 188 742 | 19 954 | 6 074 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 12 | 11 | 64 | 174 | 436 | 485 | 251 | 12 |
| 1987 -- | 19 | 4 | 99 | 240 | 541 | 574 | 262 | 38 |
| acres on which used, 1992 -- | (D) | 1 226 | 87 919 | 106 014 | 63 079 | 208 627 | 15 971 | 15 743 |
| 1987 -- | (D) | 770 | 54 922 | (D) | 73 436 | 179 253 | 12 897 | 4 544 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 2 | 10 | 34 | 26 | 428 | 38 | 104 | 13 |
| 1987 -- | 2 | 3 | 33 | 6 | 340 | 42 | 111 | 19 |
| acres on which used, 1992 -- | (D) | 2 190 | 7 416 | 4 891 | 45 094 | 6 041 | 6 429 | 460 |
| 1987 -- | (D) | 120 | 8 036 | (D) | 33 277 | 9 489 | 7 057 | 1 530 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 6 | 1 | 27 | 82 | 90 | 231 | 19 | 15 |
| 1987 -- | 12 | 1 | 68 | 149 | 138 | 452 | 37 | 24 |
| acres on which used, 1992 -- | 2 090 | (D) | 74 258 | 31 366 | 25 472 | 76 712 | 2 156 | (D) |
| 1987 -- | 4 044 | (D) | 15 324 | 45 613 | 14 786 | 141 665 | 1 542 | 2 214 |
| Nematodes in crops -----farms, 1992 -- | 1 | -- | 1 | 2 | 10 | 65 | -- | -- |
| 1987 -- | -- | -- | 4 | -- | 20 | 84 | 7 | -- |
| acres on which used, 1992 -- | (D) | -- | (D) | (D) | (D) | 17 535 | -- | -- |
| 1987 -- | -- | -- | (D) | -- | 4 649 | 26 839 | 7 | -- |
| Diseases in crops and orchards -----farms, 1992 -- | -- | 1 | 3 | 21 | 20 | 29 | 59 | 13 |
| 1987 -- | -- | 1 | 7 | 29 | 48 | 33 | 8 | 3 |
| acres on which used, 1992 -- | -- | (D) | 341 | 6 783 | 866 | 6 401 | 1 119 | 433 |
| 1987 -- | -- | (D) | (D) | 1 657 | 4 527 | 4 186 | 655 | 881 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 14 | 21 | 51 | 80 | 263 | 396 | 126 | 38 |
| 1987 -- | 13 | 12 | 101 | 137 | 444 | 460 | 140 | 66 |
| acres on which used, 1992 -- | 24 077 | 4 386 | 79 473 | 38 388 | 79 931 | 177 191 | 7 711 | 19 265 |
| 1987 -- | 22 859 | 1 041 | 27 035 | 44 962 | 68 432 | 145 947 | 17 932 | 8 990 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 2 | 1 | 15 | 49 | 28 | 17 | -- | 1 |
| 1987 -- | 3 | -- | 23 | 140 | 15 | 253 | -- | 2 |
| acres on which used, 1992 -- | (D) | (D) | 18 850 | 10 342 | 5 958 | 4 058 | -- | (D) |
| 1987 -- | 312 | -- | 11 876 | 17 127 | 1 380 | 40 596 | -- | (D) |

| Chemicals used | Lavaca | Lee | Leon | Liberty | Limestone | Lipscomb | Live Oak | Llano |
|--|---|--------|--------|---------|-----------|----------|----------|-------|
| | Commercial fertilizer -----farms, 1992 -- | 1 685 | 1 000 | 1 167 | 505 | 712 | 88 | 269 |
| 1987 -- | 1 721 | 1 051 | 1 112 | 459 | 634 | 108 | 410 | 172 |
| acres on which used, 1992 -- | 91 172 | 76 999 | 93 081 | 54 129 | 80 382 | 39 316 | 50 396 | 7 313 |
| 1987 -- | 80 111 | 70 387 | 98 064 | 51 375 | 81 309 | 36 230 | 71 404 | 6 970 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 986 | 589 | 654 | 289 | 449 | 84 | 134 | 139 |
| 1987 -- | 1 161 | 602 | 524 | 310 | 331 | 106 | 267 | 98 |
| acres on which used, 1992 -- | 36 944 | 21 489 | 30 696 | 45 941 | 38 660 | 36 479 | 30 518 | 3 107 |
| 1987 -- | 31 907 | 19 759 | 18 038 | 43 681 | 34 182 | 34 239 | 50 620 | 2 977 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 975 | 624 | 711 | 261 | 406 | 10 | 161 | 76 |
| 1987 -- | 921 | 730 | 801 | 220 | 410 | 6 | 188 | 93 |
| acres on which used, 1992 -- | 54 228 | 55 510 | 62 385 | 8 188 | 41 722 | 2 837 | 19 878 | 4 206 |
| 1987 -- | 48 204 | 50 628 | 80 026 | 7 694 | 47 127 | 1 991 | 20 784 | 3 993 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 91 | 93 | 51 | 98 | 70 | 3 | 28 | 30 |
| 1987 -- | 164 | 100 | 66 | 94 | 53 | 31 | 55 | 10 |
| acres on which used, 1992 -- | 4 144 | 4 345 | 602 | 35 596 | 14 533 | (D) | 4 849 | 237 |
| 1987 -- | 7 320 | 2 625 | 540 | 26 272 | 3 808 | 5 424 | 27 196 | 167 |
| Nematodes in crops -----farms, 1992 -- | 2 | 14 | 6 | -- | -- | -- | 1 | -- |
| 1987 -- | 3 | 1 | -- | 7 | -- | -- | 6 | -- |
| acres on which used, 1992 -- | (D) | 381 | 12 | -- | -- | -- | (D) | -- |
| 1987 -- | 642 | (D) | -- | 1 225 | -- | -- | 1 036 | -- |
| Diseases in crops and orchards -----farms, 1992 -- | 55 | 52 | 19 | 35 | 17 | -- | 11 | 16 |
| 1987 -- | 44 | 55 | 5 | 39 | 14 | 1 | 1 | 9 |
| acres on which used, 1992 -- | 2 783 | 3 571 | 127 | 10 753 | 742 | -- | 524 | 450 |
| 1987 -- | 1 729 | 2 146 | 40 | 9 747 | 118 | (D) | (D) | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 1 011 | 562 | 385 | 154 | 203 | 52 | 202 | 92 |
| 1987 -- | 1 115 | 598 | 445 | 172 | 277 | 115 | 277 | 65 |
| acres on which used, 1992 -- | 62 508 | 54 733 | 39 152 | 51 991 | 43 981 | 14 017 | 50 873 | 4 422 |
| 1987 -- | 59 906 | 52 664 | 41 436 | 38 657 | 27 674 | 33 839 | 62 429 | 5 545 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 9 | 21 | 15 | 2 | 11 | -- | 12 | 6 |
| 1987 -- | 14 | 6 | -- | 27 | 9 | -- | 10 | -- |
| acres on which used, 1992 -- | 90 | 780 | 762 | (D) | 2 776 | -- | 1 033 | 48 |
| 1987 -- | 256 | 10 | -- | 575 | 297 | -- | 1 269 | -- |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.

