

# Potatoes



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## Acreeage Up 7 Percent, Sales Set A Record High

Acreeage harvested in 1990 was estimated at 1.37 million acres, up 7 percent from 1989, and 9 percent above 1988. The volume of potatoes sold was a record high 368 million cwt, up 8 percent from last year and 5 percent above the previous record in 1987.

Yield per acre averaged 293 cwt per acre, up 1 percent from 1989 and 4 percent above 1988.

Production in 1990 totaled 402 million cwt, a gain of 9 percent from 1989 and 13 percent above 1988.

Utilization of the 1990 potato crop included 224 million cwt for processing, 118 million cwt for fresh market, 27.9 million cwt for seed, and 32.5 million cwt for shrink, loss, home use, and livestock feed.

Value of production was \$2.43 billion, down 11 percent from a year earlier but 13 percent above 1988. The average price was \$6.08 per cwt compared with \$7.36 in 1989 and \$6.02 in 1988.

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The next "Potatoes" report will be released in September 1992.

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## Potatoes

This publication presents final 1990 estimates of acreage, yield per acre, production, farm disposition, season average price, value, and utilization of sales including processing with historic comparisons. First of the month (December through May) stocks of potatoes for the 15 major fall producing States are also included. Production, disposition, and value data for Alaska are shown separately.

These final estimates are based on information furnished by crop reporters, processors, and cooperating State or Federal Agencies. The various sources include: Market News Service rail and truck shipments and unloads, Federal-State inspections--and miscellaneous data available through marketing programs.

Price estimates represent average returns to growers for all uses and for all methods of sale. These prices are applied to total production to compute value of production and to the quantity sold to compute value of sales. Some unsold potatoes contribute to the value of production; including farm use for seed, feed, home use, and loss. The United States season average price is obtained by weighting State prices by quantities sold.

Potato production, utilization, and value of sales in each State have been classified by seasonal group according to the period when the largest supplies are usually harvested.

The four seasonal groups are as follows:

| Season | Usual Time of Harvest      |
|--------|----------------------------|
| Winter | January through March      |
| Spring | April through June         |
| Summer | July through September     |
| Fall   | September through November |

Crop year is associated with the calendar year in which harvest is accomplished. Seasons are not fixed dates but are approximations because there is some overlapping of harvest before or after the specified season. Generally, the marketing season closely follows the harvesting season except for the fall crop where marketing from storage may extend through July of the following year. Thus, the marketing year for fall potatoes is generally the start of harvest through July of the following year.

### Production, Disposition, and Utilization

Production of potatoes in 1990 totaled 402 million cwt, up 9 percent from the previous year and 13 percent above 1988. Harvested area was 1.37 million acres in the 4 growing seasons, topping 1989 by 7 percent and 1988 by 9 percent. The average yield was 293 cwt per acre, up 1 percent from 1989 and 4 percent above 1988.

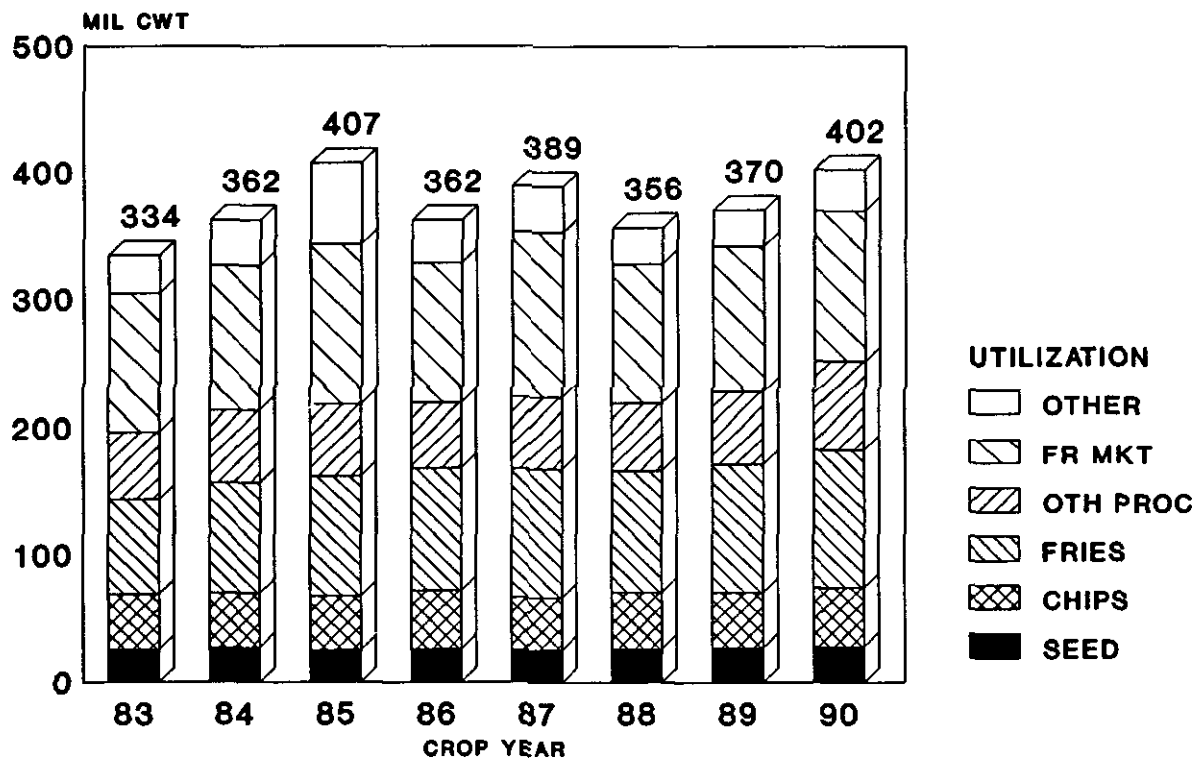
Value of production totaled \$2.43 billion, 11 percent short of the 1989 record high return but 13 percent above 1988. The average price of potatoes brought the grower \$6.08 per cwt, down 17 percent from 1989 but 1 percent above 1988.

Sales from the 1990 potato crop were a record high, totaling 368 million cwt. This volume is 8 percent above 1989 and 13 percent above 1988. Growers kept back 5.04 million cwt of potatoes for seed on their own farms and bought an additional 22.9 million cwt to plant the 1991 crop. Livestock on potato farms were fed 906,000 cwt, while shrinkage and loss claimed 28.3 million cwt of production. Shrinkage and loss were up 13 percent from the previous two years.

Processing used a record 224 million cwt of 1990 crop potatoes, up 11 percent from 1989 and 16 percent above 1988. Table stock, at 118 million was up 4 percent, while seed sales were up 3 percent.

