

**Table 14. Machinery and Equipment on Place: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

| All Farms   | 1978    |                 |  | 1974   |                 |  |
|---|---------|-----------------|--|--------|-----------------|--|
|   | Farms   | Value (\$1,000) |  | Farms  | Value (\$1,000) |  |
| Estimated market value of all machinery and equipment | 102 909 | (X)             |  | 95 481 | (X)             |  |
| Average per farm                                      | (X)     | 4 620 656       |  | (X)    | 2 772 939       |  |
|   |         | 44 900          |  |        | 29 042          |  |
| By value group:                                       |         |                 |  |        |                 |  |
| \$1 to \$999  | 677     | 325             |  | 256    | 155             |  |
| \$1,000 to \$4,999                                    | 6 804   | 21 134          |  | 9 269  | 28 831          |  |
| \$5,000 to \$9,999                                    | 17 792  | 120 624         |  | 13 657 | 95 211          |  |
| \$10,000 to \$19,999                                  | 16 922  | 222 013         |  | 19 358 | 269 840         |  |
| \$20,000 to \$29,999                                  | 12 334  | 280 914         |  | 17 751 | 427 087         |  |
| \$30,000 to \$49,999                                  | 14 871  | 545 484         |  | 20 192 | 755 137         |  |
| \$50,000 to \$69,999                                  | 10 940  | 608 913         |  | 7 877  | 438 786         |  |
| \$70,000 or more                                      | 22 569  | 2 821 249       |  | 7 121  | 757 891         |  |
| \$70,000 to \$99,999                                  | 8 620   | 689 355         |  | (NA)   | (NA)            |  |
| \$100,000 to \$199,999                                | 10 968  | 1 365 578       |  | (NA)   | (NA)            |  |
| \$200,000 to \$499,999                                | 2 884   | 705 514         |  | (NA)   | (NA)            |  |
| \$500,000 or more                                     | 97      | 60 802          |  | (NA)   | (NA)            |  |

  

|   | 1978   |         |                           |        |                            |         | 1974   |         |                                  |
|---|--------|---------|---------------------------|--------|----------------------------|---------|--------|---------|----------------------------------|
|   | Total  |         | Manufactured 1974 to 1978 |        | Manufactured prior to 1974 |         | Farms  | Number  | Number manufactured 1970 to 1974 |
|   | Farms  | Number  | Farms                     | Number | Farms                      | Number  |        |         |                                  |
| Selected machinery and equipment:                   |        |         |                           |        |                            |         |        |         |                                  |
| Automobiles   | 86 691 | 125 244 | 47 684                    | 55 911 | 53 009                     | 69 333  | 87 214 | 121 822 | 59 208                           |
| 2 or 3  | 27 518 | 60 259  | 6 607                     | 14 046 | 12 423                     | 26 743  | 26 911 | 57 687  | 15 480                           |
| 4 or more   | 1 601  | 7 413   | 237                       | 1 025  | 524                        | 2 528   | 1 090  | 4 922   | 645                              |
| Motortrucks, including pickups                      | 88 883 | 147 459 | 41 919                    | 50 786 | 64 833                     | 96 673  | 82 117 | 130 111 | 43 273                           |
| 2 or 3  | 28 968 | 65 618  | 5 603                     | 12 263 | 18 840                     | 41 968  | 25 453 | 57 961  | 10 623                           |
| 4 or more   | 5 400  | 27 326  | 532                       | 2 739  | 2 250                      | 10 962  | 3 775  | 19 261  | 2 079                            |
| Wheel tractors                                      | 94 495 | 282 533 | 26 096                    | 37 168 | 90 578                     | 245 365 | 88 989 | 255 791 | 38 548                           |
| 2 or 3  | 48 512 | 122 834 | 7 012                     | 15 540 | 50 254                     | 124 864 | (NA)   | (NA)    | (NA)                             |
| 4 or more   | 30 458 | 144 174 | 694                       | 3 238  | 22 151                     | 102 328 | (NA)   | (NA)    | (NA)                             |
| Grain and bean combines, self-propelled only        | 41 416 | 45 225  | 11 168                    | 11 765 | 30 952                     | 33 460  | 32 622 | 35 033  | 10 636                           |
| Cornpickers, corn heads, and picker-shellers        | 49 089 | 59 537  | 11 308                    | 12 160 | 39 500                     | 47 377  | 45 852 | 52 938  | 12 680                           |
| Corn heads for combines                             | 25 922 | 27 390  | 9 256                     | 9 569  | 16 871                     | 17 821  | 18 179 | 18 780  | 8 200                            |
| Other cornpickers and picker-shellers               | 30 292 | 32 147  | 2 519                     | 2 591  | 27 919                     | 29 556  | 32 774 | 34 158  | 4 480                            |
| Cottonpickers                                       | -      | -       | -                         | -      | -                          | -       | (NA)   | (NA)    | (NA)                             |
| Mower conditioners                                  | 31 114 | 32 101  | 9 952                     | 10 106 | 21 365                     | 21 995  | 22 375 | 22 979  | 5 933                            |
| Pickup balers                                       | 48 875 | 50 534  | 9 218                     | 9 387  | 40 338                     | 41 147  | 45 964 | 46 689  | 7 362                            |
| Field forage harvesters, shear bar or flywheel type | 22 016 | 23 437  | 5 987                     | 6 118  | 16 283                     | 17 319  | 20 013 | 20 825  | 4 473                            |

**Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1978 and 1974**

[1978 data are based on a sample of farms; see text]

|  | All farms, 1978 | Farms with sales of \$2,500 or more |            |
|--|-----------------|-------------------------------------|------------|
|  |                 | 1978                                | 1974       |
| Agricultural chemicals, including commercial fertilizer and lime | 83 203          | 76 781                              | 70 702     |
| Commercial fertilizer  | 441 883         | 439 092                             | 327 850    |
| acres on which used  | 76 639          | 71 549                              | 66 310     |
| \$1,000  | 13 344 587      | 13 239 209                          | 10 154 920 |
| \$1,000  | 318 172         | 316 143                             | 254 999    |
| Lime   | 5 350           | 4 791                               | 2 450      |
| acres on which used  | 234 784         | 227 768                             | 110 346    |
| tons   | 613 230         | 594 133                             | 282 786    |
| Farms by tons used:  |                 |                                     |            |
| 1 to 49 tons   | 2 208           | 1 786                               | 930        |
| 50 to 99 tons  | 1 387           | 1 301                               | 643        |
| 100 to 199 tons  | 1 004           | 954                                 | 510        |
| 200 to 499 tons  | 572             | 572                                 | 290        |
| 500 to 999 tons  | 121             | 120                                 | 62         |
| 1,000 tons or more   | 58              | 58                                  | 15         |
| Sprays, dusts, granules, fumigants, etc. to control:             |                 |                                     |            |
| Insects on hay and other crops                                   | 23 029          | 21 825                              | (NA)       |
| acres on which used  | 3 507 346       | 3 487 961                           | 2 458 060  |
| Nematodes in crops   | 3 104           | 2 970                               | 321        |
| acres on which used  | 383 001         | 381 525                             | 40 011     |
| Diseases in crops and orchards                                   | 2 354           | 2 125                               | 690        |
| acres on which used  | 382 674         | 380 368                             | 103 775    |
| Weeds, grass, or brush in crops and pasture                      | 58 588          | 55 339                              | (NA)       |
| acres on which used  | 11 545 309      | 11 474 044                          | 8 173 928  |
| Chemicals for:   |                 |                                     |            |
| Defoliation or for growth control of crops or thinning of fruit  | 1 782           | 1 587                               | 521        |
| acres on which used  | 218 495         | 214 435                             | 56 974     |
| Insect control on livestock and poultry                          | 27 286          | 25 993                              | 7 892      |
| Sanitation and rodent and bird control                           | 18 669          | 17 571                              | (NA)       |