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

| Chemicals used | Counties | | | | | | | |
|--|----------|---------|---------|-----------|----------|----------|---------|--------|
| | Loving | Lubbock | Lynn | McCulloch | McLennan | McMullen | Madison | Marion |
| Commercial fertilizer -----farms, 1992 -- | — | 517 | 245 | 149 | 1 119 | 35 | 491 | 109 |
| 1987 -- | 1 | 554 | 298 | 153 | 1 165 | 34 | 424 | 137 |
| acres on which used, 1992 -- | — | 184 250 | 140 225 | 53 941 | 185 924 | 7 741 | 49 544 | 5 651 |
| 1987 -- | (D) | 157 960 | 104 471 | 29 123 | 165 363 | 6 347 | 34 284 | 7 988 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | — | 486 | 245 | 130 | 824 | 19 | 270 | 77 |
| 1987 -- | 1 | 551 | 287 | 145 | 803 | 26 | 188 | 66 |
| acres on which used, 1992 -- | — | 182 368 | (D) | 49 285 | 152 485 | 3 751 | 12 290 | 2 936 |
| 1987 -- | (D) | 154 500 | 101 665 | 25 696 | 128 940 | 2 160 | 9 833 | 2 803 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | — | 42 | 2 | 39 | 493 | 24 | 285 | 47 |
| 1987 -- | — | 17 | 25 | 39 | 590 | 20 | 278 | 99 |
| acres on which used, 1992 -- | — | 1 882 | (D) | 4 656 | 33 439 | 3 990 | 37 254 | 2 715 |
| 1987 -- | — | 3 460 | 2 806 | 3 427 | 36 423 | 4 187 | 24 451 | 5 185 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | — | 274 | 173 | 29 | 194 | — | 36 | — |
| 1987 -- | — | 453 | 207 | 37 | 227 | 2 | 66 | 18 |
| acres on which used, 1992 -- | — | 81 606 | 60 634 | 12 797 | 53 250 | — | 1 167 | — |
| 1987 -- | — | 109 917 | 71 357 | 8 106 | 33 992 | (D) | 1 444 | 234 |
| Nematodes in crops -----farms, 1992 -- | — | 67 | 25 | — | 10 | — | 2 | 1 |
| 1987 -- | — | 65 | 34 | — | 10 | — | 11 | — |
| acres on which used, 1992 -- | — | 24 772 | 9 366 | — | 4 448 | — | (D) | (D) |
| 1987 -- | — | 26 182 | 6 044 | — | (D) | — | (D) | — |
| Diseases in crops and orchards -----farms, 1992 -- | — | 56 | 33 | 29 | 28 | — | 2 | — |
| 1987 -- | — | 77 | 19 | 11 | 76 | — | 17 | 15 |
| acres on which used, 1992 -- | — | 8 669 | 7 459 | 2 626 | 2 808 | — | (D) | — |
| 1987 -- | — | 10 469 | 1 880 | 896 | 5 770 | — | 87 | 38 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | — | 483 | 300 | 102 | 455 | 40 | 203 | 34 |
| 1987 -- | — | 588 | 354 | 88 | 595 | 38 | 168 | 52 |
| acres on which used, 1992 -- | — | 218 801 | 184 045 | 16 971 | 110 115 | 14 508 | 44 042 | 1 955 |
| 1987 -- | — | 181 757 | 170 594 | 9 208 | 86 519 | 11 718 | 32 420 | 3 538 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | — | 105 | 145 | 4 | 37 | 1 | 2 | — |
| 1987 -- | — | 306 | 255 | 10 | 33 | — | 1 | — |
| acres on which used, 1992 -- | — | 24 561 | 63 205 | 1 577 | 8 728 | (D) | (D) | — |
| 1987 -- | — | 68 367 | 63 656 | 2 578 | 2 685 | — | (D) | — |