Chip use, at 46.1 million cwt, was 7 percent higher. French fry use of 109 million cwt gained 8 percent, while other frozen products accounted for 23.5 million, up 23 percent. Dehydrators consumed 38.8 million cwt, up 21 percent; while starch, flour, and other usage of 1.70 million cwt, nearly doubled. Cannery bought 2.51 million cwt for whole potatoes, down 20 percent as well as 2.27 million cwt for other products which were up an offsetting 22 percent.

## U. S. POTATO UTILIZATION 1983 - 90



Potatoes: Area Planted and Harvested, Yield and Production,  
by Seasonal Group, and United States, 1988-90

| Seasonal Group and State | Area Planted |      |      | Area Harvested |        |        |
|--------------------------|--------------|------|------|----------------|--------|--------|
|                          | 1988         | 1989 | 1990 | 1988           | 1989   | 1990   |
| 1,000 Acres              |              |      |      |                |        |        |
| Winter                   |              |      |      |                |        |        |
| CA                       | 5.2          | 5.5  | 5.5  | 5.2            | 5.5    | 5.5    |
| FL                       | 7.3          | 7.6  | 8.0  | 7.1            | 7.6    | 7.7    |
| Total                    | 12.5         | 13.1 | 13.5 | 12.3           | 13.1   | 13.2   |
| Spring                   |              |      |      |                |        |        |
| AL                       | 5.0          | 5.5  | 5.8  | 4.9            | 5.4    | 5.7    |
| AZ                       | 5.3          | 5.8  | 6.9  | 5.3            | 5.8    | 6.9    |
| CA                       | 19.6         | 21.0 | 22.5 | 19.6           | 21.0   | 22.5   |
| FL                       |              |      |      |                |        |        |
| Hastings                 | 27.0         | 28.5 | 29.0 | 26.5           | 28.0   | 28.7   |
| Other                    | 2.6          | 7.5  | 8.5  | 2.5            | 7.0    | 8.3    |
| LA                       | 0.5          | 0.4  | 1/   | 0.4            | 0.3    | 1/     |
| NC                       | 14.5         | 16.2 | 16.5 | 14.4           | 15.6   | 16.2   |
| TX                       | 6.4          | 7.4  | 7.0  | 6.2            | 5.8    | 6.8    |
| Total                    | 80.9         | 92.3 | 96.2 | 79.8           | 88.9   | 95.1   |
| Yield : Production       |              |      |      |                |        |        |
|                          | 1988         | 1989 | 1990 | 1988           | 1989   | 1990   |
|                          | Cwt          |      |      | 1,000 Cwt      |        |        |
| Winter                   |              |      |      |                |        |        |
| CA                       | 230          | 240  | 230  | 1,196          | 1,320  | 1,265  |
| FL                       | 200          | 190  | 140  | 1,420          | 1,444  | 1,078  |
| Total                    | 213          | 211  | 177  | 2,616          | 2,764  | 2,343  |
| Spring                   |              |      |      |                |        |        |
| AL                       | 135          | 240  | 150  | 662            | 1,296  | 855    |
| AZ                       | 235          | 315  | 260  | 1,246          | 1,827  | 1,794  |
| CA                       | 385          | 375  | 375  | 7,546          | 7,875  | 8,438  |
| FL                       |              |      |      |                |        |        |
| Hastings                 | 235          | 195  | 240  | 6,228          | 5,460  | 6,888  |
| Other                    | 210          | 200  | 220  | 525            | 1,400  | 1,826  |
| LA                       | 50           | 90   | 1/   | 20             | 27     | 1/     |
| NC                       | 190          | 140  | 200  | 2,736          | 2,184  | 3,240  |
| TX                       | 185          | 135  | 165  | 1,147          | 783    | 1,122  |
| Total                    | 252          | 235  | 254  | 20,110         | 20,852 | 24,163 |

1/ Estimates discontinued.

Potatoes: Area Planted and Harvested,  
by Seasonal Group, and United States, 1988-90

