

**Table 38. Machinery and Equipment on Operation: 2002 and 1997**

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

| Item  | United States | Alabama   | Alaska | Arizona | Arkansas  | California |         |
|---|---------------|-----------|--------|---------|-----------|------------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |           |        |         |           |            |         |
| Estimated market value of all machinery and equipment |               |           |        |         |           |            |         |
| farms, 2002   | 2,052,348     | 43,135    | 583    | 6,946   | 46,056    | 77,209     |         |
| 1997  | 2,215,020     | 49,844    | 547    | 8,505   | 49,483    | 87,931     |         |
| \$1,000, 2002   | 136,624,880   | 1,842,080 | 41,853 | 615,767 | 3,007,394 | 6,325,990  |         |
| 1997  | 119,302,923   | 1,715,628 | 28,993 | 502,281 | 2,749,848 | 5,463,053  |         |
| Average per farm                                      | dollars, 2002 | 66,570    | 42,705 | 71,790  | 88,651    | 65,299     | 81,933  |
| 1997  | 53,861        | 34,420    | 53,003 | 59,057  | 55,572    | 62,129     |         |
| Farms by value group:                                 |               |           |        |         |           |            |         |
| \$1 to \$9,999  | 2002          | 627,099   | 13,275 | 113     | 2,713     | 12,145     | 27,902  |
| 1997  | 552,819       | 12,007    | 108    | 2,139   | 12,251    | 28,103     |         |
| \$10,000 to \$19,999                                  | 2002          | 347,224   | 8,538  | 80      | 1,402     | 8,676      | 12,207  |
| 1997  | 448,620       | 13,086    | 77     | 2,065   | 10,089    | 17,434     |         |
| \$20,000 to \$29,999                                  | 2002          | 231,428   | 6,200  | 76      | 589       | 5,862      | 7,904   |
| 1997  | 310,741       | 8,485     | 74     | 1,033   | 7,712     | 11,634     |         |
| \$30,000 to \$49,999                                  | 2002          | 234,070   | 5,557  | 94      | 552       | 6,312      | 7,304   |
| 1997  | 300,886       | 7,661     | 105    | 1,365   | 7,283     | 9,932      |         |
| \$50,000 to \$69,999                                  | 2002          | 147,047   | 3,328  | 61      | 383       | 3,804      | 4,483   |
| 1997  | 166,211       | 3,653     | 58     | 506     | 3,816     | 5,824      |         |
| \$70,000 to \$99,999                                  | 2002          | 112,297   | 1,957  | 49      | 203       | 2,465      | 3,573   |
| 1997  | 116,461       | 1,730     | 41     | 346     | 2,135     | 3,339      |         |
| \$100,000 to \$199,999                                | 2002          | 180,503   | 2,574  | 60      | 347       | 3,412      | 6,333   |
| 1997  | 181,892       | 2,193     | 58     | 506     | 3,075     | 5,899      |         |
| \$200,000 to \$499,999                                | 2002          | 132,284   | 1,420  | 45      | 464       | 2,349      | 5,023   |
| 1997  | 114,871       | 841       | 24     | 364     | 2,255     | 4,007      |         |
| \$500,000 or more                                     | 2002          | 40,396    | 286    | 5       | 293       | 1,031      | 2,480   |
| 1997  | 22,519        | 188       | 2      | 181     | 867       | 1,759      |         |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |           |        |         |           |            |         |
| Tractors  | farms, 2002   | 1,901,787 | 39,560 | 466     | 6,563     | 43,385     | 72,873  |
| 1997  | 1,962,733     | 45,440    | 438    | 5,208   | 44,153    | 66,833     |         |
| number, 2002  | 4,592,545     | 74,357    | 1,091  | 15,585  | 86,705    | 184,981    |         |
| 1997  | 4,370,245     | 75,722    | 1,039  | 11,369  | 83,781    | 148,955    |         |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 983,294   | 17,063 | 314     | 4,052     | 20,006     | 45,744  |
| 1997  | 1,023,978     | 21,009    | 304    | 2,885   | 20,368    | 41,849     |         |
| number, 2002  | 1,415,807     | 21,735    | 453    | 5,392   | 24,724    | 70,975     |         |
| 1997  | 1,456,013     | 25,623    | 495    | 3,936   | 25,171    | 63,985     |         |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 1,252,337 | 28,469 | 271     | 3,278     | 28,504     | 38,015  |
| 1997  | 1,288,727     | 30,726    | 295    | 2,813   | 28,004    | 34,448     |         |
| number, 2002  | 2,066,720     | 42,734    | 457    | 6,383   | 41,963    | 82,879     |         |
| 1997  | 1,998,872     | 41,611    | 431    | 5,244   | 39,736    | 64,659     |         |
| 100 horsepower (PTO) or more                          | farms, 2002   | 564,066   | 5,581  | 114     | 1,506     | 8,516      | 12,345  |
| 1997  | 548,069       | 5,704     | 80     | 1,120   | 8,836     | 9,525      |         |
| number, 2002  | 1,110,018     | 9,888     | 181    | 3,810   | 20,018    | 31,127     |         |
| 1997  | 915,360       | 8,488     | 113    | 2,189   | 18,874    | 20,311     |         |
| Grain and bean combines (see text)                    | farms, 2002   | 353,539   | 1,675  | 32      | 187       | 4,400      | 1,690   |
| 1997  | 414,357       | 2,637     | 43     | 152     | 5,654     | 1,995      |         |
| number, 2002  | 409,442       | 1,913     | 37     | 243     | 5,444     | 2,540      |         |
| 1997  | 482,039       | 3,130     | 57     | 166     | 7,330     | 3,026      |         |
| Cotton pickers and strippers                          | farms, 2002   | 15,736    | 727    | -       | 263       | 901        | 927     |
| 1997  | 28,420        | 1,072     | -      | 583     | 1,741     | 1,663      |         |
| number, 2002  | 23,336        | 1,095     | -      | 464     | 1,471     | 1,964      |         |
| 1997  | 41,851        | 1,664     | -      | 1,156   | 2,601     | 4,187      |         |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 60,613    | 454    | 13      | 230       | 72         | 1,231   |
| 1997  | (NA)          | (NA)      | (NA)   | (NA)    | (NA)      | (NA)       | (NA)    |
| number, 2002  | 67,610        | 517       | 17     | 315     | 86        | 1,594      |         |
| 1997  | (NA)          | (NA)      | (NA)   | (NA)    | (NA)      | (NA)       |         |
| Hay balers  | farms, 2002   | 632,655   | 12,433 | 242     | 838       | 14,745     | 3,856   |
| 1997  | 628,604       | 11,008    | 205    | 651     | 13,519    | 3,642      |         |
| number, 2002  | 766,457       | 15,231    | 304    | 1,200   | 17,344    | 4,836      |         |
| 1997  | 773,141       | 13,698    | 270    | 987     | 16,523    | 4,985      |         |
| <b>2002 INVENTORY</b>                                 |               |           |        |         |           |            |         |
| Manufactured 1998 to 2002:                            |               |           |        |         |           |            |         |
| Tractors  | farms         | 297,605   | 7,629  | 44      | 1,148     | 9,142      | 14,837  |
|   | number        | 435,218   | 10,264 | 53      | 2,522     | 13,276     | 27,969  |
| Less than 40 horsepower (PTO)                         | farms         | 99,961    | 2,010  | 27      | 493       | 2,376      | 6,394   |
|   | number        | 121,715   | 2,317  | 27      | 628       | 2,786      | 9,085   |
| 40 to 99 horsepower (PTO)                             | farms         | 152,256   | 5,601  | 15      | 485       | 5,932      | 7,771   |
|   | number        | 190,945   | 6,890  | 18      | 959       | 7,145      | 13,092  |
| 100 horsepower (PTO) or more                          | farms         | 80,870    | 719    | 5       | 430       | 1,762      | 3,171   |
|   | number        | 122,558   | 1,057  | 8       | 935       | 3,345      | 5,792   |
| Grain and bean combines                               | farms         | 37,756    | 131    | -       | 28        | 877        | 269     |
|   | number        | 41,314    | 143    | -       | 54        | 1,066      | 323     |
| Cotton pickers and strippers                          | farms         | 3,368     | 124    | -       | 77        | 206        | 144     |
|   | number        | 4,473     | 190    | -       | 108       | 300        | 249     |
| Forage harvesters, self-propelled (see text)          | farms         | 7,183     | 121    | -       | 83        | 44         | 291     |
|   | number        | 7,870     | 128    | -       | 109       | 44         | 370     |
| Hay balers  | farms         | 74,594    | 2,150  | 26      | 173       | 3,033      | 365     |
|   | number        | 79,475    | 2,244  | 27      | 255       | 3,188      | 480     |
| Manufactured prior to 1998:                           |               |           |        |         |           |            |         |
| Tractors  | farms         | 1,776,069 | 35,576 | 452     | 6,050     | 39,135     | 66,109  |
|   | number        | 4,157,327 | 64,093 | 1,038   | 13,063    | 73,429     | 157,012 |
| Less than 40 horsepower (PTO)                         | farms         | 906,630   | 15,444 | 298     | 3,636     | 18,000     | 41,091  |
|   | number        | 1,294,092 | 19,418 | 426     | 4,764     | 21,938     | 61,890  |
| 40 to 99 horsepower (PTO)                             | farms         | 1,156,791 | 24,811 | 262     | 3,002     | 24,718     | 34,008  |
|   | number        | 1,875,775 | 35,844 | 439     | 5,424     | 34,818     | 69,787  |
| 100 horsepower (PTO) or more                          | farms         | 531,939   | 5,202  | 113     | 1,271     | 7,786      | 10,705  |
|   | number        | 987,460   | 8,831  | 173     | 2,875     | 16,673     | 25,335  |
| Grain and bean combines                               | farms         | 320,290   | 1,565  | 32      | 161       | 3,656      | 1,480   |
|   | number        | 368,128   | 1,770  | 37      | 189       | 4,378      | 2,217   |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Colorado      | Connecticut | Delaware | Florida   | Georgia   | Hawaii  |        |
|---|---------------|-------------|----------|-----------|-----------|---------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |             |          |           |           |         |        |
| Estimated market value of all machinery and equipment |               |             |          |           |           |         |        |
| farms, 2002   | 29,427        | 4,193       | 2,390    | 43,211    | 46,609    | 5,234   |        |
| 1997  | 30,171        | 4,904       | 2,670    | 45,796    | 49,307    | 5,471   |        |
| \$1,000, 2002   | 2,585,783     | 214,739     | 271,874  | 1,723,447 | 2,416,555 | 186,163 |        |
| 1997  | 2,079,906     | 182,266     | 195,342  | 1,613,796 | 2,073,886 | 211,775 |        |
| Average per farm                                      | dollars, 2002 | 87,871      | 51,214   | 113,755   | 39,884    | 51,847  | 35,568 |
| 1997  | 68,937        | 37,167      | 73,162   | 35,239    | 42,061    | 38,709  |        |
| Farms by value group:                                 |               |             |          |           |           |         |        |
| \$1 to \$9,999  | 2002          | 8,442       | 1,577    | 458       | 21,619    | 16,180  | 3,105  |
| 1997  | 6,680         | 1,539       | 431      | 18,646    | 15,386    | 2,523   |        |
| \$10,000 to \$19,999                                  | 2002          | 4,499       | 671      | 426       | 7,455     | 8,761   | 834    |
| 1997  | 5,124         | 925         | 609      | 9,811     | 11,143    | 1,217   |        |
| \$20,000 to \$29,999                                  | 2002          | 2,828       | 458      | 303       | 4,137     | 5,847   | 378    |
| 1997  | 4,005         | 704         | 309      | 5,811     | 7,150     | 680     |        |
| \$30,000 to \$49,999                                  | 2002          | 3,408       | 356      | 275       | 3,052     | 5,448   | 361    |
| 1997  | 4,625         | 662         | 424      | 4,918     | 6,003     | 514     |        |
| \$50,000 to \$69,999                                  | 2002          | 2,121       | 318      | 202       | 2,086     | 2,926   | 136    |