| Chemicals used | Counties | | | | | | | |
|--|----------|--------|-----------|----------|---------|--------|---------|---------|
| | Martin | Mason | Matagorda | Maverick | Medina | Menard | Midland | Milam |
| Commercial fertilizer -----farms, 1992 -- | 144 | 202 | 417 | 108 | 712 | 62 | 114 | 1 012 |
| 1987 -- | 162 | 218 | 390 | 73 | 690 | 38 | 127 | 999 |
| acres on which used, 1992 -- | 94 232 | 22 896 | 118 342 | 12 702 | 106 420 | 3 741 | 21 018 | 178 567 |
| 1987 -- | 73 546 | 20 555 | 113 424 | 26 035 | 114 094 | 2 522 | 17 898 | 159 686 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 144 | 143 | 347 | 96 | 515 | 50 | 85 | 617 |
| 1987 -- | 161 | 143 | 345 | 54 | 559 | 36 | 116 | 614 |
| acres on which used, 1992 -- | (D) | 9 980 | 108 116 | 11 033 | 84 695 | 2 801 | 18 484 | 104 922 |
| 1987 -- | (D) | 9 159 | 102 243 | (D) | 90 124 | 1 400 | 17 019 | 92 575 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 1 | 105 | 118 | 13 | 284 | 12 | 38 | 649 |
| 1987 -- | 3 | 97 | 77 | 21 | 244 | 10 | 11 | 597 |
| acres on which used, 1992 -- | (D) | 12 916 | 10 226 | 1 669 | 21 725 | 940 | 2 534 | 73 645 |
| 1987 -- | (D) | 11 396 | 11 181 | (D) | 23 970 | 1 122 | 879 | 67 111 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 42 | 43 | 196 | 59 | 133 | 13 | 46 | 192 |
| 1987 -- | 212 | 25 | 248 | 34 | 257 | 10 | 62 | 208 |
| acres on which used, 1992 -- | 13 568 | 3 199 | 78 519 | 5 852 | 28 245 | 600 | 8 728 | 53 381 |
| 1987 -- | 75 158 | 2 729 | 58 006 | 4 643 | 43 372 | 605 | 11 909 | 41 540 |
| Nematodes in crops -----farms, 1992 -- | 31 | 10 | 3 | 10 | 12 | — | 3 | 6 |
| 1987 -- | 1 | 7 | 41 | 9 | 29 | — | 1 | 8 |
| acres on which used, 1992 -- | 12 740 | 725 | 2 415 | 504 | 1 300 | — | 1 823 | 4 519 |
| 1987 -- | (D) | 793 | 6 613 | 181 | 6 202 | — | (D) | 155 |
| Diseases in crops and orchards -----farms, 1992 -- | — | 51 | 74 | 54 | 57 | 6 | 16 | 50 |
| 1987 -- | 1 | 36 | 68 | 24 | 71 | — | 14 | 33 |
| acres on which used, 1992 -- | — | 3 456 | 16 201 | 5 220 | 4 413 | 105 | 1 507 | 3 225 |
| 1987 -- | (D) | 3 116 | 10 490 | 1 468 | 5 486 | — | 118 | 2 558 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 155 | 167 | 317 | 68 | 382 | 41 | 82 | 554 |
| 1987 -- | 209 | 116 | 328 | 38 | 452 | 21 | 71 | 681 |
| acres on which used, 1992 -- | 83 731 | 19 053 | 119 842 | 7 588 | 57 669 | 7 927 | 22 379 | 95 607 |
| 1987 -- | 94 362 | 17 429 | 91 270 | 6 016 | 62 223 | 2 255 | 16 928 | 108 551 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 141 | — | 91 | 1 | 42 | — | 42 | 106 |
| 1987 -- | 188 | — | 58 | — | 41 | — | 40 | 97 |
| acres on which used, 1992 -- | 56 835 | — | 26 331 | (D) | 5 012 | — | 15 901 | 18 997 |
| 1987 -- | 60 515 | — | 8 151 | — | 3 059 | — | 12 558 | 12 432 |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** —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, 1992 -- | 285 | 80 | 619 | 446 | 161 | 222 | 68 | 590 | |
| 1987 -- | 278 | 97 | 616 | 457 | 186 | 217 | 55 | 690 | |
| acres on which used, 1992 -- | 33 502 | 39 236 | 61 686 | 12 162 | 130 068 | 9 933 | 26 870 | 27 314 | |
| 1987 -- | 28 047 | 24 381 | 61 942 | 11 052 | 101 712 | 9 624 | 18 495 | 36 216 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 231 | 79 | 364 | 240 | 159 | 144 | 66 | 342 | |
| 1987 -- | 209 | 86 | 333 | 226 | 175 | 132 | 52 | 407 | |
| acres on which used, 1992 -- | 23 250 | 38 631 | 33 424 | 4 519 | 129 303 | 5 893 | 26 040 | 9 837 | |
| 1987 -- | 12 936 | 24 161 | 21 958 | 4 144 | 96 945 | 4 286 | 13 170 | 13 575 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 121 | 8 | 354 | 247 | 4 | 96 | 5 | 324 | |
| 1987 -- | 98 | 11 | 414 | 274 | 13 | 102 | 26 | 374 | |
| acres on which used, 1992 -- | 10 252 | 605 | 28 262 | 7 643 | 765 | 4 040 | 830 | 17 477 | |
| 1987 -- | 15 111 | 220 | 39 984 | 6 908 | 4 767 | 5 338 | 5 325 | 22 641 | |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 40 | 49 | 85 | 31 | 110 | 1 | 16 | 55 | |
| 1987 -- | 48 | 89 | 54 | 101 | 151 | 31 | 35 | 54 | |
| acres on which used, 1992 -- | 5 929 | 9 552 | 6 349 | 167 | 59 138 | (D) | 5 017 | 2 096 | |
| 1987 -- | 3 770 | 13 665 | 3 655 | 2 691 | 54 819 | 670 | 9 863 | 872 | |
| Nematodes in crops -----farms, 1992 -- | — | 6 | — | 1 | 3 | — | — | 1 | |
| 1987 -- | 6 | — | 2 | 8 | — | 1 | — | 9 | |
| acres on which used, 1992 -- | — | 680 | — | (D) | 910 | — | — | (D) | |
| 1987 -- | 72 | — | (D) | 480 | — | (D) | — | 27 | |
| Diseases in crops and orchards -----farms, 1992 -- | 40 | 7 | 52 | 18 | 11 | 1 | 2 | 1 | |
| 1987 -- | 27 | — | 42 | 27 | 4 | 5 | 3 | 47 | |
| acres on which used, 1992 -- | 4 657 | 3 495 | 4 552 | 73 | 4 665 | (D) | (D) | (D) | |
| 1987 -- | 968 | — | 822 | 2 118 | 2 778 | 40 | 1 700 | 452 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 100 | 115 | 245 | 127 | 134 | 37 | 67 | 273 | |
| 1987 -- | 135 | 182 | 320 | 232 | 179 | 68 | 107 | 370 | |
| acres on which used, 1992 -- | 12 317 | 54 060 | 30 021 | 1 698 | 78 872 | 1 675 | 37 054 | 14 116 | |
| 1987 -- | 13 393 | 63 284 | 39 016 | 6 167 | 65 807 | 3 866 | 37 544 | 20 528 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 2 | 47 | 12 | 7 | 17 | — | 6 | 7 | |
| 1987 -- | — | 104 | — | 1 | 23 | — | 7 | 33 | |
| acres on which used, 1992 -- | (D) | 11 319 | 36 | 52 | 7 126 | — | 1 980 | 140 | |
| 1987 -- | — | 24 355 | — | (D) | 5 140 | — | 1 948 | 125 | |

