

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 | Utah | Beaver | Box Elder | Cache | Carbon | Daggett | Davis |
|--|---|--------|-----------|--------|--------|---------|--------|
| | Commercial fertilizer -----farms, 1992 -- | 6 232 | 67 | 620 | 644 | 78 | 19 |
| 1987 -- | 6 324 | 47 | 634 | 633 | 65 | 14 | 368 |
| acres on which used, 1992 -- | 596 697 | 11 443 | 126 742 | 62 253 | 2 962 | 3 048 | 17 629 |
| 1987 -- | 552 903 | 9 103 | 121 701 | 51 226 | 3 139 | 2 903 | 13 229 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 5 794 | 64 | 599 | 607 | 51 | 16 | 261 |
| 1987 -- | 5 904 | 46 | 615 | 603 | 48 | 14 | 338 |
| acres on which used, 1992 -- | 549 964 | 11 059 | 123 181 | 59 305 | 2 305 | 1 744 | 16 075 |
| 1987 -- | 518 188 | 8 756 | 116 286 | 49 899 | 2 772 | (D) | 12 854 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 1 234 | 7 | 90 | 161 | 30 | 7 | 64 |
| 1987 -- | 1 029 | 4 | 64 | 84 | 20 | 3 | 50 |
| acres on which used, 1992 -- | 46 733 | 384 | 3 561 | 2 948 | 657 | 1 304 | 1 554 |
| 1987 -- | 34 715 | 347 | 5 415 | 1 327 | 367 | (D) | 375 |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 3 194 | 88 | 332 | 381 | 54 | -- | 148 |
| 1987 -- | 4 075 | 117 | 348 | 438 | 65 | 4 | 219 |
| acres on which used, 1992 -- | 257 165 | 16 807 | 31 744 | 25 756 | 2 428 | -- | 5 478 |
| 1987 -- | 284 299 | 18 972 | 26 789 | 29 828 | 3 542 | 507 | 6 403 |
| Nematodes in crops -----farms, 1992 -- | 78 | -- | 6 | 14 | -- | -- | 11 |
| 1987 -- | 85 | 1 | 26 | 10 | 2 | -- | 5 |
| acres on which used, 1992 -- | 2 949 | -- | 523 | 513 | -- | -- | 228 |
| 1987 -- | 4 901 | (D) | 739 | 416 | (D) | -- | 245 |
| Diseases in crops and orchards -----farms, 1992 -- | 414 | -- | 72 | 30 | 8 | -- | 19 |
| 1987 -- | 558 | 1 | 112 | 23 | -- | -- | 64 |
| acres on which used, 1992 -- | 13 269 | -- | 2 386 | 1 515 | 32 | -- | 688 |
| 1987 -- | 21 048 | (D) | 2 915 | 392 | -- | -- | 516 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 3 332 | 20 | 355 | 500 | 25 | 11 | 187 |
| 1987 -- | 4 655 | 57 | 581 | 636 | 42 | 5 | 183 |
| acres on which used, 1992 -- | 284 490 | 2 262 | 60 583 | 41 008 | 1 311 | 327 | 9 586 |
| 1987 -- | 360 811 | 5 472 | 88 320 | 39 491 | 1 713 | (D) | 8 391 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 236 | 1 | 20 | 13 | 1 | 1 | 15 |
| 1987 -- | 265 | 9 | 20 | 15 | 1 | 1 | 23 |
| acres on which used, 1992 -- | 12 930 | (D) | 117 | 697 | (D) | (D) | 139 |
| 1987 -- | 9 314 | 45 | 776 | 650 | (D) | (D) | 105 |

| Chemicals used | Duchesne | Emery | Garfield | Grand | Iron | Juab | Kane |
|--|---|--------|----------|-------|--------|--------|-------|
| | Commercial fertilizer -----farms, 1992 -- | 351 | 210 | 107 | 43 | 206 | 82 |
| 1987 -- | 346 | 222 | 112 | 40 | 181 | 93 | 46 |
| acres on which used, 1992 -- | 39 979 | 12 037 | 10 760 | 1 072 | 31 862 | 11 749 | 1 955 |
| 1987 -- | 28 727 | 11 954 | 5 740 | 1 332 | 24 289 | 14 254 | 1 478 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 316 | 191 | 102 | 37 | 205 | 81 | 48 |
| 1987 -- | 310 | 215 | 108 | 36 | 166 | 84 | 44 |
| acres on which used, 1992 -- | 32 083 | 10 768 | 8 285 | 819 | (D) | 11 304 | 1 955 |
| 1987 -- | 22 765 | 10 195 | 5 260 | 1 047 | 23 789 | 13 684 | (D) |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 117 | 46 | 42 | 7 | 2 | 11 | -- |
| 1987 -- | 120 | 48 | 9 | 13 | 24 | 20 | 2 |
| acres on which used, 1992 -- | 7 896 | 1 269 | 2 475 | 253 | (D) | 445 | -- |