| 1997  | 2,572         | 440         | 232      | 2,554     | 3,063     | 191     |        |
| \$70,000 to \$99,999                                  | 2002          | 1,701       | 216      | 121       | 1,242     | 2,040   | 137    |
| 1997  | 1,603         | 254         | 158      | 1,204     | 1,697     | 124     |        |
| \$100,000 to \$199,999                                | 2002          | 2,955       | 382      | 237       | 1,999     | 2,824   | 149    |
| 1997  | 2,960         | 254         | 283      | 1,857     | 2,649     | 133     |        |
| \$200,000 to \$499,999                                | 2002          | 2,503       | 153      | 226       | 1,107     | 1,888   | 89     |
| 1997  | 2,056         | 107         | 153      | 696       | 1,803     | 65      |        |
| \$500,000 or more                                     | 2002          | 670         | 62       | 142       | 514       | 695     | 45     |
| 1997  | 546           | 19          | 71       | 299       | 413       | 24      |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |             |          |           |           |         |        |
| Tractors  | farms, 2002   | 25,764      | 3,402    | 2,254     | 41,356    | 43,295  | 2,896  |
| 1997  | 25,051        | 4,298       | 2,457    | 37,087    | 43,982    | 2,837   |        |
| number, 2002  | 60,736        | 9,687       | 6,108    | 70,471    | 81,932    | 5,220   |        |
| 1997  | 55,179        | 10,754      | 6,581    | 62,703    | 76,574    | 4,793   |        |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 13,453      | 2,734    | 1,332     | 25,295    | 20,742  | 2,149  |
| 1997  | 12,215        | 3,279       | 1,682    | 21,510    | 21,772    | 2,047   |        |
| number, 2002  | 19,429        | 5,243       | 1,907    | 34,093    | 26,700    | 3,111   |        |
| 1997  | 17,200        | 5,800       | 2,454    | 27,133    | 26,835    | 2,767   |        |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 14,792      | 1,809    | 1,550     | 20,018    | 28,237  | 962    |
| 1997  | 14,938        | 2,358       | 1,533    | 19,729    | 27,066    | 935     |        |
| number, 2002  | 23,471        | 3,725       | 2,538    | 29,602    | 41,525    | 1,715   |        |
| 1997  | 22,172        | 4,339       | 3,066    | 30,110    | 38,569    | 1,450   |        |
| 100 horsepower (PTO) or more                          | farms, 2002   | 8,954       | 434      | 733       | 3,807     | 7,125   | 230    |
| 1997  | 8,928         | 386         | 589      | 3,522     | 7,006     | 288     |        |
| number, 2002  | 17,836        | 719         | 1,663    | 6,776     | 13,707    | 394     |        |
| 1997  | 15,807        | 615         | 1,061    | 5,460     | 11,170    | 576     |        |
| Grain and bean combines (see text)                    | farms, 2002   | 3,803       | 49       | 695       | 442       | 2,637   | 6      |
| 1997  | 4,347         | 30          | 714      | 685       | 3,691     | 17      |        |
| number, 2002  | 4,931         | 50          | 832      | 499       | 2,941     | 8       |        |
| 1997  | 5,563         | 33          | 951      | 810       | 4,435     | 25      |        |
| Cotton pickers and strippers                          | farms, 2002   | -           | -        | -         | 161       | 1,625   | -      |
| 1997  | -             | -           | -        | 249       | 3,715     | -       |        |
| number, 2002  | -             | -           | -        | 198       | 2,124     | -       |        |
| 1997  | -             | -           | -        | 326       | 4,758     | -       |        |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 2,586       | 156      | 44        | 305       | 445     | 4      |
| 1997  | (NA)          | (NA)        | (NA)     | (NA)      | (NA)      | (NA)    |        |
| number, 2002  | 2,896         | 177         | 44       | 349       | 472       | 4       |        |
| 1997  | (NA)          | (NA)        | (NA)     | (NA)      | (NA)      | (NA)    |        |
| Hay balers  | farms, 2002   | 9,725       | 1,247    | 443       | 2,827     | 9,805   | 14     |
| 1997  | 8,109         | 1,649       | 396      | 2,163     | 8,136     | 15      |        |
| number, 2002  | 11,771        | 1,410       | 582      | 3,377     | 11,792    | 16      |        |
| 1997  | 9,945         | 1,884       | 477      | 2,719     | 9,758     | 19      |        |
| <b>2002 INVENTORY</b>                                 |               |             |          |           |           |         |        |
| Manufactured 1998 to 2002:                            |               |             |          |           |           |         |        |
| Tractors  | farms         | 3,702       | 510      | 403       | 8,161     | 8,611   | 835    |
| number  | 5,316         | 803         | 628      | 12,144    | 11,926    | 1,229   |        |
| Less than 40 horsepower (PTO)                         | farms         | 1,317       | 215      | 218       | 4,438     | 2,573   | 649    |
| number  | 1,491         | 358         | 271      | 5,673     | 2,952     | 858     |        |
| 40 to 99 horsepower (PTO)                             | farms         | 1,409       | 298      | 143       | 3,656     | 5,505   | 198    |
| number  | 1,809         | 399         | 162      | 4,742     | 6,716     | 279     |        |
| 100 horsepower (PTO) or more                          | farms         | 1,343       | 43       | 110       | 886       | 1,305   | 54     |
| number  | 2,016         | 46          | 195      | 1,729     | 2,258     | 92      |        |
| Grain and bean combines                               | farms         | 437         | 2        | 81        | 41        | 163     | 1      |
| number  | 488           | (D)         | 89       | 43        | 179       | (D)     |        |
| Cotton pickers and strippers                          | farms         | -           | -        | -         | 12        | 415     | -      |
| number  | -             | -           | -        | 21        | 494       | -       |        |
| Forage harvesters, self-propelled (see text)          | farms         | 314         | 10       | 4         | 31        | 64      | 1      |
| number  | 323           | 10          | (D)      | 39        | 66        | (D)     |        |
| Hay balers  | farms         | 1,232       | 138      | 34        | 491       | 1,780   | 9      |
| number  | 1,402         | 141         | 35       | 539       | 1,930     | 9       |        |
| Manufactured prior to 1998:                           |               |             |          |           |           |         |        |
| Tractors  | farms         | 24,108      | 3,245    | 2,069     | 35,953    | 38,831  | 2,359  |
| number  | 55,420        | 8,884       | 5,480    | 58,327    | 70,006    | 3,991   |        |
| Less than 40 horsepower (PTO)                         | farms         | 12,379      | 2,587    | 1,144     | 21,645    | 18,618  | 1,693  |
| number  | 17,938        | 4,885       | 1,636    | 28,420    | 23,748    | 2,253   |        |
| 40 to 99 horsepower (PTO)                             | farms         | 13,869      | 1,676    | 1,479     | 17,342    | 24,532  | 817    |
| number  | 21,662        | 3,326       | 2,376    | 24,860    | 34,809    | 1,436   |        |
| 100 horsepower (PTO) or more                          | farms         | 8,470       | 422      | 698       | 3,178     | 6,533   | 185    |
| number  | 15,820        | 673         | 1,468    | 5,047     | 11,449    | 302     |        |
| Grain and bean combines                               | farms         | 3,442       | 47       | 628       | 422       | 2,486   | 6      |
| number  | 4,443         | (D)         | 743      | 456       | 2,762     | (D)     |        |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Idaho     | Illinois  | Indiana   | Iowa      | Kansas    | Kentucky  |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |           |           |           |           |           |           |
| Estimated market value of all machinery and equipment |           |           |           |           |           |           |
| farms, 2002   | 22,580    | 72,243    | 57,787    | 88,859    | 62,905    | 84,319    |
| 1997  | 25,586    | 79,100    | 66,696    | 96,655    | 65,424    | 91,178    |
| \$1,000, 2002   | 2,071,614 | 7,386,281 | 4,636,855 | 8,923,379 | 5,983,765 | 3,495,669 |
| 1997  | 1,847,075 | 6,854,940 | 3,909,303 | 7,694,453 | 4,742,477 | 2,972,739 |
| Average per farm                                      |           |           |           |           |           |           |
| dollars, 2002   | 91,746    | 102,242   | 80,240    | 100,422   | 95,124    | 41,458    |
| 1997  | 72,191    | 86,662    | 58,614    | 79,607    | 72,488    | 32,604    |
| Farms by value group:                                 |           |           |           |           |           |           |
| \$1 to \$9,999  |           |           |           |           |           |           |
| 2002  | 7,632     | 14,974    | 16,163    | 20,917    | 17,964    | 24,852    |
| 1997  | 6,683     | 13,043    | 16,704    | 15,733    | 13,501    | 25,290    |
| \$10,000 to \$19,999                                  |           |           |           |           |           |           |
| 2002  | 3,324     | 9,032     | 8,585     | 9,377     | 8,120     | 18,148    |
| 1997  | 4,418     | 12,271    | 12,981    | 14,528    | 10,964    | 22,247    |
| \$20,000 to \$29,999                                  |           |           |           |           |           |           |
| 2002  | 2,041     | 6,347     | 6,447     | 7,835     | 5,649     | 11,853    |
| 1997  | 3,196     | 9,000     | 8,565     | 10,230    | 8,405     | 14,476    |
| \$30,000 to \$49,999                                  |           |           |           |           |           |           |
| 2002  | 2,250     | 8,190     | 6,811     | 9,920     | 6,630     | 11,408    |
| 1997  | 3,212     | 9,983     | 9,028     | 12,044    | 8,342     | 13,492    |
| \$50,000 to \$69,999                                  |           |           |           |           |           |           |
| 2002  | 1,640     | 6,011     | 3,721     | 7,190     | 4,532     | 6,317     |
| 1997  | 2,002     | 6,261     | 4,880     | 9,003     | 5,121     | 5,875     |
| \$70,000 to \$99,999                                  |           |           |           |           |           |           |
| 2002  | 1,100     | 5,489     | 3,327     | 6,898     | 3,883     | 4,059     |
| 1997  | 1,481     | 5,623     | 3,248     | 8,315     | 4,535     | 3,767     |
| \$100,000 to \$199,999                                |           |           |           |           |           |           |
| 2002  | 2,036     | 10,415    | 6,202     | 12,846    | 7,527     | 4,624     |
| 1997  | 2,291     | 11,859    | 6,090     | 15,703    | 8,005     | 4,300     |
| \$200,000 to \$499,999                                |           |           |           |           |           |           |
| 2002  | 1,720     | 9,436     | 4,939     | 11,024    | 6,474     | 2,503     |
| 1997  | 1,734     | 9,636     | 4,422     | 9,977     | 5,711     | 1,480     |
| \$500,000 or more                                     |           |           |           |           |           |           |
| 2002  | 837       | 2,349     | 1,592     | 2,852     | 2,126     | 555       |
| 1997  | 569       | 1,424     | 778       | 1,122     | 840       | 251       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |           |           |           |           |           |           |
| Tractors  |           |           |           |           |           |           |
| farms, 2002   | 20,085    | 68,024    | 53,425    | 83,313    | 57,651    | 79,213    |
| 1997  | 20,935    | 73,120    | 61,275    | 90,063    | 58,425    | 83,962    |
| number, 2002  | 48,712    | 218,511   | 143,965   | 266,070   | 140,913   | 166,148   |
| 1997  | 47,100    | 210,296   | 146,543   | 267,556   | 138,121   | 163,228   |
| Less than 40 horsepower (PTO)                         |           |           |           |           |           |           |
| farms, 2002   | 10,216    | 33,142    | 26,923    | 37,582    | 21,168    | 46,560    |