| Chemicals used | | | | | | | | | |
|--|---------|--------|--------|---------|-----------|--------|--------|------------|--|
| | Navarro | Newton | Nolan | Nueces | Ochiltree | Oldham | Orange | Palo Pinto | |
| Commercial fertilizer -----farms, 1992 -- | 749 | 167 | 62 | 323 | 224 | 35 | 154 | 339 | |
| 1987 -- | 713 | 189 | 97 | 463 | 172 | 22 | 109 | 388 | |
| acres on which used, 1992 -- | 118 679 | 7 317 | 17 002 | 284 794 | 153 990 | 19 278 | 5 769 | 26 854 | |
| 1987 -- | 80 854 | 6 244 | 16 504 | 231 990 | 98 095 | 7 150 | 3 120 | 25 631 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 395 | 81 | 54 | 317 | 223 | 35 | 90 | 216 | |
| 1987 -- | 469 | 98 | 96 | 412 | 171 | 22 | 31 | 277 | |
| acres on which used, 1992 -- | 68 636 | 2 194 | 15 585 | 281 729 | 153 027 | (D) | 2 020 | 11 872 | |
| 1987 -- | 50 380 | 2 303 | (D) | 227 225 | 96 918 | 7 150 | 1 193 | 14 725 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 417 | 112 | 11 | 15 | 6 | 1 | 64 | 193 | |
| 1987 -- | 364 | 128 | 2 | 61 | 4 | — | 79 | 189 | |
| acres on which used, 1992 -- | 50 043 | 5 123 | 1 417 | 3 065 | 963 | (D) | 3 749 | 14 982 | |
| 1987 -- | 30 474 | 3 941 | (D) | 4 765 | 1 177 | — | 1 927 | 10 906 | |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 90 | 15 | 59 | 197 | 69 | 31 | 22 | 27 | |
| 1987 -- | 128 | 24 | 96 | 267 | 147 | 23 | 1 | 63 | |
| acres on which used, 1992 -- | 28 042 | 141 | 25 611 | 122 741 | 27 377 | 19 530 | 149 | 833 | |
| 1987 -- | 26 838 | 114 | 19 982 | 128 542 | 71 396 | 12 580 | (D) | 2 524 | |
| Nematodes in crops -----farms, 1992 -- | 26 | — | 2 | 3 | 3 | — | — | 1 | |
| 1987 -- | 2 | — | 1 | 16 | 4 | — | — | 1 | |
| acres on which used, 1992 -- | 2 838 | — | (D) | (D) | 1 550 | — | — | (D) | |
| 1987 -- | (D) | — | (D) | 9 033 | 1 756 | — | — | (D) | |
| Diseases in crops and orchards -----farms, 1992 -- | 15 | — | — | 4 | 1 | 9 | 13 | 19 | |
| 1987 -- | 23 | 5 | 1 | 15 | 2 | 5 | 1 | 25 | |
| acres on which used, 1992 -- | 2 213 | — | (D) | (D) | (D) | 2 017 | 49 | 455 | |
| 1987 -- | 94 | 25 | (D) | 11 804 | (D) | (D) | (D) | 283 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 297 | 25 | 129 | 224 | 148 | 65 | 35 | 103 | |
| 1987 -- | 271 | 46 | 153 | 310 | 131 | 66 | 8 | 128 | |
| acres on which used, 1992 -- | 60 572 | 451 | 58 845 | 203 793 | 63 135 | 29 423 | 750 | 8 198 | |
| 1987 -- | 48 816 | 688 | 41 915 | 152 314 | 60 305 | 54 668 | (D) | 14 853 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 41 | — | 43 | 123 | 40 | 1 | — | 1 | |
| 1987 -- | 55 | — | 81 | 212 | 13 | — | — | — | |
| acres on which used, 1992 -- | 12 631 | — | 17 189 | 46 677 | 7 444 | (D) | 189 | (D) | |
| 1987 -- | 9 329 | — | 16 046 | 62 234 | 3 532 | — | — | — | |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 – 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 | | | | | | | | |
|--|---|--------|---------|--------|--------|--------|----------|--------|--|
| | Panola | Parker | Parmer | Pecos | Polk | Potter | Presidio | Rains | |
| Commercial fertilizer -----farms, 1992 -- | 453 | 1 110 | 476 | 44 | 315 | 21 | 17 | 320 | |
| 1987 -- | 531 | 1 056 | 501 | 33 | 296 | 24 | 13 | 298 | |
| acres on which used, 1992 -- | 32 649 | 52 289 | 222 791 | 13 846 | 12 363 | 5 347 | 4 597 | 23 427 | |
| 1987 -- | 24 976 | 50 101 | 155 305 | 16 454 | 8 450 | 8 278 | 2 176 | 13 551 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 263 | 731 | 470 | 42 | 207 | 16 | 17 | 257 | |
| 1987 -- | 288 | 669 | 499 | 33 | 188 | 23 | 13 | 183 | |
| acres on which used, 1992 -- | 13 637 | 27 075 | 215 121 | (D) | 4 767 | 5 070 | 4 267 | 11 492 | |
| 1987 -- | 10 142 | 27 501 | 152 297 | (D) | 3 015 | (D) | 2 176 | 7 971 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 246 | 556 | 43 | 3 | 177 | 5 | 5 | 167 | |
| 1987 -- | 278 | 517 | 27 | 1 | 128 | 2 | -- | 147 | |
| acres on which used, 1992 -- | 19 012 | 25 214 | 7 670 | (D) | 7 596 | 277 | 330 | 11 935 | |
| 1987 -- | 14 834 | 22 600 | 3 008 | (D) | 5 435 | (D) | -- | 5 580 | |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 24 | 143 | 302 | 17 | 31 | 14 | 5 | 39 | |
| 1987 -- | 38 | 155 | 446 | 37 | 17 | 21 | 2 | 61 | |
| acres on which used, 1992 -- | 2 728 | 3 511 | 103 836 | 7 946 | 646 | 1 913 | 1 060 | 955 | |
| 1987 -- | 606 | 2 328 | 124 564 | 9 985 | 409 | 4 816 | (D) | 2 091 | |
| Nematodes in crops -----farms, 1992 -- | 1 | 10 | 70 | 7 | -- | -- | 1 | 2 | |
| 1987 -- | -- | 2 | 89 | -- | -- | -- | 3 | 2 | |
| acres on which used, 1992 -- | (D) | 39 | 18 814 | 664 | -- | -- | (D) | (D) | |
| 1987 -- | -- | (D) | 17 541 | -- | -- | -- | (D) | (D) | |
| Diseases in crops and orchards -----farms, 1992 -- | 4 | 100 | 40 | 3 | 15 | 3 | 1 | 7 | |
| 1987 -- | 8 | 94 | 39 | 2 | 18 | 2 | -- | 2 | |
| acres on which used, 1992 -- | (D) | 1 339 | 6 068 | (D) | 50 | (D) | (D) | 7 | |
| 1987 -- | 214 | 1 418 | 9 002 | (D) | 18 | (D) | -- | (D) | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 119 | 439 | 367 | 49 | 32 | 53 | 13 | 40 | |
| 1987 -- | 225 | 560 | 430 | 21 | 78 | 63 | 10 | 66 | |
| acres on which used, 1992 -- | 10 882 | 26 493 | 168 746 | 16 151 | 1 486 | 9 270 | 5 191 | 2 397 | |
| 1987 -- | 8 903 | 46 414 | 127 489 | 11 980 | 1 393 | 17 690 | 2 491 | 5 093 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 6 | 11 | 21 | 5 | 2 | -- | 1 | 1 | |
| 1987 -- | -- | 1 | 122 | 7 | -- | -- | -- | 1 | |
| acres on which used, 1992 -- | 6 | 15 | 2 580 | 1 137 | (D) | -- | (D) | (D) | |
| 1987 -- | -- | (D) | 13 947 | 2 690 | -- | -- | -- | (D) | |

| Chemicals used | Randall Reagan Real Red River Reeves Refugio Roberts Robertson | | | | | | | | |
|--|--|--------|-------|-----------|--------|---------|---------|-----------|--|
| | Randall | Reagan | Real | Red River | Reeves | Refugio | Roberts | Robertson | |
| Commercial fertilizer -----farms, 1992 -- | 147 | 27 | 34 | 583 | 52 | 128 | 29 | 731 | |
| 1987 -- | 198 | 36 | 37 | 541 | 57 | 114 | 21 | 785 | |
| acres on which used, 1992 -- | 58 711 | 17 076 | 1 203 | 61 229 | 8 840 | 85 046 | 13 509 | 115 006 | |
| 1987 -- | 47 019 | 12 162 | 2 073 | 55 358 | 9 461 | 53 725 | 6 984 | 80 571 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 138 | 27 | 31 | 358 | 49 | 69 | 21 | 406 | |
| 1987 -- | 197 | 36 | 34 | 338 | 55 | 97 | 18 | 378 | |
| acres on which used, 1992 -- | 58 491 | 17 076 | (D) | 32 445 | 8 834 | 80 157 | 10 901 | 40 923 | |
| 1987 -- | (D) | 12 162 | (D) | 30 935 | 9 063 | 49 888 | (D) | 31 989 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 9 | -- | 3 | 289 | 3 | 71 | 10 | 500 | |
| 1987 -- | 1 | -- | 3 | 288 | 5 | 30 | 3 | 559 | |
| acres on which used, 1992 -- | 220 | -- | (D) | 28 784 | 6 | 4 889 | 2 608 | 74 083 | |
| 1987 -- | (D) | -- | (D) | 24 423 | 398 | 3 837 | (D) | 48 582 | |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 63 | 24 | 25 | 55 | 30 | 43 | 2 | 72 | |
| 1987 -- | 187 | 42 | 14 | 49 | 40 | 60 | 13 | 86 | |
| acres on which used, 1992 -- | 21 308 | 17 470 | 344 | 8 810 | 6 434 | 55 898 | (D) | 23 907 | |
| 1987 -- | 50 863 | 17 299 | 249 | 4 425 | 5 154 | 22 633 | 2 619 | 21 575 | |
| Nematodes in crops -----farms, 1992 -- | 3 | -- | 3 | 2 | 4 | 1 | -- | 6 | |
| 1987 -- | 3 | 3 | -- | 2 | 3 | 9 | -- | 8 | |
| acres on which used, 1992 -- | (D) | -- | 27 | (D) | 349 | (D) | -- | 4 338 | |
| 1987 -- | 970 | 369 | -- | (D) | 3 | 1 296 | -- | 285 | |
| Diseases in crops and orchards -----farms, 1992 -- | 14 | -- | 13 | 2 | 5 | -- | -- | 27 | |
| 1987 -- | 25 | 4 | 15 | 34 | 3 | 4 | -- | 18 | |
| acres on which used, 1992 -- | 3 790 | -- | 84 | (D) | 499 | -- | -- | 3 196 | |
| 1987 -- | 2 682 | (D) | 302 | 1 346 | 15 | 60 | -- | 1 933 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 161 | 34 | 27 | 158 | 27 | 70 | 40 | 322 | |
| 1987 -- | 220 | 38 | 26 | 277 | 33 | 112 | 37 | 354 | |
| acres on which used, 1992 -- | 37 713 | 17 300 | 1 742 | 43 351 | 7 174 | 72 029 | 11 213 | 57 102 | |
| 1987 -- | 84 907 | 14 652 | 3 843 | 28 817 | 5 492 | 51 754 | 23 655 | 48 119 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 3 | 35 | -- | 12 | 13 | 37 | -- | 37 | |
| 1987 -- | -- | 47 | 5 | 24 | 21 | 40 | 1 | 46 | |
| acres on which used, 1992 -- | 4 | 19 421 | -- | 3 239 | 2 814 | 25 481 | -- | 15 172 | |
| 1987 -- | -- | 19 793 | 184 | 884 | 1 935 | 7 280 | (D) | 11 416 | |