| Seasonal Group and State | Area Planted |         |         | Area Harvested |         |         |
|--------------------------|--------------|---------|---------|----------------|---------|---------|
|                          | 1988         | 1989    | 1990    | 1988           | 1989    | 1990    |
|                          | 1,000 Acres  |         |         |                |         |         |
| Summer                   |              |         |         |                |         |         |
| AL                       | 7.9          | 7.7     | 7.0     | 7.7            | 7.5     | 6.8     |
| CA                       | 5.9          | 6.1     | 5.3     | 5.9            | 6.1     | 5.3     |
| CO                       | 6.2          | 6.8     | 7.3     | 6.1            | 6.7     | 7.2     |
| DE                       | 8.4          | 7.7     | 8.2     | 8.4            | 7.2     | 8.2     |
| IL                       | 3.5          | 3.4     | 3.4     | 3.2            | 3.3     | 3.1     |
| IA                       | 1.8          | 1.5     | 1.7     | 1.7            | 1.5     | 1.0     |
| MD                       | 2.3          | 2.1     | 1.8     | 2.3            | 1.8     | 1.8     |
| MI                       | 10.5         | 10.5    | 12.0    | 9.0            | 10.0    | 11.5    |
| MN                       | 5.9          | 6.4     | 6.2     | 5.7            | 6.3     | 6.1     |
| MO 2/                    |              |         | 6.8     |                |         | 5.8     |
| NE                       | 2.4          | 2.4     | 2.8     | 2.3            | 2.3     | 2.7     |
| NJ                       | 5.3          | 4.9     | 4.5     | 5.2            | 4.8     | 4.4     |
| NM                       | 10.3         | 11.6    | 12.0    | 10.2           | 11.5    | 10.0    |
| NC                       | 1.5          | 1.5     | 1.5     | 1.4            | 1.4     | 1.4     |
| TN                       | 1.0          | 0.6     | 1/      | 0.9            | 0.6     | 1/      |
| TX                       | 9.5          | 11.0    | 12.0    | 9.0            | 10.5    | 10.0    |
| VA                       | 14.0         | 13.0    | 11.0    | 12.8           | 12.0    | 11.0    |
| Total                    | 96.4         | 97.2    | 103.5   | 91.8           | 93.5    | 96.3    |
| Fall                     |              |         |         |                |         |         |
| CA                       | 16.5         | 16.1    | 17.0    | 16.5           | 16.1    | 17.0    |
| CO                       | 60.0         | 62.0    | 65.5    | 59.5           | 61.5    | 65.0    |
| CT                       | 0.6          | 0.4     | 1/      | 0.6            | 0.3     | 1/      |
| ID                       |              |         |         |                |         |         |
| 10 SW Co                 | 18.0         | 17.0    | 20.0    | 18.0           | 17.0    | 20.0    |
| Other Co                 | 332.0        | 338.0   | 385.0   | 329.0          | 336.0   | 383.0   |
| IN                       | 4.9          | 4.4     | 4.3     | 4.2            | 4.0     | 3.9     |
| ME                       | 81.0         | 81.0    | 81.0    | 80.0           | 80.0    | 76.0    |
| MA                       | 2.7          | 2.6     | 2.6     | 2.6            | 2.5     | 2.6     |
| MI                       | 36.0         | 33.0    | 34.0    | 34.0           | 30.0    | 33.0    |
| MN                       | 70.0         | 67.0    | 69.0    | 69.0           | 66.0    | 68.0    |
| MT                       | 7.8          | 8.2     | 9.0     | 7.7            | 8.1     | 8.9     |
| NE                       | 8.0          | 8.0     | 9.4     | 7.6            | 7.9     | 9.3     |
| NV                       | 8.0          | 8.0     | 7.0     | 8.0            | 8.0     | 7.0     |
| NY                       |              |         |         |                |         |         |
| Long Is                  | 8.4          | 7.5     | 6.5     | 8.3            | 7.3     | 6.5     |
| Upstate                  | 25.0         | 22.5    | 22.5    | 24.0           | 21.5    | 22.0    |
| ND                       | 140.0        | 140.0   | 150.0   | 135.0          | 137.0   | 145.0   |
| OH                       | 9.5          | 8.5     | 8.0     | 8.7            | 7.9     | 7.8     |
| OR                       |              |         |         |                |         |         |
| Malheur                  | 6.6          | 5.4     | 7.2     | 6.4            | 5.2     | 7.0     |
| Other Co                 | 39.4         | 45.6    | 46.8    | 38.6           | 44.8    | 46.0    |
| PA                       | 21.5         | 21.0    | 23.0    | 20.5           | 20.5    | 22.5    |
| RI                       | 1.2          | 1.2     | 1.1     | 1.2            | 1.2     | 1.1     |
| SD                       | 11.0         | 10.0    | 9.0     | 10.0           | 9.0     | 9.0     |
| UT                       | 6.8          | 6.3     | 6.3     | 6.6            | 6.1     | 6.2     |
| WA                       | 115.0        | 118.0   | 133.0   | 115.0          | 118.0   | 132.0   |
| WI                       | 63.0         | 68.5    | 67.0    | 62.5           | 68.0    | 65.0    |
| WY                       | 2.0          | 2.2     | 2.3     | 1.9            | 2.1     | 2.2     |
| Total                    | 1,094.9      | 1,102.4 | 1,186.5 | 1,075.4        | 1,086.0 | 1,166.0 |
| US                       | 1,284.7      | 1,305.0 | 1,399.7 | 1,259.3        | 1,281.5 | 1,370.6 |

See footnotes on page 7.

Potatoes: Yield and Production,  
by Seasonal Group, and United States, 1988-90

| Seasonal Group and State | Yield |      |      | Production |         |         |
|--------------------------|-------|------|------|------------|---------|---------|
|                          | 1988  | 1989 | 1990 | 1988       | 1989    | 1990    |
|                          | Cwt   |      |      | 1,000 Cwt  |         |         |
| Summer                   |       |      |      |            |         |         |
| AL                       | 90    | 170  | 160  | 693        | 1,275   | 1,088   |
| CA                       | 325   | 360  | 330  | 1,918      | 2,196   | 1,749   |
| CO                       | 305   | 320  | 295  | 1,861      | 2,144   | 2,124   |
| DE                       | 215   | 160  | 245  | 1,806      | 1,152   | 2,009   |
| IL                       | 230   | 260  | 270  | 736        | 858     | 837     |
| IA                       | 170   | 175  | 160  | 289        | 263     | 160     |
| MD                       | 200   | 175  | 180  | 460        | 315     | 324     |
| MI                       | 180   | 230  | 250  | 1,620      | 2,300   | 2,875   |
| MN                       | 260   | 300  | 300  | 1,482      | 1,890   | 1,830   |
| MO 2/                    |       |      | 165  |            |         | 957     |
| NE                       | 300   | 260  | 245  | 690        | 598     | 662     |
| NJ                       | 195   | 185  | 230  | 1,014      | 888     | 1,012   |
| NM                       | 300   | 350  | 340  | 3,060      | 4,025   | 3,400   |
| NC                       | 120   | 90   | 100  | 168        | 126     | 140     |
| TN                       | 66    | 100  | 1/   | 59         | 60      | 1/      |
| TX                       | 250   | 250  | 195  | 2,250      | 2,625   | 1,950   |
| VA                       | 160   | 120  | 180  | 2,048      | 1,440   | 1,980   |
| Total                    | 220   | 237  | 240  | 20,154     | 22,155  | 23,097  |
| Fall                     |       |      |      |            |         |         |
| CA                       | 370   | 400  | 390  | 6,105      | 6,440   | 6,630   |
| CO                       | 320   | 335  | 350  | 19,040     | 20,603  | 22,750  |
| CT                       | 225   | 210  | 1/   | 135        | 63      | 1/      |
| ID                       |       |      |      |            |         |         |
| 10 SW Co                 | 400   | 395  | 400  | 7,200      | 6,715   | 8,000   |
| Other Co                 | 290   | 285  | 290  | 95,410     | 95,760  | 111,070 |
| IN                       | 180   | 240  | 220  | 756        | 960     | 858     |
| ME                       | 275   | 275  | 270  | 22,000     | 22,000  | 20,520  |
| MA                       | 220   | 240  | 250  | 572        | 600     | 650     |
| MI                       | 230   | 245  | 280  | 7,820      | 7,350   | 9,240   |
| MN                       | 175   | 210  | 210  | 12,075     | 13,860  | 14,280  |
| MT                       | 280   | 275  | 280  | 2,156      | 2,228   | 2,492   |
| NE                       | 280   | 320  | 305  | 2,128      | 2,528   | 2,837   |
| NV                       | 310   | 325  | 335  | 2,480      | 2,600   | 2,345   |
| NY                       |       |      |      |            |         |         |
| Long Is                  | 240   | 260  | 300  | 1,992      | 1,898   | 1,950   |
| Upstate                  | 200   | 220  | 270  | 4,800      | 4,730   | 5,940   |
| ND                       | 115   | 110  | 115  | 15,525     | 15,070  | 16,675  |
| OH                       | 195   | 185  | 245  | 1,697      | 1,462   | 1,911   |
| OR                       |       |      |      |            |         |         |
| Malheur                  | 375   | 390  | 360  | 2,400      | 2,028   | 2,520   |
| Other Co                 | 475   | 475  | 455  | 18,335     | 21,280  | 20,930  |
| PA                       | 180   | 230  | 240  | 3,690      | 4,715   | 5,400   |
| RI                       | 250   | 250  | 245  | 300        | 300     | 270     |
| SD                       | 160   | 220  | 220  | 1,600      | 1,980   | 1,980   |
| UT                       | 245   | 245  | 265  | 1,617      | 1,495   | 1,643   |
| WA                       | 550   | 545  | 515  | 63,250     | 64,310  | 67,980  |
| WI                       | 320   | 340  | 355  | 20,000     | 23,120  | 23,075  |
| WY                       | 250   | 275  | 255  | 475        | 578     | 561     |
| Total                    | 292   | 299  | 302  | 313,558    | 324,673 | 352,507 |
| US                       | 283   | 289  | 293  | 356,438    | 370,444 | 402,110 |