| 1997  | 10,500    | 35,967    | 29,967    | 40,591    | 22,510    | 50,076    |
| number, 2002  | 14,177    | 51,184    | 38,537    | 58,562    | 28,424    | 64,256    |
| 1997  | 14,391    | 53,246    | 42,536    | 63,530    | 30,364    | 67,391    |
| 40 to 99 horsepower (PTO)                             |           |           |           |           |           |           |
| farms, 2002   | 12,079    | 47,647    | 36,869    | 60,593    | 36,669    | 57,371    |
| 1997  | 12,790    | 52,460    | 42,155    | 66,970    | 37,893    | 58,630    |
| number, 2002  | 19,725    | 81,509    | 59,088    | 106,497   | 55,199    | 87,110    |
| 1997  | 19,485    | 86,080    | 65,018    | 113,867   | 58,175    | 81,984    |
| 100 horsepower (PTO) or more                          |           |           |           |           |           |           |
| farms, 2002   | 6,409     | 38,923    | 22,171    | 49,844    | 29,886    | 9,722     |
| 1997  | 7,291     | 38,987    | 23,082    | 51,763    | 29,524    | 10,053    |
| number, 2002  | 14,810    | 85,818    | 46,340    | 101,011   | 57,290    | 14,782    |
| 1997  | 13,224    | 70,970    | 38,989    | 90,159    | 49,582    | 13,853    |
| Grain and bean combines (see text)                    |           |           |           |           |           |           |
| farms, 2002   | 3,574     | 35,131    | 20,545    | 41,026    | 23,777    | 4,778     |
| 1997  | 4,615     | 38,237    | 23,154    | 44,377    | 26,964    | 6,573     |
| number, 2002  | 4,692     | 39,782    | 22,958    | 44,901    | 28,843    | 5,557     |
| 1997  | 6,128     | 43,021    | 25,779    | 48,235    | 33,234    | 7,464     |
| Cotton pickers and strippers                          |           |           |           |           |           |           |
| farms, 2002   | -         | -         | -         | -         | 48        | -         |
| 1997  | -         | -         | -         | -         | 20        | -         |
| number, 2002  | -         | -         | -         | -         | 55        | -         |
| 1997  | -         | -         | -         | -         | 28        | -         |
| Forage harvesters, self-propelled (see text)          |           |           |           |           |           |           |
| farms, 2002   | 2,745     | 1,514     | 1,303     | 2,773     | 2,626     | 1,211     |
| 1997  | (NA)      | (NA)      | (NA)      | (NA)      | (NA)      | (NA)      |
| number, 2002  | 3,054     | 1,617     | 1,398     | 2,912     | 2,821     | 1,327     |
| 1997  | (NA)      | (NA)      | (NA)      | (NA)      | (NA)      | (NA)      |
| Hay balers  |           |           |           |           |           |           |
| farms, 2002   | 9,082     | 17,230    | 17,960    | 27,147    | 22,381    | 31,394    |
| 1997  | 8,336     | 18,496    | 18,503    | 29,761    | 21,298    | 30,080    |
| number, 2002  | 10,355    | 20,844    | 21,409    | 31,293    | 27,900    | 38,626    |
| 1997  | 9,582     | 22,421    | 22,309    | 35,669    | 26,907    | 37,627    |
| <b>2002 INVENTORY</b>                                 |           |           |           |           |           |           |
| Manufactured 1998 to 2002:                            |           |           |           |           |           |           |
| Tractors  |           |           |           |           |           |           |
| farms   | 2,633     | 11,727    | 7,154     | 10,464    | 6,317     | 13,299    |
| number  | 4,874     | 18,246    | 10,981    | 15,881    | 8,860     | 18,596    |
| Less than 40 horsepower (PTO)                         |           |           |           |           |           |           |
| farms   | 859       | 4,274     | 2,645     | 2,510     | 1,359     | 3,956     |
| number  | 1,004     | 4,888     | 2,851     | 2,877     | 1,500     | 5,421     |
| 40 to 99 horsepower (PTO)                             |           |           |           |           |           |           |
| farms   | 975       | 3,741     | 2,704     | 2,558     | 1,594     | 9,752     |
| number  | 1,615     | 4,478     | 3,338     | 3,118     | 1,782     | 11,647    |
| 100 horsepower (PTO) or more                          |           |           |           |           |           |           |
| farms   | 1,181     | 6,115     | 3,030     | 6,777     | 4,017     | 1,155     |
| number  | 2,255     | 8,880     | 4,792     | 9,886     | 5,578     | 1,528     |
| Grain and bean combines                               |           |           |           |           |           |           |
| farms   | 347       | 5,478     | 2,845     | 5,548     | 1,880     | 498       |
| number  | 482       | 5,813     | 3,063     | 5,789     | 2,089     | 558       |
| Cotton pickers and strippers                          |           |           |           |           |           |           |
| farms   | -         | -         | -         | -         | 12        | -         |
| number  | -         | -         | -         | -         | 18        | -         |
| Forage harvesters, self-propelled (see text)          |           |           |           |           |           |           |
| farms   | 295       | 116       | 87        | 282       | 251       | 219       |
| number  | 367       | 118       | 87        | 292       | 280       | 228       |
| Hay balers  |           |           |           |           |           |           |
| farms   | 1,059     | 1,358     | 1,369     | 1,842     | 2,626     | 3,787     |
| number  | 1,193     | 1,436     | 1,482     | 1,886     | 2,797     | 3,961     |
| Manufactured prior to 1998:                           |           |           |           |           |           |           |
| Tractors  |           |           |           |           |           |           |
| farms   | 19,131    | 64,173    | 51,035    | 80,693    | 55,961    | 73,065    |
| number  | 43,838    | 200,265   | 132,984   | 250,189   | 132,053   | 147,552   |
| Less than 40 horsepower (PTO)                         |           |           |           |           |           |           |
| farms   | 9,603     | 29,840    | 24,934    | 35,526    | 20,074    | 43,541    |
| number  | 13,173    | 46,296    | 35,686    | 55,685    | 26,924    | 58,835    |
| 40 to 99 horsepower (PTO)                             |           |           |           |           |           |           |
| farms   | 11,535    | 45,115    | 35,068    | 59,045    | 35,687    | 51,125    |
| number  | 18,110    | 77,031    | 55,750    | 103,379   | 53,417    | 75,463    |
| 100 horsepower (PTO) or more                          |           |           |           |           |           |           |
| farms   | 5,963     | 36,852    | 21,127    | 47,796    | 28,446    | 8,984     |
| number  | 12,555    | 76,938    | 41,548    | 91,125    | 51,712    | 13,254    |
| Grain and bean combines                               |           |           |           |           |           |           |
| farms   | 3,300     | 30,113    | 17,910    | 35,853    | 22,234    | 4,337     |
| number  | 4,210     | 33,969    | 19,895    | 39,112    | 26,754    | 4,999     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Louisiana     | Maine   | Maryland | Massachusetts | Michigan  | Minnesota |        |
|---|---------------|---------|----------|---------------|-----------|-----------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |         |          |               |           |           |        |
| Estimated market value of all machinery and equipment |               |         |          |               |           |           |        |
| farms, 2002   | 26,327        | 7,000   | 11,683   | 5,980         | 50,891    | 77,179    |        |
| 1997  | 30,418        | 7,392   | 13,246   | 7,304         | 53,513    | 78,730    |        |
| \$1,000, 2002   | 1,694,916     | 380,209 | 870,708  | 300,455       | 3,761,334 | 6,665,874 |        |
| 1997  | 1,654,927     | 327,353 | 759,208  | 267,940       | 3,318,370 | 6,440,856 |        |
| Average per farm                                      | dollars, 2002 | 54,379  | 54,316   | 74,528        | 50,243    | 73,910    | 86,369 |
| 1997  | 54,406        | 44,285  | 57,316   | 36,684        | 62,011    | 81,809    |        |
| Farms by value group:                                 |               |         |          |               |           |           |        |
| \$1 to \$9,999  | 2002          | 7,091   | 2,289    | 2,978         | 1,992     | 14,606    | 22,606 |
| 1997  | 7,370         | 1,935   | 2,483    | 2,094         | 11,036    | 13,806    |        |
| \$10,000 to \$19,999                                  | 2002          | 5,515   | 1,161    | 1,904         | 1,006     | 7,922     | 9,400  |
| 1997  | 7,308         | 1,609   | 2,695    | 1,737         | 10,578    | 11,932    |        |
| \$20,000 to \$29,999                                  | 2002          | 3,193   | 959      | 1,446         | 729       | 6,070     | 6,483  |
| 1997  | 4,291         | 987     | 2,095    | 875           | 7,650     | 9,228     |        |
| \$30,000 to \$49,999                                  | 2002          | 3,132   | 786      | 1,427         | 581       | 6,005     | 7,884  |
| 1997  | 3,907         | 1,029   | 2,055    | 1,076         | 7,299     | 10,400    |        |
| \$50,000 to \$69,999                                  | 2002          | 2,114   | 545      | 870           | 479       | 3,783     | 5,936  |
| 1997  | 2,352         | 579     | 1,111    | 458           | 4,366     | 7,158     |        |
| \$70,000 to \$99,999                                  | 2002          | 1,384   | 277      | 680           | 278       | 2,876     | 5,178  |
| 1997  | 1,290         | 393     | 708      | 384           | 3,744     | 5,629     |        |
| \$100,000 to \$199,999                                | 2002          | 2,032   | 535      | 1,222         | 517       | 4,515     | 9,694  |
| 1997  | 1,938         | 566     | 1,185    | 515           | 4,849     | 10,905    |        |
| \$200,000 to \$499,999                                | 2002          | 1,298   | 367      | 876           | 351       | 3,831     | 7,837  |
| 1997  | 1,488         | 253     | 765      | 141           | 3,314     | 8,367     |        |
| \$500,000 or more                                     | 2002          | 568     | 81       | 280           | 47        | 1,283     | 2,161  |
| 1997  | 474           | 41      | 149      | 24            | 677       | 1,305     |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |         |          |               |           |           |        |
| Tractors  | farms, 2002   | 24,298  | 5,816    | 10,925        | 4,797     | 47,627    | 68,387 |
| 1997  | 27,666        | 6,398   | 12,318   | 6,056         | 49,229    | 73,535    |        |
| number, 2002  | 53,808        | 14,006  | 31,260   | 11,831        | 137,474   | 223,138   |        |
| 1997  | 53,639        | 14,187  | 31,619   | 12,684        | 129,183   | 219,894   |        |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 11,072  | 4,109    | 7,197         | 3,606     | 27,941    | 37,816 |
| 1997  | 12,332        | 4,200   | 8,018    | 4,475         | 29,044    | 41,583    |        |
| number, 2002  | 13,690        | 5,937   | 11,768   | 6,393         | 45,749    | 63,366    |        |
| 1997  | 15,231        | 6,485   | 13,359   | 7,125         | 44,853    | 69,281    |        |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 16,263  | 3,284    | 7,399         | 2,645     | 32,722    | 50,796 |
| 1997  | 17,684        | 3,796   | 8,050    | 3,090         | 34,927    | 54,360    |        |
| number, 2002  | 23,768        | 6,111   | 14,019   | 4,567         | 61,456    | 91,631    |        |
| 1997  | 25,354        | 6,328   | 14,395   | 4,833         | 59,041    | 92,329    |        |
| 100 horsepower (PTO) or more                          | farms, 2002   | 6,915   | 837      | 2,813         | 572       | 15,011    | 33,310 |
| 1997  | 6,867         | 721     | 2,431    | 493           | 15,208    | 33,968    |        |
| number, 2002  | 16,350        | 1,958   | 5,473    | 871           | 30,269    | 68,141    |        |