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –Con.

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

| Chemicals used | County | | | | | | | | |
|--|----------|---------|--------|--------|---------------|-------------|--------------|----------|--|
| | Rockwall | Runnels | Rusk | Sabine | San Augustine | San Jacinto | San Patricio | San Saba | |
| Commercial fertilizer -----farms, 1992 -- | 105 | 337 | 758 | 139 | 162 | 183 | 363 | 313 | |
| 1987 -- | 96 | 262 | 784 | 138 | 162 | 202 | 390 | 291 | |
| acres on which used, 1992 -- | 16 655 | 71 812 | 35 669 | 7 214 | 6 208 | 9 428 | 199 791 | 39 127 | |
| 1987 -- | 12 595 | 56 456 | 42 919 | 5 328 | 7 413 | 8 133 | 180 565 | 34 517 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 79 | 318 | 443 | 101 | 87 | 95 | 270 | 241 | |
| 1987 -- | 64 | 236 | 340 | 71 | 99 | 108 | 356 | 228 | |
| acres on which used, 1992 -- | 15 810 | 69 599 | 15 658 | 4 833 | 1 685 | 3 402 | 194 032 | 28 144 | |
| 1987 -- | 8 536 | 50 994 | 9 190 | 2 307 | 3 348 | 1 114 | 177 174 | 25 721 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 33 | 35 | 421 | 38 | 103 | 111 | 124 | 118 | |
| 1987 -- | 56 | 66 | 515 | 74 | 93 | 99 | 58 | 87 | |
| acres on which used, 1992 -- | 845 | 2 213 | 20 011 | 2 381 | 4 523 | 6 026 | 5 759 | 10 983 | |
| 1987 -- | 4 059 | 5 462 | 33 729 | 3 021 | 4 065 | 7 019 | 3 391 | 8 796 | |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 15 | 123 | 36 | 10 | 21 | 17 | 198 | 42 | |
| 1987 -- | 13 | 97 | 94 | 9 | 8 | 26 | 285 | 87 | |
| acres on which used, 1992 -- | 5 581 | 48 451 | 435 | 549 | 214 | 327 | 109 697 | 4 907 | |
| 1987 -- | 3 483 | 22 126 | 2 237 | 707 | 162 | 471 | 98 734 | 9 354 | |
| Nematodes in crops -----farms, 1992 -- | 4 | 12 | -- | -- | -- | -- | 2 | 2 | |
| 1987 -- | -- | 6 | 1 | -- | -- | -- | 6 | 1 | |
| acres on which used, 1992 -- | 44 | 421 | -- | -- | -- | -- | (D) | (D) | |
| 1987 -- | -- | 1 470 | (D) | -- | -- | -- | 2 723 | (D) | |
| Diseases in crops and orchards -----farms, 1992 -- | 1 | 15 | -- | 10 | 2 | 17 | 1 | 48 | |
| 1987 -- | 2 | 5 | 32 | -- | -- | 10 | 14 | 42 | |
| acres on which used, 1992 -- | (D) | 1 364 | -- | (D) | (D) | 264 | (D) | 4 386 | |
| 1987 -- | (D) | 290 | 157 | -- | -- | 81 | 3 585 | 3 581 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 54 | 246 | 187 | 25 | 77 | 43 | 226 | 96 | |
| 1987 -- | 74 | 323 | 229 | 35 | 73 | 54 | 317 | 87 | |
| acres on which used, 1992 -- | 13 228 | 74 800 | 8 267 | 718 | 4 063 | 1 103 | 139 878 | 15 202 | |
| 1987 -- | 8 764 | 67 694 | 13 708 | 2 094 | 3 284 | 2 608 | 128 143 | 12 304 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | -- | 73 | -- | -- | -- | -- | 168 | 8 | |
| 1987 -- | -- | 111 | -- | -- | -- | -- | 218 | -- | |
| acres on which used, 1992 -- | -- | 19 484 | -- | -- | -- | (D) | 67 965 | 32 | |
| 1987 -- | -- | 15 707 | -- | -- | -- | -- | 61 012 | -- | |