1/ Estimates discontinued. 2/ Estimates were begun in 1990.

Potatoes: Production, Farm Disposition, Season Average Price,  
and Value, by Seasonal Group, 1989 Crop

| Season and State | Prod   | Farm Disposition    |                               |                 |        | Price per Cwt | Value of         |         |
|------------------|--------|---------------------|-------------------------------|-----------------|--------|---------------|------------------|---------|
|                  |        | Total Used for Seed | Where Grown: Seed, Feed, Home | Shrink and Loss | Sold   |               | Prod             | Sales   |
|                  |        | 1,000 Cwt           |                               |                 |        | Dols          | -- 1,000 Dols -- |         |
| <b>Winter</b>    |        |                     |                               |                 |        |               |                  |         |
| CA               | 1,320  | 121                 | 66                            | 1,254           | 16.10  | 21,252        | 20,189           |         |
| FL               | 1,444  | 232                 | 9                             | 1,435           | 24.30  | 35,089        | 34,871           |         |
| Total            | 2,764  | 353                 | 75                            | 2,689           | 20.50  | 56,341        | 55,060           |         |
| <b>Spring</b>    |        |                     |                               |                 |        |               |                  |         |
| AL               | 1,296  | 88                  | 1                             | 19              | 1,276  | 10.60         | 13,738           | 13,526  |
| AZ               | 1,827  | 124                 | 4                             | 37              | 1,786  | 8.30          | 15,164           | 14,824  |
| CA               | 7,875  | 495                 | 14                            | 158             | 7,703  | 11.00         | 86,625           | 84,733  |
| FL-Hastings      | 5,460  | 725                 | 1                             | 22              | 5,437  | 11.90         | 64,974           | 64,700  |
| -Other           | 1,400  | 213                 |                               | 11              | 1,389  | 20.70         | 28,980           | 28,752  |
| LA               | 27     |                     | 2                             | 1               | 24     | 13.00         | 351              | 312     |
| NC               | 2,184  | 215                 | 20                            | 66              | 2,098  | 8.45          | 18,455           | 17,728  |
| TX               | 783    | 86                  | 20                            | 78              | 685    | 6.60          | 5,168            | 4,521   |
| Total            | 20,852 | 1,946               | 62                            | 392             | 20,398 | 11.20         | 233,455          | 229,096 |
| <b>Summer</b>    |        |                     |                               |                 |        |               |                  |         |
| AL               | 1,275  | 106                 | 13                            | 64              | 1,198  | 11.50         | 14,663           | 13,777  |
| CA               | 2,196  | 106                 | 11                            | 44              | 2,141  | 18.70         | 41,065           | 40,037  |
| CO               | 2,144  | 151                 | 4                             | 90              | 2,050  | 6.00          | 12,864           | 12,300  |
| DE               | 1,152  | 123                 | 6                             | 46              | 1,100  | 12.50         | 14,400           | 13,750  |
| IL               | 858    | 72                  | 12                            | 21              | 825    | 6.05          | 5,191            | 4,991   |
| IA               | 263    | 24                  | 6                             | 18              | 239    | 6.15          | 1,617            | 1,470   |
| MD               | 315    | 25                  | 9                             | 9               | 297    | 10.20         | 3,213            | 3,029   |
| MI               | 2,300  | 252                 | 27                            | 115             | 2,158  | 8.20          | 18,860           | 17,696  |
| MN               | 1,890  | 118                 | 4                             | 81              | 1,805  | 7.95          | 15,026           | 14,350  |
| NE               | 598    | 50                  | 27                            | 48              | 523    | 8.70          | 5,203            | 4,550   |
| NJ               | 888    | 90                  | 6                             | 27              | 855    | 9.05          | 8,036            | 7,738   |
| NM               | 4,025  | 260                 | 28                            | 237             | 3,760  | 8.00          | 32,200           | 30,080  |
| NC               | 126    | 20                  | 24                            | 4               | 98     | 16.70         | 2,104            | 1,637   |
| TN               | 60     |                     | 5                             | 4               | 51     | 12.00         | 720              | 612     |
| TX               | 2,625  | 156                 | 5                             | 53              | 2,567  | 14.00         | 36,750           | 35,938  |
| VA               | 1,440  | 149                 | 1                             | 50              | 1,389  | 11.60         | 16,704           | 16,112  |
| Total            | 22,155 | 1,702               | 188                           | 911             | 21,056 | 10.40         | 228,616          | 218,067 |

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Potatoes: Production, Farm Disposition, Season Average Price,  
and Value, by Seasonal Group, 1989 Crop (continued)