| 1997  | 13,054        | 1,374   | 3,865    | 726           | 25,289    | 58,284    |        |
| Grain and bean combines (see text)                    | farms, 2002   | 2,622   | 256      | 2,180         | 30        | 12,487    | 28,386 |
| 1997  | 3,151         | 243     | 2,443    | 57            | 15,845    | 32,526    |        |
| number, 2002  | 3,217         | 268     | 2,456    | 30            | 14,308    | 32,771    |        |
| 1997  | 3,961         | 268     | 2,778    | 62            | 18,518    | 37,816    |        |
| Cotton pickers and strippers                          | farms, 2002   | 730     | -        | -             | -         | -         | -      |
| 1997  | 1,496         | -       | -        | -             | -         | -         | -      |
| number, 2002  | 1,172         | -       | -        | -             | -         | -         | -      |
| 1997  | 2,252         | -       | -        | -             | -         | -         | -      |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 378     | 99       | 391           | 54        | 1,933     | 3,139  |
| 1997  | (NA)          | (NA)    | (NA)     | (NA)          | (NA)      | (NA)      | (NA)   |
| number, 2002  | 392           | 115     | 432      | 62            | 2,240     | 3,772     |        |
| 1997  | (NA)          | (NA)    | (NA)     | (NA)          | (NA)      | (NA)      |        |
| Hay balers  | farms, 2002   | 6,443   | 2,349    | 4,118         | 1,526     | 18,508    | 29,631 |
| 1997  | 5,778         | 2,598   | 4,195    | 1,718         | 19,179    | 32,994    |        |
| number, 2002  | 7,817         | 2,862   | 5,261    | 1,838         | 23,012    | 36,465    |        |
| 1997  | 6,940         | 3,043   | 5,272    | 2,000         | 23,651    | 41,194    |        |
| <b>2002 INVENTORY</b>                                 |               |         |          |               |           |           |        |
| Manufactured 1998 to 2002:                            |               |         |          |               |           |           |        |
| Tractors  | farms         | 5,279   | 1,160    | 2,162         | 1,044     | 6,979     | 7,881  |
| number  | 7,760         | 1,432   | 3,180    | 1,452         | 11,093    | 12,793    |        |
| Less than 40 horsepower (PTO)                         | farms         | 1,513   | 618      | 884           | 592       | 3,121     | 1,829  |
| number  | 1,635         | 642     | 1,134    | 705           | 4,125     | 2,539     |        |
| 40 to 99 horsepower (PTO)                             | farms         | 2,991   | 486      | 1,098         | 510       | 3,065     | 2,538  |
| number  | 3,521         | 587     | 1,370    | 598           | 4,018     | 3,372     |        |
| 100 horsepower (PTO) or more                          | farms         | 1,399   | 133      | 485           | 128       | 1,768     | 4,739  |
| number  | 2,604         | 203     | 676      | 149           | 2,950     | 6,882     |        |
| Grain and bean combines                               | farms         | 401     | 7        | 210           | 1         | 859       | 2,935  |
| number  | 468           | 7       | 247      | (D)           | 905       | 3,159     |        |
| Cotton pickers and strippers                          | farms         | 79      | -        | -             | -         | -         | -      |
| number  | 97            | -       | -        | -             | -         | -         | -      |
| Forage harvesters, self-propelled (see text)          | farms         | 46      | 27       | 48            | 5         | 222       | 224    |
| number  | 46            | 39      | 50       | 5             | 232       | 238       |        |
| Hay balers  | farms         | 904     | 242      | 597           | 191       | 1,534     | 2,213  |
| number  | 919           | 256     | 644      | 200           | 1,620     | 2,327     |        |
| Manufactured prior to 1998:                           |               |         |          |               |           |           |        |
| Tractors  | farms         | 22,007  | 5,196    | 10,178        | 4,283     | 45,213    | 66,865 |
| number  | 46,048        | 12,574  | 28,080   | 10,379        | 126,381   | 210,345   |        |
| Less than 40 horsepower (PTO)                         | farms         | 9,838   | 3,642    | 6,607         | 3,173     | 25,737    | 36,609 |
| number  | 12,055        | 5,295   | 10,634   | 5,688         | 41,624    | 60,827    |        |
| 40 to 99 horsepower (PTO)                             | farms         | 14,141  | 3,041    | 6,811         | 2,337     | 31,191    | 49,601 |
| number  | 20,247        | 5,524   | 12,649   | 3,969         | 57,438    | 88,259    |        |
| 100 horsepower (PTO) or more                          | farms         | 6,396   | 796      | 2,618         | 463       | 14,483    | 31,712 |
| number  | 13,746        | 1,755   | 4,797    | 722           | 27,319    | 61,259    |        |
| Grain and bean combines                               | farms         | 2,314   | 249      | 2,000         | 29        | 11,753    | 25,737 |
| number  | 2,749         | 261     | 2,209    | (D)           | 13,403    | 29,612    |        |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Mississippi | Missouri  | Montana   | Nebraska  | Nevada  | New Hampshire |
|---|-------------|-----------|-----------|-----------|---------|---------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |             |           |           |           |         |               |
| Estimated market value of all machinery and equipment |             |           |           |           |         |               |
| farms, 2002   | 40,332      | 103,375   | 24,837    | 48,046    | 2,773   | 3,367         |
| 1997  | 42,129      | 110,964   | 27,586    | 54,519    | 3,197   | 3,926         |
| \$1,000, 2002   | 2,090,779   | 5,162,542 | 2,085,701 | 5,370,381 | 306,745 | 137,603       |
| 1997  | 1,947,525   | 4,336,960 | 2,028,280 | 4,529,411 | 210,199 | 135,607       |
| Average per farm                                      |             |           |           |           |         |               |
| dollars, 2002   | 51,839      | 49,940    | 83,976    | 111,776   | 110,619 | 40,868        |
| 1997  | 46,228      | 39,084    | 73,526    | 83,079    | 65,749  | 34,541        |
| <b>Farms by value group:</b>                          |             |           |           |           |         |               |
| \$1 to \$9,999  |             |           |           |           |         |               |
| 2002  | 14,433      | 35,934    | 6,476     | 10,236    | 712     | 1,109         |
| 1997  | 10,816      | 34,679    | 5,462     | 8,173     | 819     | 1,199         |
| \$10,000 to \$19,999                                  |             |           |           |           |         |               |
| 2002  | 8,295       | 18,788    | 3,184     | 5,172     | 401     | 607           |
| 1997  | 10,328      | 24,199    | 4,086     | 7,961     | 501     | 837           |
| \$20,000 to \$29,999                                  |             |           |           |           |         |               |
| 2002  | 5,017       | 12,038    | 2,269     | 3,545     | 312     | 496           |
| 1997  | 7,057       | 15,932    | 3,319     | 6,455     | 301     | 496           |
| \$30,000 to \$49,999                                  |             |           |           |           |         |               |
| 2002  | 4,434       | 11,931    | 2,525     | 5,248     | 342     | 387           |
| 1997  | 5,607       | 14,473    | 3,698     | 7,276     | 511     | 642           |
| \$50,000 to \$69,999                                  |             |           |           |           |         |               |
| 2002  | 2,500       | 6,801     | 2,152     | 4,207     | 138     | 234           |
| 1997  | 3,169       | 7,047     | 2,348     | 4,914     | 309     | 299           |
| \$70,000 to \$99,999                                  |             |           |           |           |         |               |
| 2002  | 1,503       | 4,916     | 1,745     | 3,649     | 150     | 157           |
| 1997  | 1,468       | 4,047     | 2,200     | 4,656     | 212     | 152           |
| \$100,000 to \$199,999                                |             |           |           |           |         |               |
| 2002  | 2,044       | 7,252     | 3,235     | 7,737     | 274     | 258           |
| 1997  | 1,788       | 6,265     | 3,577     | 8,578     | 272     | 202           |
| \$200,000 to \$499,999                                |             |           |           |           |         |               |
| 2002  | 1,411       | 4,490     | 2,707     | 6,425     | 322     | 104           |
| 1997  | 1,353       | 3,727     | 2,494     | 5,719     | 205     | 90            |
| \$500,000 or more                                     |             |           |           |           |         |               |
| 2002  | 695         | 1,225     | 544       | 1,827     | 122     | 15            |
| 1997  | 543         | 595       | 402       | 787       | 67      | 9             |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |             |           |           |           |         |               |
| Tractors  |             |           |           |           |         |               |
| farms, 2002   | 37,508      | 97,192    | 21,234    | 42,917    | 2,272   | 2,761         |
| 1997  | 38,621      | 99,659    | 23,115    | 48,931    | 2,549   | 3,335         |
| number, 2002  | 73,425      | 207,013   | 52,460    | 143,357   | 6,124   | 6,325         |
| 1997  | 71,398      | 197,131   | 55,574    | 138,826   | 6,118   | 6,745         |
| Less than 40 horsepower (PTO)                         |             |           |           |           |         |               |
| farms, 2002   | 16,748      | 42,536    | 10,101    | 17,921    | 1,309   | 2,071         |
| 1997  | 16,168      | 47,004    | 10,825    | 20,537    | 1,502   | 2,622         |
| number, 2002  | 20,949      | 55,738    | 13,897    | 31,041    | 1,965   | 3,191         |
| 1997  | 20,047      | 62,307    | 15,414    | 33,718    | 2,333   | 4,058         |
| 40 to 99 horsepower (PTO)                             |             |           |           |           |         |               |
| farms, 2002   | 24,308      | 69,098    | 13,569    | 30,155    | 1,292   | 1,496         |
| 1997  | 26,167      | 68,704    | 15,050    | 33,993    | 1,581   | 1,565         |
| number, 2002  | 35,510      | 107,729   | 20,460    | 54,726    | 2,385   | 2,712         |
| 1997  | 36,517      | 99,917    | 22,310    | 58,995    | 2,607   | 2,421         |
| 100 horsepower (PTO) or more                          |             |           |           |           |         |               |
| farms, 2002   | 8,268       | 25,284    | 9,915     | 27,721    | 781     | 261           |
| 1997  | 7,934       | 22,747    | 11,120    | 27,284    | 686     | 202           |
| number, 2002  | 16,966      | 43,546    | 18,103    | 57,590    | 1,774   | 422           |
| 1997  | 14,834      | 34,907    | 17,850    | 46,113    | 1,178   | 266           |
| Grain and bean combines (see text)                    |             |           |           |           |         |               |
| farms, 2002   | 2,948       | 18,303    | 6,143     | 21,335    | 89      | 11            |
| 1997  | 3,000       | 20,685    | 7,421     | 23,130    | 104     | 15            |
| number, 2002  | 3,684       | 20,976    | 7,569     | 24,094    | 116     | 13            |
| 1997  | 3,945       | 23,492    | 9,255     | 25,465    | 127     | 20            |
| Cotton pickers and strippers                          |             |           |           |           |         |               |
| farms, 2002   | 1,104       | 492       | -         | -         | -       | -             |
| 1997  | 1,562       | 785       | -         | -         | -       | -             |
| number, 2002  | 1,904       | 661       | -         | -         | -       | -             |
| 1997  | 2,680       | 1,022     | -         | -         | -       | -             |