| Chemicals used | County | | | | | | | | |
|--|------------|--------|-------------|--------|---------|--------|-----------|--------|--|
| | Schleicher | Scurry | Shackelford | Shelby | Sherman | Smith | Somervell | Starr | |
| Commercial fertilizer -----farms, 1992 -- | 35 | 157 | 78 | 474 | 161 | 1 150 | 97 | 42 | |
| 1987 -- | 22 | 189 | 87 | 528 | 160 | 1 047 | 110 | 82 | |
| acres on which used, 1992 -- | 2 658 | 31 377 | 14 650 | 24 914 | 139 702 | 59 296 | 6 169 | 43 921 | |
| 1987 -- | 3 230 | 29 929 | 14 386 | 27 396 | 123 715 | 53 551 | 6 929 | 49 116 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 33 | 147 | 62 | 273 | 160 | 612 | 52 | 42 | |
| 1987 -- | 18 | 156 | 80 | 271 | 160 | 695 | 63 | 54 | |
| acres on which used, 1992 -- | (D) | 27 119 | 7 562 | 7 633 | (D) | 26 202 | 3 187 | (D) | |
| 1987 -- | 1 808 | 22 850 | 11 842 | 6 792 | (D) | 15 484 | 3 445 | 44 542 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 2 | 19 | 19 | 229 | 3 | 698 | 73 | 1 | |
| 1987 -- | 4 | 35 | 25 | 309 | 3 | 524 | 62 | 29 | |
| acres on which used, 1992 -- | (D) | 4 258 | 7 088 | 17 281 | (D) | 33 094 | 2 982 | (D) | |
| 1987 -- | 1 422 | 7 079 | 2 544 | 20 604 | (D) | 38 067 | 3 484 | 4 574 | |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 13 | 49 | 3 | 83 | 117 | 123 | 1 | 34 | |
| 1987 -- | 56 | 107 | 12 | 36 | 150 | 227 | 21 | 32 | |
| acres on which used, 1992 -- | 1 651 | 11 721 | 1 433 | 1 939 | 66 766 | 11 797 | (D) | 18 448 | |
| 1987 -- | 12 871 | 17 176 | 2 965 | 1 441 | 84 514 | 6 464 | 1 885 | 70 602 | |
| Nematodes in crops -----farms, 1992 -- | -- | -- | -- | 1 | 1 | 10 | -- | 2 | |
| 1987 -- | -- | -- | -- | -- | 3 | 11 | 1 | 3 | |
| acres on which used, 1992 -- | -- | -- | -- | (D) | (D) | 567 | -- | (D) | |
| 1987 -- | -- | -- | -- | -- | 720 | 53 | (D) | (D) | |
| Diseases in crops and orchards -----farms, 1992 -- | 1 | 17 | -- | 17 | 11 | 76 | 17 | 12 | |
| 1987 -- | 7 | -- | -- | 7 | 4 | 129 | 6 | 5 | |
| acres on which used, 1992 -- | (D) | 507 | -- | 664 | 5 262 | 1 074 | 1 448 | 6 737 | |
| 1987 -- | 1 792 | -- | -- | 7 | 1 208 | 963 | 1 399 | (D) | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 40 | 183 | 33 | 238 | 144 | 254 | 52 | 21 | |
| 1987 -- | 66 | 229 | 61 | 271 | 148 | 333 | 62 | 22 | |
| acres on which used, 1992 -- | 7 914 | 52 718 | 8 584 | 22 494 | 75 588 | 13 271 | 3 439 | 37 498 | |
| 1987 -- | 28 688 | 70 825 | 15 611 | 17 832 | 85 151 | 12 051 | 9 563 | 39 360 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 6 | 69 | 1 | 2 | 12 | 3 | -- | 7 | |
| 1987 -- | 24 | 91 | 2 | 8 | 6 | 6 | -- | 8 | |
| acres on which used, 1992 -- | 1 204 | 11 242 | (D) | (D) | 2 860 | (D) | -- | 6 557 | |
| 1987 -- | 6 570 | 12 188 | (D) | 180 | 4 051 | 60 | -- | 20 735 | |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.

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

| Chemicals used | County | | | | | | | |
|--|----------|----------|-----------|--------|---------|---------|--------|---------|
| | Stephens | Sterling | Stonewall | Sutton | Swisher | Tarrant | Taylor | Terrell |
| Commercial fertilizer -----farms, 1992 -- | 115 | 2 | 77 | 14 | 260 | 382 | 333 | 5 |
| -----farms, 1987 -- | 108 | 5 | 125 | 8 | 358 | 382 | 209 | 4 |
| acres on which used, 1992 -- | 10 422 | (D) | 12 785 | 1 470 | 113 548 | 32 503 | 53 003 | (D) |
| -----farms, 1987 -- | 11 807 | 576 | 21 986 | 404 | 115 218 | 26 700 | 28 891 | (D) |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 107 | 2 | 65 | 14 | 257 | 241 | 299 | 5 |
| -----farms, 1987 -- | 90 | 5 | 117 | 8 | 358 | 231 | 185 | 3 |
| acres on which used, 1992 -- | 8 825 | (D) | 11 633 | 1 270 | 110 716 | 25 091 | 51 162 | (D) |
| -----farms, 1987 -- | 8 296 | (D) | 15 729 | 404 | (D) | 19 564 | 24 750 | 16 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 9 | -- | 12 | 5 | 15 | 167 | 45 | -- |
| -----farms, 1987 -- | 27 | 1 | 8 | -- | 8 | 183 | 40 | 1 |
| acres on which used, 1992 -- | 1 597 | -- | 1 152 | 200 | 2 832 | 7 412 | 1 841 | -- |
| -----farms, 1987 -- | 3 511 | (D) | 6 257 | -- | (D) | 7 136 | 4 141 | (D) |
| Sprays, dusts, granules, fumigants, etc., to control -----farms, 1992 -- | 3 | 1 | 14 | 3 | 151 | 33 | 37 | 3 |
| -----farms, 1987 -- | 1 | 1 | 58 | -- | 313 | 101 | 19 | 3 |
| acres on which used, 1992 -- | 115 | (D) | 2 127 | 376 | 55 458 | 6 265 | 17 292 | 22 |
| -----farms, 1987 -- | (D) | (D) | 11 927 | -- | 99 403 | 12 097 | 5 977 | 16 |
| Nematodes in crops -----farms, 1992 -- | -- | -- | -- | -- | 8 | 1 | -- | -- |
| -----farms, 1987 -- | -- | -- | -- | -- | 2 | 1 | 6 | -- |
| acres on which used, 1992 -- | -- | -- | -- | -- | 3 643 | (D) | -- | -- |
| -----farms, 1987 -- | -- | -- | -- | -- | (D) | (D) | 60 | -- |
| Diseases in crops and orchards -----farms, 1992 -- | 8 | 1 | 2 | 1 | 23 | 14 | 4 | 3 |
| -----farms, 1987 -- | -- | 1 | -- | 1 | 17 | 44 | 14 | 2 |
| acres on which used, 1992 -- | 32 | (D) | (D) | (D) | 5 060 | 104 | (D) | 22 |
| -----farms, 1987 -- | -- | (D) | -- | (D) | 2 607 | 77 | 354 | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 31 | 24 | 55 | 50 | 230 | 195 | 125 | 22 |
| -----farms, 1987 -- | 115 | 10 | 90 | 55 | 378 | 262 | 117 | 41 |
| acres on which used, 1992 -- | 6 206 | 13 684 | 16 737 | 10 871 | 93 476 | 15 520 | 30 466 | 5 403 |
| -----farms, 1987 -- | 14 560 | 9 869 | 22 644 | 18 416 | 141 768 | 15 540 | 17 927 | 1 790 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | -- | 1 | 3 | 1 | 7 | 10 | 6 | -- |
| -----farms, 1987 -- | 6 | 1 | 17 | -- | 73 | 21 | 20 | -- |
| acres on which used, 1992 -- | -- | (D) | 333 | (D) | 1 633 | 70 | 6 515 | -- |
| -----farms, 1987 -- | 1 170 | (D) | 2 365 | -- | 9 802 | 270 | 2 127 | -- |