| 1987 -- | 5 962 | 1 759 | 480 | 285 | 500 | 570 | (D) |
| Sprays, dusts, granules, fumigants, etc., to control -- | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 47 | 173 | 63 | 18 | 126 | 32 | 26 |
| 1987 -- | 116 | 214 | 63 | 19 | 163 | 74 | 18 |
| acres on which used, 1992 -- | 2 405 | 9 369 | 3 007 | (D) | 22 741 | 3 508 | 887 |
| 1987 -- | 9 514 | 8 912 | 4 122 | 825 | 29 430 | 5 206 | 549 |
| Nematodes in crops -----farms, 1992 -- | -- | 3 | 6 | -- | 2 | -- | 1 |
| 1987 -- | -- | 2 | 1 | -- | 1 | -- | -- |
| acres on which used, 1992 -- | -- | 39 | 450 | -- | (D) | -- | (D) |
| 1987 -- | -- | (D) | (D) | -- | (D) | -- | -- |
| Diseases in crops and orchards -----farms, 1992 -- | -- | 2 | -- | 9 | 1 | 1 | -- |
| 1987 -- | -- | 9 | 5 | 10 | 4 | -- | 1 |
| acres on which used, 1992 -- | -- | (D) | -- | 61 | (D) | (D) | -- |
| 1987 -- | -- | (D) | 21 | 79 | (D) | -- | (D) |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 98 | 76 | 13 | 24 | 87 | 52 | 16 |
| 1987 -- | 209 | 120 | 21 | 17 | 68 | 99 | 30 |
| acres on which used, 1992 -- | 5 583 | 3 051 | 1 779 | 754 | 15 453 | 8 981 | 731 |
| 1987 -- | 9 987 | 3 120 | 1 349 | (D) | 12 582 | 9 878 | 2 480 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | -- | -- | 1 | -- | -- | -- | -- |
| 1987 -- | -- | 9 | -- | -- | -- | 15 | -- |
| acres on which used, 1992 -- | -- | -- | (D) | -- | -- | -- | -- |
| 1987 -- | -- | 31 | -- | -- | -- | 440 | -- |

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 | | | | | | | | |
|--|----------|--------|-------|-------|-----------|----------|---------|--------|--|
| | Millard | Morgan | Piute | Rich | Salt Lake | San Juan | Sanpete | Sevier | |
| Commercial fertilizer -----farms, 1992 -- | 383 | 58 | 36 | 52 | 248 | 56 | 249 | 186 | |
| 1987 -- | 358 | 45 | 59 | 37 | 272 | 86 | 246 | 273 | |
| acres on which used, 1992 -- | 61 310 | 2 315 | 3 747 | 9 386 | 16 835 | 13 510 | 18 060 | 15 969 | |
| 1987 -- | 55 733 | 3 993 | 4 376 | 7 191 | 19 496 | 13 832 | 22 772 | 22 087 | |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 383 | 50 | 35 | 50 | 232 | 55 | 246 | 176 | |
| 1987 -- | 351 | 41 | 56 | 35 | 241 | 86 | 245 | 267 | |
| acres on which used, 1992 -- | 61 058 | 2 115 | 3 667 | 9 156 | 16 504 | (D) | 17 136 | 13 684 | |
| 1987 -- | 55 033 | 3 818 | 4 181 | (D) | 14 969 | 13 800 | 21 842 | 21 635 | |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 5 | 16 | 3 | 3 | 37 | 1 | 23 | 40 | |
| 1987 -- | 15 | 5 | 9 | 2 | 71 | 8 | 17 | 18 | |
| acres on which used, 1992 -- | 252 | 200 | 80 | 230 | 331 | (D) | 924 | 2 285 | |
| 1987 -- | 700 | 175 | 195 | (D) | 4 527 | 32 | 930 | 452 | |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 351 | 35 | 38 | 3 | 80 | 24 | 181 | 123 | |
| 1987 -- | 377 | 37 | 56 | 11 | 127 | 47 | 239 | 196 | |
| acres on which used, 1992 -- | 52 960 | 1 641 | 2 483 | 349 | 2 717 | 3 378 | 17 924 | 10 774 | |
| 1987 -- | 47 263 | 3 816 | 4 363 | 1 245 | 3 399 | 7 383 | 20 977 | 12 176 | |
| Nematodes in crops -----farms, 1992 -- | 2 | 1 | — | — | 3 | — | 3 | 2 | |
| 1987 -- | 1 | 3 | — | — | 2 | — | — | 16 | |
| acres on which used, 1992 -- | (D) | (D) | — | — | (D) | — | (D) | (D) | |
| 1987 -- | (D) | 894 | — | — | (D) | — | — | 777 | |
| Diseases in crops and orchards -----farms, 1992 -- | 3 | 1 | — | — | 12 | 5 | 8 | 1 | |
| 1987 -- | 2 | 8 | 2 | — | 27 | 14 | 11 | 7 | |