| Forage harvesters, self-propelled (see text)          |             |           |           |           |         |               |
| farms, 2002   | 393         | 1,370     | 2,532     | 2,555     | 464     | 32            |
| 1997  | (NA)        | (NA)      | (NA)      | (NA)      | (NA)    | (NA)          |
| number, 2002  | 416         | 1,454     | 2,811     | 2,750     | 654     | 34            |
| 1997  | (NA)        | (NA)      | (NA)      | (NA)      | (NA)    | (NA)          |
| Hay balers  |             |           |           |           |         |               |
| farms, 2002   | 7,316       | 38,742    | 11,348    | 15,905    | 1,095   | 1,207         |
| 1997  | 8,736       | 35,833    | 10,812    | 15,001    | 1,212   | 1,242         |
| number, 2002  | 8,665       | 46,848    | 13,436    | 18,507    | 1,484   | 1,447         |
| 1997  | 10,541      | 44,597    | 13,642    | 17,667    | 1,760   | 1,420         |
| <b>2002 INVENTORY</b>                                 |             |           |           |           |         |               |
| <b>Manufactured 1998 to 2002:</b>                     |             |           |           |           |         |               |
| Tractors  |             |           |           |           |         |               |
| farms   | 6,502       | 11,630    | 2,225     | 5,541     | 423     | 630           |
| number  | 9,665       | 15,531    | 2,892     | 8,603     | 699     | 733           |
| Less than 40 horsepower (PTO)                         |             |           |           |           |         |               |
| farms   | 1,570       | 3,159     | 475       | 821       | 193     | 361           |
| number  | 1,786       | 3,403     | 517       | 1,185     | 202     | 370           |
| 40 to 99 horsepower (PTO)                             |             |           |           |           |         |               |
| farms   | 4,382       | 6,529     | 784       | 979       | 173     | 269           |
| number  | 5,467       | 7,740     | 860       | 1,323     | 243     | 310           |
| 100 horsepower (PTO) or more                          |             |           |           |           |         |               |
| farms   | 1,117       | 3,072     | 1,174     | 4,276     | 149     | 49            |
| number  | 2,412       | 4,388     | 1,515     | 6,095     | 254     | 53            |
| Grain and bean combines                               |             |           |           |           |         |               |
| farms   | 387         | 1,653     | 393       | 3,053     | 15      | -             |
| number  | 515         | 1,794     | 440       | 3,248     | (D)     | -             |
| Cotton pickers and strippers                          |             |           |           |           |         |               |
| farms   | 296         | 76        | -         | -         | -       | -             |
| number  | 534         | 95        | -         | -         | -       | -             |
| Forage harvesters, self-propelled (see text)          |             |           |           |           |         |               |
| farms   | 89          | 123       | 256       | 266       | 68      | 7             |
| number  | 92          | 128       | 269       | 288       | 110     | (D)           |
| Hay balers  |             |           |           |           |         |               |
| farms   | 1,338       | 4,847     | 1,484     | 2,144     | 204     | 128           |
| number  | 1,401       | 5,021     | 1,586     | 2,299     | 257     | 138           |
| <b>Manufactured prior to 1998:</b>                    |             |           |           |           |         |               |
| Tractors  |             |           |           |           |         |               |
| farms   | 34,169      | 92,575    | 20,536    | 41,930    | 2,103   | 2,502         |
| number  | 63,760      | 191,482   | 49,568    | 134,754   | 5,425   | 5,592         |
| Less than 40 horsepower (PTO)                         |             |           |           |           |         |               |
| farms   | 15,492      | 39,966    | 9,702     | 17,345    | 1,152   | 1,821         |
| number  | 19,163      | 52,335    | 13,380    | 29,856    | 1,763   | 2,821         |
| 40 to 99 horsepower (PTO)                             |             |           |           |           |         |               |
| farms   | 21,222      | 65,107    | 13,056    | 29,683    | 1,207   | 1,355         |
| number  | 30,043      | 99,989    | 19,600    | 53,403    | 2,142   | 2,402         |
| 100 horsepower (PTO) or more                          |             |           |           |           |         |               |
| farms   | 7,775       | 23,940    | 9,443     | 26,182    | 728     | 230           |
| number  | 14,554      | 39,158    | 16,588    | 51,495    | 1,520   | 369           |
| Grain and bean combines                               |             |           |           |           |         |               |
| farms   | 2,629       | 16,821    | 5,833     | 18,533    | 83      | 11            |
| number  | 3,169       | 19,182    | 7,129     | 20,846    | (D)     | 13            |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | New Jersey    | New Mexico | New York  | North Carolina | North Dakota | Ohio      |        |
|---|---------------|------------|-----------|----------------|--------------|-----------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |            |           |                |              |           |        |
| Estimated market value of all machinery and equipment |               |            |           |                |              |           |        |
| farms, 2002   | 9,539         | 13,725     | 34,991    | 52,070         | 29,729       | 75,445    |        |
| 1997  | 10,043        | 17,862     | 38,261    | 59,093         | 32,340       | 78,719    |        |
| \$1,000, 2002   | 514,666       | 799,643    | 3,367,939 | 3,327,385      | 3,695,269    | 5,139,223 |        |
| 1997  | 464,314       | 727,581    | 2,162,595 | 2,801,685      | 3,516,814    | 4,177,654 |        |
| Average per farm                                      | dollars, 2002 | 53,954     | 58,262    | 96,252         | 63,902       | 124,298   | 68,119 |
| 1997  | 46,233        | 40,733     | 56,522    | 47,411         | 108,745      | 53,070    |        |
| Farms by value group:                                 |               |            |           |                |              |           |        |
| \$1 to \$9,999  | 2002          | 3,132      | 4,979     | 8,296          | 16,005       | 7,061     | 19,537 |
| 1997  | 2,822         | 5,089      | 7,206     | 15,854         | 3,588        | 16,939    |        |
| \$10,000 to \$19,999                                  | 2002          | 2,091      | 2,269     | 5,585          | 9,591        | 2,529     | 12,875 |
| 1997  | 2,237         | 3,971      | 7,322     | 12,440         | 3,628        | 16,778    |        |
| \$20,000 to \$29,999                                  | 2002          | 985        | 1,491     | 4,234          | 6,457        | 2,031     | 8,771  |
| 1997  | 1,327         | 2,916      | 5,919     | 9,576          | 3,312        | 11,537    |        |
| \$30,000 to \$49,999                                  | 2002          | 1,029      | 1,675     | 4,139          | 6,294        | 2,695     | 9,287  |
| 1997  | 1,292         | 2,621      | 5,673     | 8,412          | 4,303        | 10,759    |        |
| \$50,000 to \$69,999                                  | 2002          | 669        | 783       | 2,806          | 3,532        | 2,374     | 6,082  |
| 1997  | 698           | 1,167      | 3,459     | 4,100          | 3,260        | 6,491     |        |
| \$70,000 to \$99,999                                  | 2002          | 397        | 663       | 2,222          | 2,881        | 2,337     | 4,813  |
| 1997  | 560           | 581        | 2,603     | 2,188          | 2,895        | 4,921     |        |
| \$100,000 to \$199,999                                | 2002          | 583        | 1,036     | 3,971          | 3,429        | 4,747     | 7,291  |
| 1997  | 647           | 858        | 3,851     | 3,529          | 5,635        | 6,651     |        |
| \$200,000 to \$499,999                                | 2002          | 535        | 598       | 2,503          | 2,764        | 4,402     | 5,548  |
| 1997  | 371           | 532        | 1,868     | 2,296          | 4,710        | 4,006     |        |
| \$500,000 or more                                     | 2002          | 118        | 231       | 1,235          | 1,117        | 1,553     | 1,241  |
| 1997  | 89            | 127        | 360       | 698            | 1,009        | 637       |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |            |           |                |              |           |        |
| Tractors  | farms, 2002   | 8,725      | 10,859    | 33,145         | 48,830       | 25,025    | 70,776 |
| 1997  | 9,114         | 12,605     | 35,319    | 53,424         | 29,700       | 73,538    |        |
| number, 2002  | 23,513        | 21,603     | 112,357   | 115,520        | 87,802       | 192,381   |        |
| 1997  | 21,964        | 21,417     | 97,099    | 115,303        | 96,663       | 178,747   |        |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 6,783      | 6,008     | 21,410         | 30,440       | 10,784    | 39,950 |
| 1997  | 6,758         | 6,592      | 22,675    | 32,855         | 13,060       | 42,601    |        |
| number, 2002  | 11,987        | 7,779      | 37,318    | 45,122         | 16,554       | 62,943    |        |
| 1997  | 12,119        | 8,239      | 38,429    | 49,978         | 21,335       | 62,798    |        |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 4,442      | 5,687     | 24,335         | 32,513       | 17,066    | 49,523 |
| 1997  | 4,780         | 6,079      | 24,836    | 34,608         | 20,939       | 51,370    |        |
| number, 2002  | 8,567         | 8,555      | 55,369    | 53,579         | 28,451       | 85,557    |        |
| 1997  | 7,795         | 8,854      | 46,166    | 52,741         | 35,450       | 82,384    |        |
| 100 horsepower (PTO) or more                          | farms, 2002   | 1,556      | 2,768     | 9,102          | 8,359        | 18,064    | 23,526 |
| 1997  | 1,358         | 2,834      | 7,292     | 7,748          | 20,578       | 21,816    |        |
| number, 2002  | 2,959         | 5,269      | 19,670    | 16,819         | 42,797       | 43,881    |        |
| 1997  | 2,050         | 4,324      | 12,504    | 13,184         | 39,878       | 33,565    |        |
| Grain and bean combines (see text)                    | farms, 2002   | 547        | 674       | 3,243          | 5,768        | 13,744    | 21,818 |
| 1997  | 698           | 656        | 4,553     | 7,529          | 17,455       | 24,393    |        |
| number, 2002  | 612           | 747        | 3,769     | 6,535          | 18,131       | 24,251    |        |
| 1997  | 819           | 855        | 5,275     | 8,390          | 23,189       | 27,179    |        |
| Cotton pickers and strippers                          | farms, 2002   | -          | 214       | -              | 1,246        | -         | -      |
| 1997  | -             | 347        | -         | 1,821          | -            | -         |        |
| number, 2002  | -             | 298        | -         | 1,712          | -            | -         |        |
| 1997  | -             | 424        | -         | 2,194          | -            | -         |        |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 103        | 761       | 1,979          | 658          | 1,493     | 1,422  |
| 1997  | (NA)          | (NA)       | (NA)      | (NA)           | (NA)         | (NA)      |        |
| number, 2002  | 107           | 917        | 2,198     | 724            | 1,678        | 1,586     |        |
| 1997  | (NA)          | (NA)       | (NA)      | (NA)           | (NA)         | (NA)      |        |
| Hay balers  | farms, 2002   | 2,028      | 2,995     | 18,441         | 15,494       | 12,043    | 29,500 |