| Chemicals used | County | | | | | | | |
|--|---------|--------------|--------|-----------|--------|---------|--------|--------|
| | Terry | Throckmorton | Titus | Tom Green | Travis | Trinity | Tyler | Upshur |
| Commercial fertilizer -----farms, 1992 -- | 369 | 111 | 404 | 326 | 438 | 412 | 252 | 654 |
| -----farms, 1987 -- | 437 | 119 | 408 | 253 | 499 | 378 | 335 | 566 |
| acres on which used, 1992 -- | 212 595 | 52 070 | 16 781 | 48 531 | 58 302 | 19 215 | 10 606 | 36 190 |
| -----farms, 1987 -- | 227 870 | 42 693 | 15 698 | 39 127 | 61 290 | 19 041 | 12 852 | 28 524 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 369 | 102 | 261 | 312 | 322 | 287 | 179 | 369 |
| -----farms, 1987 -- | 435 | 110 | 209 | 244 | 376 | 233 | 236 | 271 |
| acres on which used, 1992 -- | 211 897 | 46 790 | 8 209 | 46 440 | 46 350 | 8 986 | 6 105 | 10 994 |
| -----farms, 1987 -- | 227 354 | 39 697 | 5 663 | 38 157 | 47 959 | 6 823 | 5 398 | 9 977 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 11 | 23 | 177 | 29 | 165 | 172 | 135 | 355 |
| -----farms, 1987 -- | 6 | 21 | 232 | 16 | 207 | 189 | 184 | 380 |
| acres on which used, 1992 -- | 698 | 5 280 | 8 572 | 2 091 | 11 952 | 10 229 | 4 501 | 25 196 |
| -----farms, 1987 -- | 516 | 2 996 | 10 035 | 970 | 13 331 | 12 218 | 7 454 | 18 547 |
| Sprays, dusts, granules, fumigants, etc., to control -----farms, 1992 -- | 205 | 21 | 40 | 183 | 121 | 15 | 16 | 59 |
| -----farms, 1987 -- | 215 | 42 | 21 | 233 | 201 | 6 | 46 | 41 |
| acres on which used, 1992 -- | 84 843 | 5 257 | 1 573 | 58 560 | 21 689 | 301 | 177 | 773 |
| -----farms, 1987 -- | 93 320 | 12 338 | 1 144 | 54 332 | 22 228 | 54 | 837 | 439 |
| Nematodes in crops -----farms, 1992 -- | 144 | -- | -- | 3 | 9 | -- | -- | -- |
| -----farms, 1987 -- | 126 | -- | 7 | 14 | -- | -- | -- | 18 |
| acres on which used, 1992 -- | 67 002 | -- | -- | (D) | 189 | -- | -- | -- |
| -----farms, 1987 -- | 53 332 | -- | 77 | 644 | -- | -- | -- | 378 |
| Diseases in crops and orchards -----farms, 1992 -- | 41 | 4 | 25 | 21 | 20 | 1 | 1 | 28 |
| -----farms, 1987 -- | 30 | 1 | 6 | 50 | 20 | 7 | 9 | 46 |
| acres on which used, 1992 -- | 15 293 | 662 | 97 | 575 | 388 | (D) | (D) | 56 |
| -----farms, 1987 -- | 7 389 | (D) | 6 | 1 113 | 211 | 21 | (D) | 466 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 278 | 43 | 82 | 224 | 208 | 32 | 37 | 186 |
| -----farms, 1987 -- | 321 | 58 | 153 | 235 | 256 | 55 | 75 | 258 |
| acres on which used, 1992 -- | 142 915 | 16 050 | 17 706 | 93 217 | 39 504 | 3 723 | 6 755 | 16 589 |
| -----farms, 1987 -- | 173 955 | 16 146 | 7 123 | 67 674 | 30 771 | 4 078 | 4 273 | 20 140 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 127 | 8 | -- | 148 | 52 | -- | -- | 1 |
| -----farms, 1987 -- | 217 | 3 | 8 | 201 | 66 | -- | -- | 5 |
| acres on which used, 1992 -- | 42 322 | 1 341 | -- | 40 835 | 5 609 | -- | -- | (D) |
| -----farms, 1987 -- | 60 006 | (D) | 16 | 36 219 | 4 906 | -- | -- | 50 |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 —Con.

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

| Chemicals used | Upton | Uvalde | Val Verde | Van Zandt | Victoria | Walker | Waller | Ward |
|--|--------|--------|-----------|-----------|----------|--------|--------|-------|
| Commercial fertilizer -----farms, 1992 -- | 35 | 238 | 29 | 1 479 | 564 | 448 | 475 | 15 |
| 1987 -- | 19 | 248 | 29 | 1 532 | 589 | 450 | 466 | 20 |
| acres on which used, 1992 -- | 11 144 | 69 640 | 549 | 114 535 | 80 045 | 27 925 | 52 385 | 1 085 |
| 1987 -- | 4 919 | 81 643 | 873 | 92 330 | 77 633 | 40 468 | 50 910 | 448 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 34 | 201 | 22 | 782 | 282 | 299 | 303 | 15 |
| 1987 -- | 18 | 236 | 19 | 801 | 392 | 206 | 289 | 19 |
| acres on which used, 1992 -- | (D) | 60 637 | 421 | 40 441 | 67 967 | 14 508 | 31 158 | 1 085 |
| 1987 -- | (D) | 80 148 | (D) | 31 164 | 69 139 | 7 311 | 33 570 | 435 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 2 | 54 | 13 | 882 | 368 | 218 | 274 | -- |
| 1987 -- | 1 | 18 | 10 | 897 | 256 | 314 | 240 | 3 |
| acres on which used, 1992 -- | (D) | 9 003 | 128 | 74 094 | 12 078 | 13 417 | 21 227 | -- |
| 1987 -- | (D) | 1 495 | (D) | 61 166 | 8 494 | 33 157 | 17 340 | 13 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 17 | 97 | -- | 131 | 130 | 47 | 37 | 8 |
| 1987 -- | 19 | 151 | 10 | 236 | 179 | 49 | 93 | 8 |
| acres on which used, 1992 -- | 4 820 | 28 649 | -- | 5 251 | 48 081 | 4 962 | 14 325 | (D) |
| 1987 -- | 7 409 | 47 645 | 241 | 6 336 | 50 459 | 1 471 | 18 178 | 66 |
| Nematodes in crops -----farms, 1992 -- | -- | 7 | -- | 7 | 10 | -- | 2 | 1 |
| 1987 -- | -- | 12 | -- | 41 | 18 | -- | 6 | 2 |
| acres on which used, 1992 -- | -- | 1 880 | -- | 592 | 5 460 | -- | (D) | (D) |
| 1987 -- | -- | 2 973 | -- | 1 481 | 9 265 | -- | (D) | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | 3 | 40 | -- | 68 | 8 | 7 | 25 | 1 |
| 1987 -- | 4 | 54 | 5 | 118 | 17 | 15 | 108 | 4 |
| acres on which used, 1992 -- | (D) | 5 672 | -- | 2 719 | 3 919 | 14 | 6 167 | (D) |
| 1987 -- | 99 | 5 820 | 17 | 3 084 | 5 771 | 72 | 11 574 | 40 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 31 | 123 | 32 | 353 | 406 | 138 | 137 | 14 |
| 1987 -- | 24 | 153 | 23 | 481 | 482 | 164 | 225 | 7 |
| acres on which used, 1992 -- | 11 213 | 36 204 | 5 789 | 35 591 | 78 446 | 17 417 | 20 216 | 1 801 |
| 1987 -- | 9 605 | 38 232 | 5 634 | 28 691 | 73 617 | 11 408 | 30 731 | 204 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 24 | 56 | -- | 21 | 43 | 2 | 3 | -- |
| 1987 -- | 21 | 74 | -- | 14 | 10 | 1 | 18 | 1 |
| acres on which used, 1992 -- | 8 646 | 8 274 | -- | 305 | 15 456 | (D) | (D) | -- |
| 1987 -- | 6 454 | 12 554 | -- | 134 | 285 | (D) | 491 | (D) |