| Season and State | Prod    | Farm Disposition    |                               |                 |         |      | Price per Cwt | Value of  |  |
|------------------|---------|---------------------|-------------------------------|-----------------|---------|------|---------------|-----------|--|
|                  |         | Total Used for Seed | Where Grown: Seed, Feed, Home | Shrink and Loss | Sold    | Prod |               | Sales     |  |
|                  |         | 1,000               | Cwt                           |                 |         | Dols | 1,000         | Dols      |  |
| Fall             |         |                     |                               |                 |         |      |               |           |  |
| CA               | 6,440   | 295                 | 27                            | 474             | 5,939   | 8.40 | 54,096        | 49,888    |  |
| CO               | 20,603  | 1,539               | 1,067                         | 1,550           | 17,986  | 8.35 | 172,035       | 150,183   |  |
| CT               | 63      |                     | 1                             | 2               | 60      | 7.10 | 447           | 426       |  |
| ID               | 102,475 | 7,900               | 1,470                         | 8,632           | 92,373  | 7.10 | 727,573       | 655,848   |  |
| IN               | 960     | 84                  | 12                            | 51              | 897     | 8.10 | 7,776         | 7,266     |  |
| ME               | 22,000  | 1,701               | 600                           | 1,650           | 19,750  | 7.55 | 166,100       | 149,113   |  |
| MA               | 600     | 51                  | 2                             | 20              | 578     | 8.35 | 5,010         | 4,826     |  |
| MI               | 7,350   | 700                 | 150                           | 590             | 6,610   | 8.25 | 60,638        | 54,533    |  |
| MN               | 13,860  | 1,173               | 500                           | 885             | 12,475  | 5.80 | 80,388        | 72,355    |  |
| MT               | 2,228   | 189                 | 115                           | 89              | 2,024   | 8.25 | 18,381        | 16,698    |  |
| NE               | 2,528   | 216                 | 147                           | 215             | 2,166   | 7.75 | 19,592        | 16,787    |  |
| NV               | 2,600   | 140                 |                               | 312             | 2,288   | 8.70 | 22,620        | 19,906    |  |
| NY-Long Is       | 1,898   | 133                 | 4                             | 44              | 1,850   | 8.85 | 16,797        | 16,373    |  |
| -Upstate         | 4,730   | 484                 | 120                           | 215             | 4,395   | 8.65 | 40,915        | 38,017    |  |
| ND               | 15,070  | 2,175               | 375                           | 1,435           | 13,260  | 6.40 | 96,448        | 84,864    |  |
| OH               | 1,462   | 168                 | 12                            | 60              | 1,390   | 7.30 | 10,673        | 10,147    |  |
| OR-Malheur       | 2,028   | 154                 | 10                            | 95              | 1,923   | 4.50 | 9,126         | 8,654     |  |
| -Other           | 21,280  | 1,012               | 170                           | 2,030           | 19,080  | 5.95 | 126,616       | 113,526   |  |
| PA               | 4,715   | 437                 | 71                            | 165             | 4,479   | 8.55 | 40,313        | 38,295    |  |
| RI               | 300     | 29                  | 1                             | 10              | 289     | 6.80 | 2,040         | 1,965     |  |
| SD               | 1,980   | 160                 | 30                            | 90              | 1,860   | 4.70 | 9,306         | 8,742     |  |
| UT               | 1,495   | 156                 | 51                            | 136             | 1,308   | 6.60 | 9,867         | 8,633     |  |
| WA               | 64,310  | 2,838               | 300                           | 4,100           | 59,910  | 5.15 | 331,197       | 308,537   |  |
| WI               | 23,120  | 1,242               | 231                           | 694             | 22,195  | 7.20 | 166,464       | 159,804   |  |
| WY               | 578     | 48                  | 6                             | 52              | 520     | 7.15 | 4,133         | 3,718     |  |
| Total            | 324,673 | 23,024              | 5,472                         | 23,596          | 295,605 | 6.76 | 2,198,551     | 1,999,104 |  |
| US               | 370,444 | 27,025              | 5,722                         | 24,974          | 339,748 | 7.36 | 2,716,963     | 2,501,327 |  |

Potatoes: Production, Farm Disposition, Season Average Price,  
and Value, by Seasonal Group, 1990 Crop

| Season and State | Prod   | Farm Disposition    |                               |                 |        |               | Value of         |         |
|------------------|--------|---------------------|-------------------------------|-----------------|--------|---------------|------------------|---------|
|                  |        | Total Used for Seed | Where Grown: Seed, Feed, Home | Shrink and Loss | Sold   | Price per Cwt | Prod             | Sales   |
|                  |        | 1,000 Cwt           |                               |                 | Dols   |               | -- 1,000 Dols -- |         |
| <b>Winter</b>    |        |                     |                               |                 |        |               |                  |         |
| CA               | 1,265  | 123                 | 63                            | 1,202           | 24.40  | 30,866        | 29,329           |         |
| FL               | 1,078  | 220                 | 6                             | 1,072           | 38.20  | 41,180        | 40,950           |         |
| Total            | 2,343  | 343                 | 69                            | 2,274           | 30.90  | 72,046        | 70,279           |         |
| <b>Spring</b>    |        |                     |                               |                 |        |               |                  |         |
| AL               | 855    | 60                  | 1                             | 13              | 841    | 11.50         | 9,833            | 9,672   |
| AZ               | 1,794  | 120                 | 5                             | 36              | 1,753  | 8.50          | 15,249           | 14,901  |
| CA               | 8,438  | 455                 | 15                            | 169             | 8,254  | 10.50         | 88,599           | 86,667  |
| FL-Hastings      | 6,888  | 688                 | 1                             | 28              | 6,859  | 8.25          | 56,826           | 56,587  |
| -Other           | 1,826  | 215                 |                               | 15              | 1,811  | 23.40         | 42,728           | 42,377  |
| NC               | 3,240  | 225                 | 23                            | 97              | 3,120  | 5.55          | 17,982           | 17,317  |
| TX               | 1,122  | 62                  | 28                            | 22              | 1,072  | 11.80         | 13,240           | 12,650  |
| Total            | 24,163 | 1,825               | 73                            | 380             | 23,710 | 10.10         | 244,457          | 240,171 |
| <b>Summer</b>    |        |                     |                               |                 |        |               |                  |         |
| AL               | 1,088  | 106                 | 11                            | 54              | 1,023  | 8.45          | 9,194            | 8,644   |
| CA               | 1,749  | 95                  | 10                            | 35              | 1,704  | 12.30         | 21,513           | 20,959  |
| CO               | 2,124  | 158                 | 3                             | 125             | 1,996  | 6.80          | 14,443           | 13,573  |
| DE               | 2,009  | 116                 | 10                            | 80              | 1,919  | 8.20          | 16,474           | 15,736  |
| IL               | 837    | 99                  | 13                            | 21              | 803    | 5.30          | 4,436            | 4,256   |
| IA               | 160    | 21                  | 5                             | 11              | 144    | 5.15          | 824              | 742     |
| MD               | 324    | 24                  | 10                            | 10              | 304    | 9.40          | 3,046            | 2,858   |
| MI               | 2,875  | 240                 | 40                            | 280             | 2,555  | 6.45          | 18,544           | 16,480  |
| MN               | 1,830  | 145                 | 4                             | 85              | 1,741  | 6.90          | 12,627           | 12,013  |
| MO               | 957    | 130                 | 1                             | 10              | 946    | 6.25          | 5,981            | 5,913   |
| NE               | 662    | 55                  | 26                            | 27              | 609    | 8.00          | 5,296            | 4,872   |
| NJ               | 1,012  | 74                  | 5                             | 30              | 977    | 9.20          | 9,310            | 8,988   |
| NM               | 3,400  | 240                 | 26                            | 204             | 3,170  | 8.30          | 28,220           | 26,311  |
| NC               | 140    | 20                  | 27                            | 5               | 108    | 11.70         | 1,638            | 1,264   |
| TX               | 1,950  | 150                 | 4                             | 39              | 1,907  | 17.90         | 34,905           | 34,135  |
| VA               | 1,980  | 149                 | 2                             | 69              | 1,909  | 9.40          | 18,612           | 17,945  |
| Total            | 23,097 | 1,822               | 197                           | 1,085           | 21,815 | 8.92          | 205,063          | 194,689 |