| acres on which used, 1992 -- | (D) | (D) | — | — | 614 | 10 | 8 | (D) | |
| 1987 -- | (D) | 171 | (D) | — | 122 | 126 | 651 | 315 | |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 209 | 34 | 12 | 30 | 138 | 78 | 213 | 86 | |
| 1987 -- | 319 | 52 | 28 | 44 | 185 | 67 | 304 | 197 | |
| acres on which used, 1992 -- | 24 487 | 1 462 | 362 | 2 652 | 10 289 | 17 161 | 12 594 | 5 319 | |
| 1987 -- | 39 000 | 2 969 | 1 816 | 8 705 | 10 142 | 15 622 | 15 010 | 11 614 | |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | 30 | — | 1 | — | 9 | 6 | 1 | 9 | |
| 1987 -- | 23 | 6 | 2 | — | 7 | 3 | 10 | 3 | |
| acres on which used, 1992 -- | 3 011 | — | (D) | — | 4 705 | 282 | (D) | 270 | |
| 1987 -- | 3 299 | 6 | (D) | — | 46 | (D) | 379 | (D) | |

| Chemicals used | Counties | | | | | | | |
|--|----------|--------|--------|--------|---------|------------|-------|--------|
| | Summit | Tooele | Uintah | Utah | Wasatch | Washington | Wayne | Weber |
| Commercial fertilizer -----farms, 1992 -- | 130 | 59 | 348 | 895 | 97 | 180 | 97 | 390 |
| 1987 -- | 122 | 58 | 251 | 966 | 83 | 209 | 119 | 339 |
| acres on which used, 1992 -- | 6 545 | 4 685 | 25 309 | 52 873 | 2 324 | 6 462 | 6 228 | 17 648 |
| 1987 -- | 6 370 | 7 934 | 14 655 | 54 715 | 2 932 | 6 322 | 6 266 | 15 154 |
| Cropland fertilized, except pastureland -----farms, 1992 -- | 123 | 47 | 312 | 831 | 84 | 168 | 97 | 327 |
| 1987 -- | 100 | 57 | 234 | 893 | 82 | 183 | 115 | 291 |
| acres on which used, 1992 -- | 5 528 | 3 825 | 20 016 | 46 341 | 1 640 | 5 265 | 6 183 | 13 951 |
| 1987 -- | 5 042 | (D) | 11 482 | 52 533 | 2 717 | 5 800 | 5 911 | 12 989 |
| Pastureland and rangeland fertilized -----farms, 1992 -- | 20 | 14 | 83 | 227 | 27 | 24 | 8 | 119 |
| 1987 -- | 29 | 2 | 69 | 193 | 3 | 37 | 8 | 82 |
| acres on which used, 1992 -- | 1 017 | 860 | 5 293 | 6 532 | 684 | 1 197 | 45 | 3 697 |
| 1987 -- | 1 328 | (D) | 3 173 | 2 182 | 215 | 522 | 355 | 2 165 |
| Sprays, dusts, granules, fumigants, etc., to control — | | | | | | | | |
| Insects on hay and other crops -----farms, 1992 -- | 3 | 11 | 132 | 477 | 18 | 68 | 41 | 121 |
| 1987 -- | 16 | 21 | 94 | 641 | 44 | 126 | 31 | 154 |
| acres on which used, 1992 -- | (D) | 831 | 8 124 | 21 858 | 687 | 2 763 | 2 149 | 3 626 |
| 1987 -- | 777 | 316 | 7 235 | 20 809 | 1 270 | 2 430 | 1 589 | 4 652 |
| Nematodes in crops -----farms, 1992 -- | — | — | — | 10 | 12 | 2 | — | — |
| 1987 -- | — | — | 2 | 3 | — | 6 | 2 | 2 |
| acres on which used, 1992 -- | — | — | — | 150 | 102 | (D) | — | — |
| 1987 -- | — | — | (D) | 695 | — | 205 | (D) | (D) |
| Diseases in crops and orchards -----farms, 1992 -- | — | 1 | 16 | 178 | 1 | 21 | — | 25 |
| 1987 -- | — | — | — | 181 | 6 | 37 | 11 | 23 |
| acres on which used, 1992 -- | — | (D) | 230 | 5 083 | (D) | 315 | — | 253 |
| 1987 -- | — | — | — | 9 911 | 24 | 357 | 15 | 183 |
| Weeds, grass, or brush in crops and pasture -----farms, 1992 -- | 46 | 36 | 124 | 477 | 43 | 38 | 38 | 266 |
| 1987 -- | 95 | 46 | 122 | 636 | 47 | 104 | 74 | 267 |
| acres on which used, 1992 -- | 5 478 | 2 578 | 8 769 | 28 702 | 1 510 | 1 831 | 1 090 | 8 797 |
| 1987 -- | 3 918 | 5 166 | 5 756 | 39 057 | 3 787 | 3 813 | 2 572 | 7 331 |
| Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 -- | — | 12 | — | 101 | 7 | 7 | — | 1 |
| 1987 -- | 3 | 1 | — | 69 | 7 | 20 | 5 | 13 |
| acres on which used, 1992 -- | — | 60 | — | 3 309 | 56 | 7 | — | (D) |
| 1987 -- | 89 | (D) | — | 1 625 | 70 | 98 | 272 | 40 |