| Chemicals used | Washington | Webb | Wharton | Wheeler | Wichita | Wilbarger | Willacy | Williamson |
|--|------------|--------|---------|---------|---------|-----------|---------|------------|
| Commercial fertilizer -----farms, 1992 -- | 1 265 | 23 | 883 | 255 | 334 | 359 | 173 | 1 195 |
| 1987 -- | 1 210 | 34 | 884 | 234 | 290 | 370 | 163 | 1 166 |
| acres on which used, 1992 -- | 78 485 | 4 097 | 251 048 | 83 324 | 97 604 | 166 608 | 160 257 | 222 235 |
| 1987 -- | 57 071 | 2 806 | 231 257 | 74 904 | 63 923 | 118 977 | 123 205 | 179 010 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 798 | 14 | 712 | 197 | 287 | 298 | 173 | 959 |
| 1987 -- | 705 | 17 | 743 | 212 | 267 | 370 | 156 | 927 |
| acres on which used, 1992 -- | 29 428 | 1 622 | 238 690 | 61 061 | 92 547 | 143 921 | (D) | 194 628 |
| 1987 -- | 23 930 | 1 328 | 215 635 | 52 093 | 60 111 | 114 583 | 123 018 | 136 769 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 639 | 10 | 238 | 128 | 97 | 103 | 2 | 492 |
| 1987 -- | 678 | 17 | 253 | 96 | 62 | 38 | 9 | 475 |
| acres on which used, 1992 -- | 49 057 | 2 475 | 12 358 | 22 263 | 5 057 | 22 687 | (D) | 27 607 |
| 1987 -- | 33 141 | 1 478 | 15 622 | 22 811 | 3 812 | 4 394 | 187 | 42 241 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 47 | 5 | 457 | 5 | 54 | 111 | 157 | 500 |
| 1987 -- | 83 | 18 | 466 | 38 | 102 | 202 | 162 | 407 |
| acres on which used, 1992 -- | 3 092 | (D) | 178 731 | 1 955 | 23 509 | 31 984 | 93 488 | 115 401 |
| 1987 -- | 2 456 | 644 | 144 364 | 4 801 | 22 439 | 59 287 | 88 043 | 76 960 |
| Nematodes in crops -----farms, 1992 -- | 1 | -- | 33 | -- | 2 | -- | 7 | 26 |
| 1987 -- | 2 | -- | 43 | -- | -- | -- | 3 | 31 |
| acres on which used, 1992 -- | (D) | -- | 17 856 | -- | (D) | -- | 2 071 | 3 253 |
| 1987 -- | (D) | -- | 7 126 | -- | -- | -- | (D) | 3 721 |
| Diseases in crops and orchards -----farms, 1992 -- | 11 | 1 | 195 | 1 | 6 | 12 | 4 | 82 |
| 1987 -- | 24 | 8 | 132 | 1 | 15 | -- | 17 | 67 |
| acres on which used, 1992 -- | 57 | (D) | 50 926 | (D) | 3 020 | (D) | 567 | 3 942 |
| 1987 -- | 424 | 285 | 33 521 | (D) | (D) | -- | 1 793 | 4 875 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 521 | 44 | 505 | 61 | 125 | 183 | 112 | 695 |
| 1987 -- | 623 | 61 | 631 | 117 | 103 | 247 | 104 | 900 |
| acres on which used, 1992 -- | 51 457 | 12 078 | 174 288 | 15 653 | 21 338 | 72 771 | 114 015 | 127 737 |
| 1987 -- | 53 305 | 27 185 | 174 807 | 28 385 | 25 572 | 106 784 | 81 525 | 131 969 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 3 | 1 | 159 | 3 | 9 | 67 | 142 | 277 |
| 1987 -- | 8 | 1 | 119 | 3 | 24 | 87 | 126 | 338 |
| acres on which used, 1992 -- | (D) | (D) | 32 877 | 626 | 2 280 | 18 605 | 68 597 | 47 555 |
| 1987 -- | 230 | (D) | 13 201 | (D) | 2 003 | 12 514 | 63 900 | 40 180 |

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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, 1992 -- | 978 | 4 | 1 150 | 835 | 178 | 287 | 32 | 69 |
| 1987 -- | 981 | 4 | 1 066 | 788 | 211 | 289 | 22 | 91 |
| acres on which used, 1992 -- | 113 842 | 31 | 75 047 | 41 476 | 141 117 | 68 138 | 10 849 | 28 670 |
| 1987 -- | 112 751 | 19 | 63 628 | 37 282 | 112 609 | 49 357 | 1 006 | 30 577 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 643 | 3 | 825 | 503 | 165 | 258 | 18 | 60 |
| 1987 -- | 619 | 4 | 703 | 528 | 211 | 248 | 22 | 70 |
| acres on which used, 1992 -- | 60 900 | 12 | 47 642 | 22 626 | 132 689 | 65 284 | 3 321 | 26 935 |
| 1987 -- | 66 589 | (D) | 41 281 | 17 840 | (D) | 42 791 | 1 006 | 26 038 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 520 | 3 | 516 | 395 | 14 | 45 | 14 | 25 |
| 1987 -- | 538 | 2 | 521 | 331 | 3 | 63 | -- | 21 |
| acres on which used, 1992 -- | 52 942 | 19 | 27 405 | 18 850 | 8 428 | 2 854 | 7 528 | 1 735 |
| 1987 -- | 46 162 | (D) | 22 347 | 19 442 | (D) | 6 566 | -- | 4 539 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 95 | 2 | 128 | 72 | 89 | 20 | 4 | 39 |
| 1987 -- | 117 | -- | 133 | 115 | 108 | 47 | 14 | 71 |
| acres on which used, 1992 -- | 15 978 | (D) | 8 847 | 2 335 | 59 038 | 8 783 | 3 126 | 14 570 |
| 1987 -- | 17 116 | -- | 5 765 | 3 714 | 59 723 | 17 607 | 740 | 23 593 |
| Nematodes in crops -----farms, 1992 -- | 30 | -- | -- | 15 | 15 | -- | -- | 3 |
| 1987 -- | 27 | -- | 6 | 32 | 28 | 10 | -- | 11 |
| acres on which used, 1992 -- | 2 046 | -- | -- | 1 535 | 11 732 | -- | -- | 1 421 |
| 1987 -- | 4 270 | -- | 90 | 2 207 | 9 774 | 444 | -- | 1 584 |
| Diseases in crops and orchards -----farms, 1992 -- | 57 | 2 | 54 | 49 | 28 | 10 | 2 | 19 |
| 1987 -- | 94 | -- | 51 | 52 | 24 | 14 | 6 | 39 |
| acres on which used, 1992 -- | 8 414 | (D) | 1 961 | 552 | 11 493 | 1 031 | (D) | 7 246 |
| 1987 -- | 8 481 | -- | 1 144 | 1 654 | 2 564 | 593 | 540 | 5 428 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 531 | 4 | 523 | 234 | 120 | 44 | 3 | 63 |
| 1987 -- | 546 | 5 | 565 | 198 | 125 | 198 | 28 | 62 |
| acres on which used, 1992 -- | 62 007 | (D) | 34 035 | 8 725 | 93 747 | 15 429 | (D) | 22 186 |
| 1987 -- | 43 354 | 6 910 | 35 663 | 8 489 | 70 975 | 22 709 | 5 833 | 20 997 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 12 | -- | -- | 9 | 74 | 4 | 1 | 23 |
| 1987 -- | 3 | -- | -- | 5 | 78 | 6 | -- | 33 |
| acres on which used, 1992 -- | 1 638 | -- | -- | (D) | 42 702 | 4 833 | (D) | 5 960 |
| 1987 -- | (D) | -- | -- | 50 | 26 176 | 6 418 | -- | 8 160 |