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Potatoes: Production, Farm Disposition, Season Average Price,  
and Value, by Seasonal Group, 1990 Crop (continued)

| Season<br>and<br>State | Prod    | Farm Disposition             |  |                       |         |                      | Value of  |                    |
|------------------------|---------|------------------------------|--|-----------------------|---------|----------------------|-----------|--------------------|
|                        |         | Total<br>Used<br>for<br>Seed | Where Grown:<br>-----<br>Seed<br>Feed,<br>Home | Shrink<br>and<br>Loss | Sold    | Price:<br>per<br>Cwt | Prod      | Sales              |
|                        |         | ----- 1,000 Cwt -----        |  |                       |         |                      | Dols      | --- 1,000 Dols --- |
| Fall                   |         |                              |  |                       |         |                      |           |                    |
| CA                     | 6,630   | 261                          | 30   | 663                   | 5,937   | 5.70                 | 37,791    | 33,841             |
| CO                     | 22,750  | 1,669                        | 1,140  | 2,685                 | 18,925  | 4.45                 | 101,238   | 84,216             |
| ID                     | 119,070 | 7,900                        | 1,595  | 8,803                 | 108,672 | 5.00                 | 595,350   | 543,360            |
| IN                     | 858     | 86                           | 13   | 22                    | 823     | 8.30                 | 7,121     | 6,831              |
| ME                     | 20,520  | 1,782                        | 650  | 1,700                 | 18,170  | 6.05                 | 124,146   | 109,929            |
| MA                     | 650     | 59                           | 2  | 20                    | 628     | 7.20                 | 4,680     | 4,522              |
| MI                     | 9,240   | 735                          | 200  | 880                   | 8,160   | 6.65                 | 61,446    | 54,264             |
| MN                     | 14,280  | 1,141                        | 241  | 1,419                 | 12,620  | 5.60                 | 79,968    | 70,672             |
| MT                     | 2,492   | 209                          | 137  | 135                   | 2,220   | 8.60                 | 21,431    | 19,092             |
| NE                     | 2,837   | 209                          | 173  | 261                   | 2,403   | 6.05                 | 17,164    | 14,538             |
| NV                     | 2,345   | 140                          |  | 279                   | 2,066   | 7.30                 | 17,119    | 15,082             |
| NY-Long Is             | 1,950   | 132                          | 10   | 65                    | 1,875   | 7.00                 | 13,650    | 13,125             |
| -Upstate               | 5,940   | 506                          | 105  | 250                   | 5,585   | 7.55                 | 44,847    | 42,167             |
| ND                     | 16,675  | 2,403                        | 420  | 1,665                 | 14,590  | 5.70                 | 95,048    | 83,163             |
| OH                     | 1,911   | 160                          | 4  | 34                    | 1,873   | 6.65                 | 12,708    | 12,455             |
| OR-Malheur             | 2,520   | 154                          | 10   | 105                   | 2,405   | 4.90                 | 12,348    | 11,785             |
| -Other                 | 20,930  | 1,058                        | 275  | 2,335                 | 18,320  | 5.60                 | 117,208   | 102,592            |
| PA                     | 5,400   | 399                          | 76   | 280                   | 5,044   | 7.55                 | 40,770    | 38,082             |
| RI                     | 270     | 30                           | 1  | 4                     | 265     | 6.60                 | 1,779     | 1,746              |
| SD                     | 1,980   | 119                          | 20   | 80                    | 1,880   | 4.95                 | 9,801     | 9,306              |
| UT                     | 1,643   | 145                          | 53   | 158                   | 1,432   | 6.00                 | 9,858     | 8,592              |
| WA                     | 67,980  | 3,312                        | 300  | 4,300                 | 63,380  | 5.20                 | 353,496   | 329,576            |
| WI                     | 23,075  | 1,292                        | 210  | 550                   | 22,315  | 5.50                 | 126,913   | 122,733            |
| WY                     | 561     | 48                           | 14   | 102                   | 445     | 6.30                 | 3,534     | 2,804              |
| Total                  | 352,507 | 23,949                       | 5,679  | 26,795                | 320,033 | 5.42                 | 1,909,414 | 1,734,473          |
| US                     | 402,110 | 27,939                       | 5,949  | 28,329                | 367,832 | 6.08                 | 2,430,980 | 2,239,612          |

Potatoes: Annual Area Planted and Harvested,  
by State and United States 1988-90