| 1997  | 1,979         | 2,786      | 19,116    | 13,344         | 12,409       | 28,698    |        |
| number, 2002  | 2,449         | 3,597      | 23,075    | 18,383         | 14,186       | 36,194    |        |
| 1997  | 2,261         | 3,464      | 23,250    | 16,019         | 15,274       | 35,134    |        |
| <b>2002 INVENTORY</b>                                 |               |            |           |                |              |           |        |
| Manufactured 1998 to 2002:                            |               |            |           |                |              |           |        |
| Tractors  | farms         | 1,667      | 1,675     | 5,496          | 9,387        | 2,990     | 10,101 |
| number  | 2,692         | 2,349      | 8,471     | 14,576         | 4,641        | 14,734    |        |
| Less than 40 horsepower (PTO)                         | farms         | 1,022      | 694       | 2,073          | 3,479        | 423       | 4,165  |
| number  | 1,340         | 784        | 2,490     | 4,562          | 469          | 4,845     |        |
| 40 to 99 horsepower (PTO)                             | farms         | 727        | 603       | 3,043          | 5,660        | 527       | 4,600  |
| number  | 985           | 732        | 4,179     | 7,171          | 582          | 5,998     |        |
| 100 horsepower (PTO) or more                          | farms         | 241        | 538       | 1,178          | 1,773        | 2,347     | 2,697  |
| number  | 367           | 833        | 1,802     | 2,843          | 3,590        | 3,891     |        |
| Grain and bean combines                               | farms         | 50         | 46        | 111            | 503          | 1,291     | 1,858  |
| number  | 51            | 59         | 134       | 562            | 1,512        | 2,047     |        |
| Cotton pickers and strippers                          | farms         | -          | 23        | -              | 310          | -         | -      |
| number  | -             | 34         | -         | 357            | -            | -         |        |
| Forage harvesters, self-propelled (see text)          | farms         | 2          | 135       | 335            | 122          | 94        | 194    |
| number  | (D)           | 165        | 373       | 129            | 98           | 208       |        |
| Hay balers  | farms         | 194        | 449       | 2,115          | 1,818        | 1,710     | 2,313  |
| number  | 238           | 497        | 2,243     | 1,936          | 1,761        | 2,455     |        |
| Manufactured prior to 1998:                           |               |            |           |                |              |           |        |
| Tractors  | farms         | 7,947      | 9,954     | 31,744         | 44,760       | 24,605    | 66,836 |
| number  | 20,821        | 19,254     | 103,886   | 100,944        | 83,161       | 177,647   |        |
| Less than 40 horsepower (PTO)                         | farms         | 6,000      | 5,405     | 20,101         | 27,889       | 10,479    | 36,971 |
| number  | 10,647        | 6,995      | 34,828    | 40,560         | 16,085       | 58,098    |        |
| 40 to 99 horsepower (PTO)                             | farms         | 4,066      | 5,301     | 23,202         | 29,040       | 16,771    | 46,951 |
| number  | 7,582         | 7,823      | 51,190    | 46,408         | 27,869       | 79,559    |        |
| 100 horsepower (PTO) or more                          | farms         | 1,407      | 2,488     | 8,711          | 7,615        | 17,528    | 22,482 |
| number  | 2,592         | 4,436      | 17,868    | 13,976         | 39,207       | 39,990    |        |
| Grain and bean combines                               | farms         | 507        | 631       | 3,156          | 5,343        | 12,818    | 20,107 |
| number  | 561           | 688        | 3,635     | 5,973          | 16,619       | 22,204    |        |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Oklahoma      | Oregon    | Pennsylvania | Rhode Island | South Carolina |        |
|---|---------------|-----------|--------------|--------------|----------------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |           |              |              |                |        |
| Estimated market value of all machinery and equipment |               |           |              |              |                |        |
| ..... farms, 2002                                     | 79,490        | 37,461    | 54,830       | 828          | 22,764         |        |
| ..... farms, 1997                                     | 84,013        | 39,965    | 60,197       | 994          | 25,806         |        |
| ..... \$1,000, 2002                                   | 3,350,879     | 2,377,364 | 3,289,501    | 47,926       | 1,208,945      |        |
| ..... farms, 1997                                     | 3,015,448     | 2,052,531 | 2,868,791    | 34,283       | 1,055,358      |        |
| Average per farm                                      | dollars, 2002 | 42,155    | 63,462       | 59,995       | 57,882         | 53,108 |
| ..... farms, 1997                                     | 35,893        | 51,358    | 47,657       | 34,490       | 40,896         |        |
| Farms by value group:                                 |               |           |              |              |                |        |
| \$1 to \$9,999  | 2002          | 27,402    | 12,868       | 13,475       | 216            | 6,796  |
| ..... farms, 1997                                     | 25,733        | 11,750    | 11,880       | 302          | 6,655          |        |
| \$10,000 to \$19,999                                  | 2002          | 15,323    | 6,956        | 9,753        | 136            | 4,614  |
| ..... farms, 1997                                     | 18,797        | 8,498     | 12,042       | 227          | 6,136          |        |
| \$20,000 to \$29,999                                  | 2002          | 10,058    | 4,078        | 6,899        | 98             | 2,981  |
| ..... farms, 1997                                     | 12,276        | 5,725     | 8,773        | 153          | 4,370          |        |
| \$30,000 to \$49,999                                  | 2002          | 8,708     | 4,145        | 7,081        | 112            | 3,038  |
| ..... farms, 1997                                     | 10,959        | 5,492     | 10,161       | 146          | 3,762          |        |
| \$50,000 to \$69,999                                  | 2002          | 6,031     | 2,315        | 4,653        | 84             | 1,649  |
| ..... farms, 1997                                     | 5,864         | 2,485     | 5,516        | 67           | 1,611          |        |
| \$70,000 to \$99,999                                  | 2002          | 3,722     | 1,892        | 3,679        | 55             | 887    |
| ..... farms, 1997                                     | 3,451         | 1,441     | 4,183        | 31           | 1,144          |        |
| \$100,000 to \$199,999                                | 2002          | 4,900     | 2,515        | 5,518        | 77             | 1,586  |
| ..... farms, 1997                                     | 4,671         | 2,490     | 5,345        | 46           | 1,090          |        |
| \$200,000 to \$499,999                                | 2002          | 2,863     | 1,888        | 3,191        | 39             | 877    |
| ..... farms, 1997                                     | 2,035         | 1,489     | 2,029        | 15           | 831            |        |
| \$500,000 or more                                     | 2002          | 483       | 804          | 581          | 11             | 336    |
| ..... farms, 1997                                     | 227           | 595       | 268          | 7            | 207            |        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |           |              |              |                |        |
| Tractors  | farms, 2002   | 72,178    | 32,546       | 50,432       | 704            | 21,085 |
| ..... farms, 1997                                     | 71,012        | 32,657    | 54,878       | 846          | 23,540         |        |
| ..... number, 2002                                    | 126,092       | 67,746    | 144,605      | 1,818        | 44,595         |        |
| ..... farms, 1997                                     | 118,896       | 62,528    | 136,525      | 1,922        | 46,376         |        |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 30,592    | 21,862       | 31,316       | 529            | 11,545 |
| ..... farms, 1997                                     | 29,353        | 22,118    | 34,406       | 588          | 12,787         |        |
| ..... number, 2002                                    | 36,320        | 31,134    | 52,327       | 946          | 15,614         |        |
| ..... farms, 1997                                     | 34,829        | 30,609    | 55,021       | 957          | 17,651         |        |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 43,860    | 15,990       | 36,285       | 407            | 14,034 |
| ..... farms, 1997                                     | 42,799        | 15,958    | 39,881       | 516          | 15,554         |        |
| ..... number, 2002                                    | 59,155        | 27,108    | 71,013       | 745          | 22,587         |        |
| ..... farms, 1997                                     | 55,922        | 24,418    | 67,163       | 853          | 22,853         |        |
| 100 horsepower (PTO) or more                          | farms, 2002   | 19,362    | 4,745        | 12,848       | 82             | 3,415  |
| ..... farms, 1997                                     | 19,545        | 4,592     | 10,314       | 83           | 3,712          |        |
| ..... number, 2002                                    | 30,617        | 9,504     | 21,265       | 127          | 6,394          |        |
| ..... farms, 1997                                     | 28,145        | 7,501     | 14,341       | 112          | 5,872          |        |
| Grain and bean combines (see text)                    | farms, 2002   | 7,515     | 2,261        | 8,198        | 7              | 2,175  |
| ..... farms, 1997                                     | 9,849         | 3,100     | 11,803       | 14           | 3,142          |        |
| ..... number, 2002                                    | 9,120         | 3,138     | 8,803        | 8            | 2,531          |        |
| ..... farms, 1997                                     | 12,213        | 4,186     | 12,742       | 20           | 3,687          |        |
| Cotton pickers and strippers                          | farms, 2002   | 281       | -            | -            | -              | 320    |
| ..... farms, 1997                                     | 624           | -         | -            | -            | 838            |        |
| ..... number, 2002                                    | 411           | -         | -            | -            | 530            |        |
| ..... farms, 1997                                     | 920           | -         | -            | -            | 1,122          |        |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 1,430     | 1,428        | 2,345        | 9              | 532    |
| ..... farms, 1997                                     | (NA)          | (NA)      | (NA)         | (NA)         | (NA)           |        |
| ..... number, 2002                                    | 1,557         | 1,659     | 2,533        | 11           | 562            |        |
| ..... farms, 1997                                     | (NA)          | (NA)      | (NA)         | (NA)         | (NA)           |        |
| Hay balers  | farms, 2002   | 19,406    | 8,055        | 30,256       | 187            | 5,267  |
| ..... farms, 1997                                     | 18,642        | 8,151     | 32,391       | 221          | 5,209          |        |
| ..... number, 2002                                    | 23,503        | 9,124     | 36,412       | 216          | 6,275          |        |
