

**Table 14. Petroleum Products Expenses: 1987, 1982, and 1978**

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

| Item  | 1987   |                    | 1982    | 1978    |
|---|--------|--------------------|---------|---------|
|   | Farms  | Expenses (\$1,000) |         |         |
| Petroleum products                                  | 66 922 | (X)                | 76 564  | 81 876  |
| Average per farm                                    | (X)    | 171 786            | 275 154 | 160 578 |
|   | (X)    | 2 567              | 3 594   | 1 961   |
| Gasoline and gasohol                                | 58 112 | (X)                | 70 811  | 77 498  |
| Average per farm                                    | (X)    | 58 778             | 99 356  | 69 166  |
|   | (X)    | 1 011              | 1 403   | 892     |
| Farms with expenses of—                             |        |                    |         |         |
| \$1 to \$499  | 26 490 | 5 825              | 28 202  | 37 481  |
| \$500 to \$999                                      | 12 683 | 8 467              | 12 629  | 17 028  |
| \$1,000 to \$1,999                                  | 10 511 | 13 879             | 13 107  | 13 921  |
| \$2,000 to \$4,999                                  | 7 076  | 19 943             | 13 225  | 8 088   |
| \$5,000 to \$9,999                                  | 1 091  | 6 921              | 3 044   | 804     |
| \$10,000 to \$24,999                                | 246    | 3 109              | 604     | 176     |
| \$25,000 or more                                    | 15     | 633                |         |         |
| Diesel fuel   | 42 004 | (X)                | 43 840  | 40 407  |
| Average per farm                                    | (X)    | 77 791             | 108 389 | 48 137  |
|   | (X)    | 1 852              | 2 472   | 1 191   |
| Farms with expenses of—                             |        |                    |         |         |
| \$1 to \$499  | 15 386 | 3 429              | 12 501  | 17 687  |
| \$500 to \$999                                      | 7 025  | 4 815              | 7 634   | 8 271   |
| \$1,000 to \$1,999                                  | 7 081  | 7 523              | 7 603   | 6 938   |
| \$2,000 to \$4,999                                  | 8 473  | 25 556             | 9 528   | 6 008   |
| \$5,000 to \$9,999                                  | 3 165  | 20 603             | 4 492   | 1 243   |
| \$10,000 to \$24,999                                | 815    | 10 790             |         |         |
| \$25,000 or more                                    | 59     | 3 074              | 2 082   | 260     |
| Natural gas   | 2 859  | (X)                | 2 143   | 2 110   |
| Average per farm                                    | (X)    | 5 548              | 6 169   | 2 859   |
|   | (X)    | 1 940              | 2 879   | 1 355   |
| Farms with expenses of—                             |        |                    |         |         |
| \$1 to \$99   | 187    | 8                  | 207     | 193     |
| \$100 to \$499                                      | 699    | 194                | 378     | 656     |
| \$500 to \$999                                      | 583    | 378                | 423     | 484     |
| \$1,000 to \$1,999                                  | 641    | 814                | 457     | 424     |
| \$2,000 to \$4,999                                  | 524    | 1 481              | 450     | 281     |
| \$5,000 to \$9,999                                  | 164    | 1 061              | 228     | 72      |
| \$10,000 or more                                    | 61     | 1 610              |         |         |
| LP gas, fuel oil, kerosene, motor oil, grease, etc. | 49 778 | (X)                | (NA)    | (NA)    |
| Average per farm                                    | (X)    | 29 670             | 61 240  | 40 416  |
|   | (X)    | 596                | (NA)    | (NA)    |
| Farms with expenses of—                             |        |                    |         |         |
| \$1 to \$99   | 16 703 | 834                | (NA)    | (NA)    |
| \$100 to \$499                                      | 18 892 | 4 234              | (NA)    | (NA)    |
| \$500 to \$999                                      | 6 415  | 4 247              | (NA)    | (NA)    |
| \$1,000 to \$1,999                                  | 4 225  | 5 505              | (NA)    | (NA)    |
| \$2,000 to \$4,999                                  | 2 830  | 8 019              | (NA)    | (NA)    |
| \$5,000 to \$9,999                                  | 548    | 3 420              | (NA)    | (NA)    |
| \$10,000 or more                                    | 165    | 3 411              | (NA)    | (NA)    |

**Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978**

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

| Chemicals used                          | 1987      | 1982      | 1978      | Chemicals used   | 1987      | 1982      | 1978      |
|---|-----------|-----------|-----------|--|-----------|-----------|-----------|
| Any chemicals, fertilizer, or lime used | 59 727    | 63 469    | 72 460    | Any chemicals, fertilizer, or lime used—Con.                                       |           |           |           |
| Commercial fertilizer <sup>1</sup>      | 55 026    | 58 386    | 67 630    | Sprays, dusts, granules, fumigants, etc., to control—                              |           |           |           |
| acres on which used                     | 8 797 078 | 9 538 238 | 9 997 971 | Insects on hay and other crops   |           |           |           |
| \$1,000                                 | 354 501   | 453 678   | 352 541   | acres on which used  | 22 202    | 20 236    | 22 579    |
| Lime                                    | 14 424    | 11 758    | 14 333    | Nematodes in crops   | 2 554 975 | 2 807 547 | 2 926 938 |
| acres on which used                     | 809 321   | 504 893   | 663 152   | acres on which used  | 1 863     | 2 138     | 3 737     |
| tons                                    | 1 779 039 | 1 095 193 | 1 547 225 | Diseases in crops and orchards   | (D)       | 247 550   | 452 158   |
| Farms by tons used:                     |           |           |           | acres on which used  | 2 009     | 2 042     | 2 249     |
| 1 to 49 tons                            | 5 449     | 5 870     | 6 083     | Weeds, grass, or brush in crops and pasture  | 107 218   | 151 307   | 176 423   |
| 50 to 99 tons                           | 3 273     | 2 590     | 3 282     | acres on which used  | 41 804    | 44 440    | 49 012    |
| 100 to 199 tons                         | 3 127     | 1 950     | 2 890     | Chemicals used for defoliation or for growth control of crops or thinning of fruit | 7 754 562 | 8 781 984 | 8 138 624 |
| 200 to 499 tons                         | 2 049     | 1 085     | 1 690     | acres on which used  |           |           |           |
| 500 to 999 tons                         | 384       | 193       | 304       |  |           |           |           |
| 1,000 tons or more                      | 142       | 70        | 84        |  |           |           |           |
| Agricultural chemicals <sup>1</sup>     | 53 232    | 52 473    | 63 936    |  | 1 609     | 1 901     | 1 797     |
| \$1,000                                 | 183 674   | 173 999   | 115 557   | acres on which used  | 103 173   | 133 043   | 111 878   |

<sup>1</sup>Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.