| State        | Area Planted |         |         | Area Harvested |         |         |
|--------------|--------------|---------|---------|----------------|---------|---------|
|              | 1988         | 1989    | 1990    | 1988           | 1989    | 1990    |
|              | 1,000 Acres  |         |         |                |         |         |
| AL           | 12.9         | 13.2    | 12.8    | 12.6           | 12.9    | 12.5    |
| AZ           | 5.3          | 5.8     | 6.9     | 5.3            | 5.8     | 6.9     |
| CA           | 47.2         | 48.7    | 50.3    | 47.2           | 48.7    | 50.3    |
| CO           | 66.2         | 68.8    | 72.8    | 65.6           | 68.2    | 72.2    |
| CT           | 0.6          | 0.4     | 1/      | 0.6            | 0.3     | 1/      |
| DE           | 8.4          | 7.7     | 8.2     | 8.4            | 7.2     | 8.2     |
| FL           | 36.9         | 43.6    | 45.5    | 36.1           | 42.6    | 44.7    |
| ID           | 350.0        | 355.0   | 405.0   | 347.0          | 353.0   | 403.0   |
| IL           | 3.5          | 3.4     | 3.4     | 3.2            | 3.3     | 3.1     |
| IN           | 4.9          | 4.4     | 4.3     | 4.2            | 4.0     | 3.9     |
| IA           | 1.8          | 1.5     | 1.7     | 1.7            | 1.5     | 1.0     |
| LA           | 0.5          | 0.4     | 1/      | 0.4            | 0.3     | 1/      |
| ME           | 81.0         | 81.0    | 81.0    | 80.0           | 80.0    | 76.0    |
| MD           | 2.3          | 2.1     | 1.8     | 2.3            | 1.8     | 1.8     |
| MA           | 2.7          | 2.6     | 2.6     | 2.6            | 2.5     | 2.6     |
| MI           | 46.5         | 43.5    | 46.0    | 43.0           | 40.0    | 44.5    |
| MN           | 75.9         | 73.4    | 75.2    | 74.7           | 72.3    | 74.1    |
| MO <u>2/</u> |              |         | 6.8     |                |         | 5.8     |
| MT           | 7.8          | 8.2     | 9.0     | 7.7            | 8.1     | 8.9     |
| NE           | 10.4         | 10.4    | 12.2    | 9.9            | 10.2    | 12.0    |
| NV           | 8.0          | 8.0     | 7.0     | 8.0            | 8.0     | 7.0     |
| NJ           | 5.3          | 4.9     | 4.5     | 5.2            | 4.8     | 4.4     |
| NM           | 10.3         | 11.6    | 12.0    | 10.2           | 11.5    | 10.0    |
| NY           | 33.4         | 30.0    | 29.0    | 32.3           | 28.8    | 28.5    |
| NC           | 16.0         | 17.7    | 18.0    | 15.8           | 17.0    | 17.6    |
| ND           | 140.0        | 140.0   | 150.0   | 135.0          | 137.0   | 145.0   |
| OH           | 9.5          | 8.5     | 8.0     | 8.7            | 7.9     | 7.8     |
| OR           | 46.0         | 51.0    | 54.0    | 45.0           | 50.0    | 53.0    |
| PA           | 21.5         | 21.0    | 23.0    | 20.5           | 20.5    | 22.5    |
| RI           | 1.2          | 1.2     | 1.1     | 1.2            | 1.2     | 1.1     |
| SD           | 11.0         | 10.0    | 9.0     | 10.0           | 9.0     | 9.0     |
| TN           | 1.0          | 0.6     | 1/      | 0.9            | 0.6     | 1/      |
| TX           | 15.9         | 18.4    | 19.0    | 15.2           | 16.3    | 16.8    |
| UT           | 6.8          | 6.3     | 6.3     | 6.6            | 6.1     | 6.2     |
| VA           | 14.0         | 13.0    | 11.0    | 12.8           | 12.0    | 11.0    |
| WA           | 115.0        | 118.0   | 133.0   | 115.0          | 118.0   | 132.0   |
| WI           | 63.0         | 68.5    | 67.0    | 62.5           | 68.0    | 65.0    |
| WY           | 2.0          | 2.2     | 2.3     | 1.9            | 2.1     | 2.2     |
| US           | 1,284.7      | 1,305.0 | 1,399.7 | 1,259.3        | 1,281.5 | 1,370.6 |

See footnotes on page 13.

Potatoes: Annual Yield and Production,  
by State and United States 1988-90

| State | Yield |      |      | Production |         |         |
|-------|-------|------|------|------------|---------|---------|
|       | 1988  | 1989 | 1990 | 1988       | 1989    | 1990    |
|       | Cwt   |      |      | 1,000 Cwt  |         |         |
| AL    | 108   | 199  | 155  | 1,355      | 2,571   | 1,943   |
| AZ    | 235   | 315  | 260  | 1,246      | 1,827   | 1,794   |
| CA    | 355   | 366  | 359  | 16,765     | 17,831  | 18,082  |
| CO    | 319   | 334  | 345  | 20,901     | 22,747  | 24,874  |
| CT    | 225   | 210  | 1/   | 135        | 63      | 1/      |
| DE    | 215   | 160  | 245  | 1,806      | 1,152   | 2,009   |
| FL    | 226   | 195  | 219  | 8,173      | 8,304   | 9,792   |
| ID    | 296   | 290  | 295  | 102,610    | 102,475 | 119,070 |
| IL    | 230   | 260  | 270  | 736        | 858     | 837     |
| IN    | 180   | 240  | 220  | 756        | 960     | 858     |
| IA    | 170   | 175  | 160  | 289        | 263     | 160     |
| LA    | 50    | 90   | 1/   | 20         | 27      | 1/      |
| ME    | 275   | 275  | 270  | 22,000     | 22,000  | 20,520  |
| MD    | 200   | 175  | 180  | 460        | 315     | 324     |
| MA    | 220   | 240  | 250  | 572        | 600     | 650     |
| MI    | 220   | 241  | 272  | 9,440      | 9,650   | 12,115  |
| MN    | 181   | 218  | 217  | 13,557     | 15,750  | 16,110  |
| MO 2/ |       |      | 165  |            |         | 957     |
| MT    | 280   | 275  | 280  | 2,156      | 2,228   | 2,492   |
| NE    | 285   | 306  | 292  | 2,818      | 3,126   | 3,499   |
| NV    | 310   | 325  | 335  | 2,480      | 2,600   | 2,345   |
| NJ    | 195   | 185  | 230  | 1,014      | 888     | 1,012   |
| NM    | 300   | 350  | 340  | 3,060      | 4,025   | 3,400   |
| NY    | 210   | 230  | 277  | 6,792      | 6,628   | 7,890   |
| NC    | 184   | 136  | 192  | 2,904      | 2,310   | 3,380   |
| ND    | 115   | 110  | 115  | 15,525     | 15,070  | 16,675  |
| OH    | 195   | 185  | 245  | 1,697      | 1,462   | 1,911   |
| OR    | 461   | 466  | 442  | 20,735     | 23,308  | 23,450  |
| PA    | 180   | 230  | 240  | 3,690      | 4,715   | 5,400   |
| RI    | 250   | 250  | 245  | 300        | 300     | 270     |
| SD    | 160   | 220  | 220  | 1,600      | 1,980   | 1,980   |
| TN    | 66    | 100  | 1/   | 59         | 60      | 1/      |
| TX    | 223   | 209  | 183  | 3,397      | 3,408   | 3,072   |
| UT    | 245   | 245  | 265  | 1,617      | 1,495   | 1,643   |
| VA    | 160   | 120  | 180  | 2,048      | 1,440   | 1,980   |
| WA    | 550   | 545  | 515  | 63,250     | 64,310  | 67,980  |
| WI    | 320   | 340  | 355  | 20,000     | 23,120  | 23,075  |
| WY    | 250   | 275  | 255  | 475        | 578     | 561     |
| US    | 283   | 289  | 293  | 356,438    | 370,444 | 402,110 |

1/ Estimates discontinued.  
2/ Estimates were begun in 1990.