| ..... farms, 1997                                     | 23,760        | 9,734     | 38,868       | 243          | 6,506          |        |
| <b>2002 INVENTORY</b>                                 |               |           |              |              |                |        |
| Manufactured 1998 to 2002:                            |               |           |              |              |                |        |
| Tractors  | farms         | 9,025     | 5,866        | 7,373        | 156            | 4,867  |
| ..... farms   | number        | 11,213    | 8,623        | 10,708       | 239            | 6,682  |
| Less than 40 horsepower (PTO)                         | farms         | 2,587     | 3,389        | 3,259        | 86             | 1,677  |
| ..... farms   | number        | 2,816     | 4,168        | 4,153        | 109            | 1,939  |
| 40 to 99 horsepower (PTO)                             | farms         | 5,473     | 2,417        | 3,807        | 79             | 3,235  |
| ..... farms   | number        | 6,120     | 3,405        | 4,765        | 115            | 3,953  |
| 100 horsepower (PTO) or more                          | farms         | 1,799     | 681          | 1,324        | 11             | 548    |
| ..... farms   | number        | 2,277     | 1,050        | 1,790        | 15             | 790    |
| Grain and bean combines                               | farms         | 315       | 180          | 257          | -              | 291    |
| ..... farms   | number        | 366       | 248          | 267          | -              | 317    |
| Cotton pickers and strippers                          | farms         | 54        | -            | -            | -              | 66     |
| ..... farms   | number        | 77        | -            | -            | -              | 77     |
| Forage harvesters, self-propelled (see text)          | farms         | 202       | 164          | 216          | 1              | 57     |
| ..... farms   | number        | 235       | 201          | 221          | (D)            | 57     |
| Hay balers  | farms         | 3,135     | 792          | 2,714        | 22             | 901    |
| ..... farms   | number        | 3,319     | 877          | 2,859        | 23             | 954    |
| Manufactured prior to 1998:                           |               |           |              |              |                |        |
| Tractors  | farms         | 67,196    | 29,498       | 48,095       | 647            | 18,759 |
| ..... farms   | number        | 114,879   | 59,123       | 133,897      | 1,579          | 37,913 |
| Less than 40 horsepower (PTO)                         | farms         | 28,305    | 19,351       | 29,134       | 475            | 10,223 |
| ..... farms   | number        | 33,504    | 26,966       | 48,174       | 837            | 13,675 |
| 40 to 99 horsepower (PTO)                             | farms         | 39,868    | 14,434       | 34,219       | 367            | 11,808 |
| ..... farms   | number        | 53,035    | 23,703       | 66,248       | 630            | 18,634 |
| 100 horsepower (PTO) or more                          | farms         | 18,482    | 4,468        | 12,344       | 73             | 3,104  |
| ..... farms   | number        | 28,340    | 8,454        | 19,475       | 112            | 5,604  |
| Grain and bean combines                               | farms         | 7,262     | 2,127        | 7,988        | 7              | 1,925  |
| ..... farms   | number        | 8,754     | 2,890        | 8,536        | 8              | 2,214  |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | South Dakota | Tennessee | Texas     | Utah    | Vermont |
|---|--------------|-----------|-----------|---------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |              |           |           |         |         |
| Estimated market value of all machinery and equipment |              |           |           |         |         |
| farms, 2002   | 31,106       | 84,947    | 227,303   | 13,993  | 6,349   |
| 1997  | 33,169       | 91,517    | 228,066   | 15,806  | 7,060   |
| \$1,000, 2002   | 3,340,044    | 3,844,998 | 9,217,812 | 875,958 | 419,630 |
| 1997  | 2,961,502    | 2,875,913 | 8,619,863 | 771,080 | 312,585 |
| Average per farm                                      | 107,376      | 45,263    | 40,553    | 62,600  | 66,094  |
| 1997  | 89,285       | 31,425    | 37,795    | 48,784  | 44,275  |
| Farms by value group:                                 |              |           |           |         |         |
| \$1 to \$9,999  | 5,932        | 24,949    | 84,184    | 4,461   | 1,612   |
| 1997  | 4,037        | 25,823    | 69,336    | 4,004   | 1,629   |
| \$10,000 to \$19,999                                  | 3,526        | 17,437    | 47,375    | 2,142   | 1,021   |
| 1997  | 4,365        | 23,031    | 52,382    | 2,929   | 1,177   |
| \$20,000 to \$29,999                                  | 2,556        | 12,601    | 27,592    | 1,474   | 653     |
| 1997  | 3,722        | 14,500    | 34,067    | 2,353   | 1,128   |
| \$30,000 to \$49,999                                  | 3,499        | 11,166    | 25,055    | 1,490   | 747     |
| 1997  | 4,863        | 13,625    | 30,281    | 2,302   | 1,344   |
| \$50,000 to \$69,999                                  | 2,636        | 5,915     | 13,328    | 1,353   | 642     |
| 1997  | 3,462        | 6,269     | 14,424    | 1,099   | 579     |
| \$70,000 to \$99,999                                  | 2,745        | 4,131     | 8,963     | 810     | 364     |
| 1997  | 2,980        | 3,399     | 8,612     | 977     | 386     |
| \$100,000 to \$199,999                                | 4,986        | 5,316     | 11,539    | 1,160   | 725     |
| 1997  | 5,485        | 3,224     | 11,011    | 1,267   | 574     |
| \$200,000 to \$499,999                                | 4,189        | 2,550     | 7,529     | 880     | 492     |
| 1997  | 3,566        | 1,359     | 6,719     | 792     | 212     |
| \$500,000 or more                                     | 1,037        | 882       | 1,738     | 223     | 93      |
| 1997  | 689          | 287       | 1,234     | 83      | 31      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |              |           |           |         |         |
| Tractors  |              |           |           |         |         |
| farms, 2002   | 29,229       | 79,581    | 224,544   | 11,950  | 5,357   |
| 1997  | 30,344       | 84,104    | 195,603   | 12,910  | 6,422   |
| number, 2002  | 94,737       | 153,429   | 389,981   | 24,747  | 14,954  |
| 1997  | 92,963       | 144,710   | 326,798   | 25,726  | 14,417  |
| Less than 40 horsepower (PTO)                         |              |           |           |         |         |
| farms, 2002   | 12,101       | 40,165    | 103,263   | 6,337   | 3,193   |
| 1997  | 13,125       | 44,125    | 90,398    | 6,781   | 3,984   |
| number, 2002  | 18,818       | 53,839    | 127,298   | 8,285   | 5,009   |
| 1997  | 21,181       | 56,019    | 109,523   | 8,963   | 5,876   |
| 40 to 99 horsepower (PTO)                             |              |           |           |         |         |
| farms, 2002   | 20,486       | 54,857    | 135,391   | 7,404   | 3,562   |
| 1997  | 22,300       | 55,818    | 115,490   | 8,067   | 4,114   |
| number, 2002  | 37,326       | 81,429    | 180,530   | 11,491  | 7,425   |
| 1997  | 40,612       | 74,228    | 150,760   | 12,575  | 7,284   |
| 100 horsepower (PTO) or more                          |              |           |           |         |         |
| farms, 2002   | 17,843       | 10,563    | 48,015    | 2,801   | 1,372   |
| 1997  | 17,488       | 9,972     | 43,535    | 2,818   | 740     |
| number, 2002  | 38,593       | 18,161    | 82,153    | 4,971   | 2,520   |
| 1997  | 31,170       | 14,463    | 66,515    | 4,188   | 1,257   |
| Grain and bean combines (see text)                    |              |           |           |         |         |
| farms, 2002   | 11,756       | 4,284     | 9,973     | 912     | 70      |
| 1997  | 12,991       | 5,385     | 10,640    | 1,411   | 109     |
| number, 2002  | 13,813       | 4,939     | 11,330    | 1,077   | 77      |
| 1997  | 15,131       | 6,197     | 12,630    | 1,620   | 139     |
| Cotton pickers and strippers                          |              |           |           |         |         |
| farms, 2002   | -            | 647       | 5,883     | -       | -       |
| 1997  | -            | 852       | 10,886    | -       | -       |
| number, 2002  | -            | 968       | 8,129     | -       | -       |
| 1997  | -            | 1,099     | 15,242    | -       | -       |
| Forage harvesters, self-propelled (see text)          |              |           |           |         |         |
| farms, 2002   | 2,418        | 1,154     | 2,988     | 1,942   | 232     |
| 1997  | (NA)         | (NA)      | (NA)      | (NA)    | (NA)    |
| number, 2002  | 2,573        | 1,252     | 3,302     | 2,105   | 249     |
| 1997  | (NA)         | (NA)      | (NA)      | (NA)    | (NA)    |
| Hay balers  |              |           |           |         |         |
| farms, 2002   | 16,666       | 30,829    | 33,243    | 6,520   | 2,793   |
| 1997  | 16,032       | 27,649    | 32,183    | 6,482   | 3,194   |
| number, 2002  | 19,444       | 38,055    | 40,750    | 7,623   | 3,357   |
| 1997  | 19,690       | 34,411    | 40,456    | 7,560   | 3,843   |
| <b>2002 INVENTORY</b>                                 |              |           |           |         |         |
| Manufactured 1998 to 2002:                            |              |           |           |         |         |
| Tractors  |              |           |           |         |         |
| farms   | 3,779        | 13,157    | 36,280    | 1,613   | 1,061   |
| number  | 5,856        | 18,048    | 47,580    | 2,207   | 1,450   |
| Less than 40 horsepower (PTO)                         |              |           |           |         |         |
| farms   | 459          | 3,885     | 11,763    | 438     | 389     |
| number  | 561          | 4,895     | 14,059    | 505     | 426     |
| 40 to 99 horsepower (PTO)                             |              |           |           |         |         |
| farms   | 715          | 9,508     | 21,064    | 818     | 588     |
| number  | 865          | 11,538    | 24,148    | 956     | 638     |
| 100 horsepower (PTO) or more                          |              |           |           |         |         |
| farms   | 3,000        | 1,107     | 6,403     | 536     | 237     |
| number  | 4,430        | 1,615     | 9,373     | 746     | 386     |
| Grain and bean combines                               |              |           |           |         |         |
| farms   | 1,275        | 341       | 914       | 13      | 1       |
| number  | 1,441        | 379       | 1,012     | 15      | (D)     |
| Cotton pickers and strippers                          |              |           |           |         |         |
| farms   | -            | 141       | 1,305     | -       | -       |
| number  | -            | 207       | 1,586     | -       | -       |
| Forage harvesters, self-propelled (see text)          |              |           |           |         |         |
| farms   | 271          | 209       | 462       | 187     | 31      |
| number  | 291          | 211       | 489       | 209     | 31      |
| Hay balers  |              |           |           |         |         |
| farms   | 2,450        | 4,456     | 5,628     | 957     | 311     |
| number  | 2,575        | 4,777     | 6,154     | 988     | 316     |
| Manufactured prior to 1998:                           |              |           |           |         |         |
| Tractors  |              |           |           |         |         |
| farms   | 28,604       | 72,891    | 204,231   | 11,320  | 5,043   |
| number  | 88,881       | 135,381   | 342,401   | 22,540  | 13,504  |
| Less than 40 horsepower (PTO)                         |              |           |           |         |         |
| farms   | 11,766       | 36,973    | 93,784    | 5,991   | 2,996   |
