

**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 ----- farms...                                  | 74 954 | (X)                | 89 685  | 88 102 |
| Average per farm ----- \$1,000...                                  | (X)    | 72 838             | 107 387 | 86 188 |
| ----- dollars...   | (X)    | 972                | 1 197   | 769    |
| Gasoline and gasohol ----- farms...                                | 55 656 | (X)                | 75 944  | 75 648 |
| Average per farm ----- \$1,000...                                  | (X)    | 30 438             | 46 827  | 32 018 |
| ----- dollars...   | (X)    | 547                | 617     | 423    |
| Farms with expenses of--   |        |                    |         |        |
| \$1 to \$499 -----   | 39 587 | 6 852              | 53 056  | 58 052 |
| \$500 to \$999 -----   | 8 371  | 5 436              | 11 325  | 10 589 |
| \$1,000 to \$1,999 -----   | 4 633  | 5 925              | 6 240   | 4 486  |
| \$2,000 to \$4,999 -----   | 2 412  | 6 687              | 4 107   | 2 089  |
| \$5,000 to \$9,999 -----   | 470    | 2 943              | 967     | 372    |
| \$10,000 to \$24,999 -----   | 165    | 2 159              | 249     | 78     |
| \$25,000 or more -----   | 18     | 638                |         |        |
| Diesel fuel ----- farms...   | 47 415 | (X)                | 49 074  | 40 674 |
| Average per farm ----- \$1,000...                                  | (X)    | 32 058             | 46 748  | 24 407 |
| ----- dollars...   | (X)    | 676                | 953     | 600    |
| Farms with expenses of--   |        |                    |         |        |
| \$1 to \$499 -----   | 35 517 | 5 923              | 33 253  | 30 913 |
| \$500 to \$999 -----   | 5 540  | 3 589              | 6 754   | 4 410  |
| \$1,000 to \$1,999 -----   | 2 910  | 3 782              | 3 816   | 2 503  |
| \$2,000 to \$4,999 -----   | 2 195  | 6 434              | 3 248   | 2 029  |
| \$5,000 to \$9,999 -----   | 846    | 5 580              | 1 238   | 608    |
| \$10,000 to \$24,999 -----   | 356    | 4 948              | 765     | 211    |
| \$25,000 or more -----   | 51     | 1 801              |         |        |
| Natural gas ----- farms...   | 1 104  | (X)                | 920     | 551    |
| Average per farm ----- \$1,000...                                  | (X)    | 1 604              | 887     | 459    |
| ----- dollars...   | (X)    | 1 453              | 984     | 833    |
| Farms with expenses of--   |        |                    |         |        |
| \$1 to \$99 -----  | 251    | 15                 | 407     | 100    |
| \$100 to \$499 -----   | 428    | 120                | 304     | 315    |
| \$500 to \$999 -----   | 211    | 142                | 78      | 59     |
| \$1,000 to \$1,999 -----   | 105    | 132                | 80      | 34     |
| \$2,000 to \$4,999 -----   | 76     | 203                | 26      | 29     |
| \$5,000 to \$9,999 -----   | 17     | 118                | 25      | 14     |
| \$10,000 or more -----   | 16     | 874                |         |        |
| LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms... | 39 086 | (X)                | (NA)    | (NA)   |
| Average per farm ----- \$1,000...                                  | (X)    | 8 738              | 12 925  | 9 315  |
| ----- dollars...   | (X)    | 224                | (NA)    | (NA)   |
| Farms with expenses of--   |        |                    |         |        |
| \$1 to \$99 -----  | 23 234 | 981                | (NA)    | (NA)   |
| \$100 to \$499 -----   | 12 199 | 2 354              | (NA)    | (NA)   |
| \$500 to \$999 -----   | 2 022  | 1 291              | (NA)    | (NA)   |
| \$1,000 to \$1,999 -----   | 981    | 1 283              | (NA)    | (NA)   |
| \$2,000 to \$4,999 -----   | 515    | 1 502              | (NA)    | (NA)   |
| \$5,000 to \$9,999 -----   | 96     | 594                | (NA)    | (NA)   |
| \$10,000 or more -----   | 39     | 732                | (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 ----- farms... | 62 635    | 67 489    | 73 332    | Any chemicals, fertilizer, or lime used--Con.   |           |           |           |
| Commercial fertilizer <sup>1</sup> ----- farms...      | 57 948    | 63 803    | 69 609    | Sprays, dusts, granules, fumigants, etc., to control--  |           |           |           |
| acres on which used... \$1,000...                      | 3 487 602 | 3 794 244 | 3 959 107 | insects on hay and other crops ----- farms...   | 17 562    | 19 869    | 20 308    |
| Lime ----- farms...                                    | 13 089    | 13 835    | 16 600    | acres on which used...  | 711 974   | 672 999   | 781 964   |
| acres on which used... tons...                         | 446 081   | 389 865   | 610 371   | Nematodes in crops ----- farms...   | 1 129     | 1 823     | 2 877     |
| Farms by tons used:                                    |           |           |           | acres on which used...  | 66 394    | 102 689   | 149 388   |
| 1 to 49 tons -----                                     | 8 622     | 10 099    | 10 408    | Diseases in crops and orchards ----- farms...   | 3 819     | 5 207     | 2 625     |
| 50 to 99 tons -----                                    | 2 176     | 1 881     | 3 084     | acres on which used...  | 88 759    | 128 208   | 100 491   |
| 100 to 199 tons -----                                  | 1 354     | 1 100     | 1 743     | Weeds, grass, or brush in crops and pasture ----- farms...  | 21 658    | 23 599    | 25 395    |
| 200 to 499 tons -----                                  | 751       | 586       | 1 049     | acres on which used...  | 2 150 274 | 2 601 508 | 2 435 976 |
| 500 to 999 tons -----                                  | 131       | 127       | 239       | Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms... | 3 541     | 3 359     | 2 942     |
| 1,000 tons or more -----                               | 55        | 42        | 77        | acres on which used...  | 306 832   | 154 179   | 112 353   |
| Agricultural chemicals <sup>1</sup> ----- farms...     | 40 964    | 36 913    | 47 089    |   |           |           |           |
| \$1,000...   | 57 923    | 57 848    | 40 824    |   |           |           |           |

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