

**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...                                  | 13 824 | (X)                | 16 061 | 15 425 |
| Average per farm ----- \$1,000...                                  | (X)    | 30 365             | 45 329 | 28 140 |
| Average per farm ----- dollars...                                  | (X)    | 2 197              | 2 822  | 1 824  |
| Gasoline and gasohol ----- farms...                                | 11 864 | (X)                | 14 790 | 14 778 |
| Average per farm ----- \$1,000...                                  | (X)    | 12 300             | 18 858 | 13 501 |
| Average per farm ----- dollars...                                  | (X)    | 1 037              | 1 275  | 914    |
| Farms with expenses of--   |        |                    |        |        |
| \$1 to \$499 -----   | 6 156  | 1 239              | 6 835  | 7 941  |
| \$500 to \$999 -----   | 2 332  | 1 560              | 2 911  | 2 649  |
| \$1,000 to \$1,999 -----   | 1 718  | 2 285              | 2 250  | 2 420  |
| \$2,000 to \$4,999 -----   | 1 291  | 3 677              | 2 036  | 1 422  |
| \$5,000 to \$9,999 -----   | 284    | 1 832              | 575    | 285    |
| \$10,000 to \$24,999 -----   | 68     | 915                | 183    | 61     |
| \$25,000 or more -----   | 15     | 791                |        |        |
| Diesel fuel ----- farms...   | 8 165  | (X)                | 8 238  | 6 931  |
| Average per farm ----- \$1,000...                                  | (X)    | 12 267             | 16 316 | 7 696  |
| Average per farm ----- dollars...                                  | (X)    | 1 502              | 1 981  | 1 110  |
| Farms with expenses of--   |        |                    |        |        |
| \$1 to \$499 -----   | 3 740  | 728                | 3 527  | 3 354  |
| \$500 to \$999 -----   | 1 568  | 1 035              | 1 239  | 1 379  |
| \$1,000 to \$1,999 -----   | 1 205  | 1 588              | 1 188  | 1 220  |
| \$2,000 to \$4,999 -----   | 1 045  | 3 111              | 1 470  | 749    |
| \$5,000 to \$9,999 -----   | 442    | 2 875              | 515    | 164    |
| \$10,000 to \$24,999 -----   | 145    | 1 998              | 299    | 65     |
| \$25,000 or more -----   | 20     | 932                |        |        |
| Natural gas ----- farms...   | 426    | (X)                | 205    | 180    |
| Average per farm ----- \$1,000...                                  | (X)    | 654                | 615    | 272    |
| Average per farm ----- dollars...                                  | (X)    | 1 536              | 3 001  | 1 511  |
| Farms with expenses of--   |        |                    |        |        |
| \$1 to \$99 -----  | 76     | 4                  | 40     | 53     |
| \$100 to \$499 -----   | 178    | 48                 | 103    | 53     |
| \$500 to \$999 -----   | 43     | 31                 | 19     | 43     |
| \$1,000 to \$1,999 -----   | 74     | 99                 | 9      | 12     |
| \$2,000 to \$4,999 -----   | 31     | 93                 | 15     | 5      |
| \$5,000 to \$9,999 -----   | 13     | 91                 | 19     |        |
| \$10,000 or more -----   | 11     | 289                |        | 14     |
| LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms... | 9 481  | (X)                | (NA)   | (NA)   |
| Average per farm ----- \$1,000...                                  | (X)    | 5 144              | 9 539  | 6 671  |
| Average per farm ----- dollars...                                  | (X)    | 543                | (NA)   | (NA)   |
| Farms with expenses of--   |        |                    |        |        |
| \$1 to \$99 -----  | 3 701  | 177                | (NA)   | (NA)   |
| \$100 to \$499 -----   | 3 880  | 811                | (NA)   | (NA)   |
| \$500 to \$999 -----   | 877    | 558                | (NA)   | (NA)   |
| \$1,000 to \$1,999 -----   | 549    | 732                | (NA)   | (NA)   |
| \$2,000 to \$4,999 -----   | 346    | 1 026              | (NA)   | (NA)   |
| \$5,000 to \$9,999 -----   | 71     | 453                | (NA)   | (NA)   |
| \$10,000 or more -----   | 57     | 1 388              | (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... | 11 534    | 12 750    | 13 491    | Any chemicals, fertilizer, or lime used--Con.   |         |         |         |
| Commercial fertilizer <sup>1</sup> ----- farms...      | 10 292    | 11 855    | 12 557    | Sprays, dusts, granules, fumigants, etc., to control--  |         |         |         |
| acres on which used... \$1,000...                      | 1 135 625 | 1 308 360 | 1 356 294 | Insects on hay and other crops ----- farms...   | 5 122   | 5 876   | 5 577   |
| Lime ----- farms...                                    | 3 784     | 5 331     | 5 973     | acres on which used...  | 418 327 | 552 061 | 467 022 |
| acres on which used... tons...                         | 195 677   | 287 331   | 338 367   | Nematodes in crops ----- farms...   | 662     | 871     | 934     |
| acres on which used... tons...                         | 225 992   | 328 561   | 370 155   | acres on which used...  | 45 255  | 76 171  | 65 907  |
| Farms by tons used:                                    |           |           |           | Diseases in crops and orchards ----- farms...   | 1 261   | 1 480   | 1 050   |
| 1 to 49 tons -----                                     | 2 507     | 3 549     | 3 806     | acres on which used...  | 39 094  | 65 044  | 54 938  |
| 50 to 99 tons -----                                    | 645       | 929       | 1 085     | Weeds, grass, or brush in crops and pasture ----- farms...  | 6 627   | 7 129   | 7 933   |
| 100 to 199 tons -----                                  | 383       | 502       | 688       | acres on which used...  | 840 439 | 941 057 | 901 648 |
| 200 to 499 tons -----                                  | 212       | 291       | 308       | Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms... | 546     | 904     | 775     |
| 500 to 999 tons -----                                  | 31        | 39        | 75        | acres on which used...  | 34 521  | 65 137  | 31 877  |
| 1,000 tons or more -----                               | 6         | 21        | 11        |   |         |         |         |
| Agricultural chemicals <sup>1</sup> ----- farms...     | 9 362     | 9 847     | 11 741    |   |         |         |         |
| \$1,000...   | 26 447    | 27 401    | 18 983    |   |         |         |         |

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