| number  | 18,257       | 48,944    | 113,239   | 7,780   | 4,583   |
| 40 to 99 horsepower (PTO)                             |              |           |           |         |         |
| farms   | 20,054       | 48,840    | 119,297   | 6,932   | 3,234   |
| number  | 36,461       | 69,891    | 156,382   | 10,535  | 6,787   |
| 100 horsepower (PTO) or more                          |              |           |           |         |         |
| farms   | 17,075       | 9,933     | 44,638    | 2,539   | 1,251   |
| number  | 34,163       | 16,546    | 72,780    | 4,225   | 2,134   |
| Grain and bean combines                               |              |           |           |         |         |
| farms   | 10,686       | 4,010     | 9,237     | 899     | 69      |
| number  | 12,372       | 4,560     | 10,318    | 1,062   | (D)     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

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

| Item  | Virginia      | Washington | West Virginia | Wisconsin | Wyoming |       |
|---|---------------|------------|---------------|-----------|---------|-------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |            |               |           |         |       |
| Estimated market value of all machinery and equipment |               |            |               |           |         |       |
| farms, 2002   | 46,303        | 33,543     | 18,956        | 74,500    | 9,000   |       |
| 1997  | 49,352        | 40,105     | 21,519        | 79,504    | 9,437   |       |
| \$1,000, 2002   | 2,005,079     | 2,690,548  | 496,427       | 5,386,373 | 672,815 |       |
| 1997  | 1,927,837     | 2,325,580  | 494,113       | 4,762,238 | 580,762 |       |
| Average per farm                                      | dollars, 2002 |            |               |           |         |       |
| 1997  | 43,303        | 80,212     | 26,188        | 72,300    | 74,757  |       |
|   | 39,063        | 57,987     | 22,962        | 59,899    | 61,541  |       |
| Farms by value group:                                 |               |            |               |           |         |       |
| \$1 to \$9,999  | 2002          | 10,691     | 7,388         | 21,803    | 1,834   |       |
| 1997  | 13,985        | 11,152     | 7,413         | 16,853    | 1,561   |       |
| \$10,000 to \$19,999                                  | 2002          | 8,534      | 5,286         | 3,694     | 11,890  | 1,107 |
| 1997  | 11,163        | 7,727      | 5,676         | 13,684    | 1,650   |       |
| \$20,000 to \$29,999                                  | 2002          | 6,190      | 3,571         | 2,909     | 7,386   | 1,102 |
| 1997  | 7,814         | 6,107      | 3,378         | 10,206    | 1,427   |       |
| \$30,000 to \$49,999                                  | 2002          | 6,530      | 3,592         | 2,353     | 7,797   | 1,028 |
| 1997  | 7,319         | 4,952      | 2,650         | 11,055    | 1,349   |       |
| \$50,000 to \$69,999                                  | 2002          | 3,396      | 2,403         | 1,068     | 5,496   | 814   |
| 1997  | 3,822         | 2,657      | 1,260         | 6,771     | 989     |       |
| \$70,000 to \$99,999                                  | 2002          | 2,615      | 1,955         | 702       | 4,486   | 725   |
| 1997  | 2,462         | 1,893      | 466           | 6,020     | 785     |       |
| \$100,000 to \$199,999                                | 2002          | 3,208      | 2,797         | 646       | 8,686   | 1,550 |
| 1997  | 2,622         | 2,762      | 527           | 9,775     | 1,077   |       |
| \$200,000 to \$499,999                                | 2002          | 1,597      | 2,166         | 181       | 5,376   | 734   |
| 1997  | 1,391         | 2,282      | 140           | 4,464     | 517     |       |
| \$500,000 or more                                     | 2002          | 248        | 1,082         | 15        | 1,580   | 106   |
| 1997  | 205           | 573        | 9             | 676       | 82      |       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |            |               |           |         |       |
| Tractors  |               |            |               |           |         |       |
| farms, 2002   | 43,443        | 29,941     | 17,627        | 69,242    | 7,309   |       |
| 1997  | 45,107        | 33,180     | 19,915        | 73,648    | 7,891   |       |
| number, 2002  | 92,928        | 70,993     | 32,300        | 219,442   | 19,589  |       |
| 1997  | 88,785        | 67,656     | 34,360        | 210,112   | 19,386  |       |
| Less than 40 horsepower (PTO)                         |               |            |               |           |         |       |
| farms, 2002   | 24,988        | 18,300     | 10,808        | 38,652    | 3,366   |       |
| 1997  | 25,829        | 20,880     | 11,672        | 42,758    | 3,792   |       |
| number, 2002  | 34,237        | 26,310     | 13,669        | 62,916    | 4,796   |       |
| 1997  | 35,294        | 29,041     | 15,301        | 70,045    | 5,737   |       |
| 40 to 99 horsepower (PTO)                             |               |            |               |           |         |       |
| farms, 2002   | 29,864        | 16,230     | 11,132        | 53,949    | 5,160   |       |
| 1997  | 30,904        | 17,130     | 12,653        | 56,731    | 5,490   |       |
| number, 2002  | 49,724        | 31,074     | 17,183        | 110,026   | 8,632   |       |
| 1997  | 46,195        | 29,776     | 18,016        | 104,657   | 9,127   |       |
| 100 horsepower (PTO) or more                          |               |            |               |           |         |       |
| farms, 2002   | 5,580         | 6,181      | 1,026         | 25,652    | 3,215   |       |
| 1997  | 4,814         | 5,309      | 815           | 23,595    | 2,766   |       |
| number, 2002  | 8,967         | 13,609     | 1,448         | 46,500    | 6,161   |       |
| 1997  | 7,296         | 8,839      | 1,043         | 35,410    | 4,522   |       |
| Grain and bean combines (see text)                    |               |            |               |           |         |       |
| farms, 2002   | 2,926         | 3,414      | 276           | 13,709    | 1,032   |       |
| 1997  | 3,968         | 3,774      | 525           | 18,671    | 1,186   |       |
| number, 2002  | 3,264         | 5,085      | 306           | 14,973    | 1,260   |       |
| 1997  | 4,593         | 5,853      | 549           | 20,233    | 1,445   |       |
| Cotton pickers and strippers                          |               |            |               |           |         |       |
| farms, 2002   | 167           | -          | -             | -         | -       |       |
| 1997  | 166           | -          | -             | -         | -       |       |
| number, 2002  | 180           | -          | -             | -         | -       |       |
| 1997  | 176           | -          | -             | -         | -       |       |
| Forage harvesters, self-propelled (see text)          |               |            |               |           |         |       |
| farms, 2002   | 988           | 1,642      | 280           | 4,401     | 1,356   |       |
| 1997  | (NA)          | (NA)       | (NA)          | (NA)      | (NA)    |       |
| number, 2002  | 1,057         | 1,911      | 287           | 5,050     | 1,560   |       |
| 1997  | (NA)          | (NA)       | (NA)          | (NA)      | (NA)    |       |
| Hay balers  |               |            |               |           |         |       |
| farms, 2002   | 20,412        | 8,026      | 10,940        | 35,774    | 4,223   |       |
| 1997  | 20,045        | 7,075      | 11,779        | 41,835    | 4,119   |       |
| number, 2002  | 26,047        | 9,164      | 13,947        | 43,390    | 5,334   |       |
| 1997  | 26,257        | 8,923      | 14,548        | 50,088    | 5,345   |       |
| <b>2002 INVENTORY</b>                                 |               |            |               |           |         |       |
| Manufactured 1998 to 2002:                            |               |            |               |           |         |       |
| Tractors  |               |            |               |           |         |       |
| farms   | 7,811         | 5,619      | 2,579         | 8,193     | 838     |       |
| number  | 10,409        | 8,605      | 3,047         | 12,484    | 1,203   |       |
| Less than 40 horsepower (PTO)                         |               |            |               |           |         |       |
| farms   | 2,614         | 2,337      | 840           | 2,780     | 153     |       |
| number  | 2,976         | 2,930      | 877           | 3,402     | 179     |       |
| 40 to 99 horsepower (PTO)                             |               |            |               |           |         |       |
| farms   | 5,206         | 2,479      | 1,818         | 3,331     | 417     |       |
| number  | 6,349         | 3,900      | 2,031         | 4,412     | 505     |       |
| 100 horsepower (PTO) or more                          |               |            |               |           |         |       |
| farms   | 812           | 1,236      | 125           | 3,308     | 377     |       |
| number  | 1,084         | 1,775      | 139           | 4,670     | 519     |       |
| Grain and bean combines                               |               |            |               |           |         |       |
| farms   | 201           | 381        | 7             | 1,110     | 71      |       |
| number  | 218           | 443        | 7             | 1,174     | 75      |       |
| Cotton pickers and strippers                          |               |            |               |           |         |       |
| farms   | 28            | -          | -             | -         | -       |       |
| number  | 29            | -          | -             | -         | -       |       |
| Forage harvesters, self-propelled (see text)          |               |            |               |           |         |       |
| farms   | 78            | 239        | 19            | 400       | 171     |       |
| number  | 79            | 286        | 19            | 414       | 180     |       |
| Hay balers  |               |            |               |           |         |       |
| farms   | 2,629         | 603        | 1,040         | 2,461     | 598     |       |
| number  | 2,763         | 692        | 1,101         | 2,635     | 639     |       |
| Manufactured prior to 1998:                           |               |            |               |           |         |       |
| Tractors  |               |            |               |           |         |       |
| farms   | 40,261        | 27,606     | 16,445        | 67,030    | 7,095   |       |
| number  | 82,519        | 62,388     | 29,253        | 206,958   | 18,386  |       |
| Less than 40 horsepower (PTO)                         |               |            |               |           |         |       |
| farms   | 22,992        | 16,568     | 10,102        | 36,751    | 3,237   |       |
| number  | 31,261        | 23,380     | 12,792        | 59,514    | 4,617   |       |
| 40 to 99 horsepower (PTO)                             |               |            |               |           |         |       |
| farms   | 27,001        | 15,032     | 10,101        | 52,493    | 4,937   |       |
| number  | 43,375        | 27,174     | 15,152        | 105,614   | 8,127   |       |
| 100 horsepower (PTO) or more                          |               |            |               |           |         |       |
| farms   | 5,146         | 5,734      | 942           | 24,450    | 3,032   |       |
| number  | 7,883         | 11,834     | 1,309         | 41,830    | 5,642   |       |
| Grain and bean combines                               |               |            |               |           |         |       |
| farms   | 2,748         | 3,122      | 271           | 12,744    | 969     |       |
| number  | 3,046         | 4,642      | 299           | 13,799    | 1,185   |       |

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