Potatoes: Annual Production, Farm Disposition, Average Price,  
and Value, by State and United States, 1989 Crop

| State | Prod    | Farm Disposition             |                                       |                       |         | Price<br>per<br>Cwt | Value of           |           |
|-------|---------|------------------------------|---------------------------------------|-----------------------|---------|---------------------|--------------------|-----------|
|       |         | Total<br>Used<br>for<br>Seed | Where Grown<br>Seed,<br>Feed,<br>Home | Shrink<br>and<br>Loss | Sold    |                     | Prod               | Sales     |
|       |         | 1,000 Cwt                    |                                       |                       |         | Dols                | --- 1,000 Dols --- |           |
| AL    | 2,571   | 194                          | 14                                    | 83                    | 2,474   | 11.00               | 28,401             | 27,303    |
| AZ    | 1,827   | 124                          | 4                                     | 37                    | 1,786   | 8.30                | 15,164             | 14,824    |
| CA    | 17,831  | 1,017                        | 52                                    | 742                   | 17,037  | 11.40               | 203,038            | 194,847   |
| CO    | 22,747  | 1,690                        | 1,071                                 | 1,640                 | 20,036  | 8.10                | 184,899            | 162,483   |
| CT    | 63      |                              | 1                                     | 2                     | 60      | 7.10                | 447                | 426       |
| DE    | 1,152   | 123                          | 6                                     | 46                    | 1,100   | 12.50               | 14,400             | 13,750    |
| FL    | 8,304   | 1,170                        | 1                                     | 42                    | 8,261   | 15.50               | 129,043            | 128,323   |
| ID    | 102,475 | 7,900                        | 1,470                                 | 8,632                 | 92,373  | 7.10                | 727,573            | 655,848   |
| IL    | 858     | 72                           | 12                                    | 21                    | 825     | 6.05                | 5,191              | 4,991     |
| IN    | 960     | 84                           | 12                                    | 51                    | 897     | 8.10                | 7,776              | 7,266     |
| IA    | 263     | 24                           | 6                                     | 18                    | 239     | 6.15                | 1,617              | 1,470     |
| LA    | 27      |                              | 2                                     | 1                     | 24      | 13.00               | 351                | 312       |
| ME    | 22,000  | 1,701                        | 600                                   | 1,650                 | 19,750  | 7.55                | 166,100            | 149,113   |
| MD    | 315     | 25                           | 9                                     | 9                     | 297     | 10.20               | 3,213              | 3,029     |
| MA    | 600     | 51                           | 2                                     | 20                    | 578     | 8.35                | 5,010              | 4,826     |
| MI    | 9,650   | 952                          | 177                                   | 705                   | 8,768   | 8.20                | 79,498             | 72,229    |
| MN    | 15,750  | 1,291                        | 504                                   | 966                   | 14,280  | 6.05                | 95,414             | 86,705    |
| MT    | 2,228   | 189                          | 115                                   | 89                    | 2,024   | 8.25                | 18,381             | 16,698    |
| NE    | 3,126   | 266                          | 174                                   | 263                   | 2,689   | 7.95                | 24,795             | 21,337    |
| NV    | 2,600   | 140                          |                                       | 312                   | 2,288   | 8.70                | 22,620             | 19,906    |
| NJ    | 888     | 90                           | 6                                     | 27                    | 855     | 9.05                | 8,036              | 7,738     |
| NM    | 4,025   | 260                          | 28                                    | 237                   | 3,760   | 8.00                | 32,200             | 30,080    |
| NY    | 6,628   | 617                          | 124                                   | 259                   | 6,245   | 8.70                | 57,712             | 54,390    |
| NC    | 2,310   | 235                          | 44                                    | 70                    | 2,196   | 8.80                | 20,559             | 19,365    |
| ND    | 15,070  | 2,175                        | 375                                   | 1,435                 | 13,260  | 6.40                | 96,448             | 84,864    |
| OH    | 1,462   | 168                          | 12                                    | 60                    | 1,390   | 7.30                | 10,673             | 10,147    |
| OR    | 23,308  | 1,166                        | 180                                   | 2,125                 | 21,003  | 5.85                | 135,742            | 122,180   |
| PA    | 4,715   | 437                          | 71                                    | 165                   | 4,479   | 8.55                | 40,313             | 38,295    |
| RI    | 300     | 29                           | 1                                     | 10                    | 289     | 6.80                | 2,040              | 1,965     |
| SD    | 1,980   | 160                          | 30                                    | 90                    | 1,860   | 4.70                | 9,306              | 8,742     |
| TN    | 60      |                              | 5                                     | 4                     | 51      | 12.00               | 720                | 612       |
| TX    | 3,408   | 242                          | 25                                    | 131                   | 3,252   | 12.40               | 41,918             | 40,459    |
| UT    | 1,495   | 156                          | 51                                    | 136                   | 1,308   | 6.60                | 9,867              | 8,633     |
| VA    | 1,440   | 149                          | 1                                     | 50                    | 1,389   | 11.60               | 16,704             | 16,112    |
| WA    | 64,310  | 2,838                        | 300                                   | 4,100                 | 59,910  | 5.15                | 331,197            | 308,537   |
| WI    | 23,120  | 1,242                        | 231                                   | 694                   | 22,195  | 7.20                | 166,464            | 159,804   |
| WY    | 578     | 48                           | 6                                     | 52                    | 520     | 7.15                | 4,133              | 3,718     |
| US    | 370,444 | 27,025                       | 5,722                                 | 24,974                | 339,748 | 7.36                | 2,716,963          | 2,501,327 |

Potatoes: Annual Production, Farm Disposition, Average Price,  
and Value, by State and United States, 1990 Crop

| State | Prod    | Farm Disposition             |                                       |                       |         | Price<br>per<br>Cwt | Value of          |           |
|-------|---------|------------------------------|---------------------------------------|-----------------------|---------|---------------------|-------------------|-----------|
|       |         | Total<br>Used<br>for<br>Seed | Where Grown<br>Seed,<br>Feed,<br>Home | Shrink<br>and<br>Loss | Sold    |                     | Prod              | Sales     |
|       |         | 1,000 Cwt                    |                                       |                       |         | Dols                | --- 1,000 Dols -- |           |
| AL    | 1,943   | 166                          | 12                                    | 67                    | 1,864   | 9.85                | 19,027            | 18,316    |
| AZ    | 1,794   | 120                          | 5                                     | 36                    | 1,753   | 8.50                | 15,249            | 14,901    |
| CA    | 18,082  | 934                          | 55                                    | 930                   | 17,097  | 10.00               | 178,769           | 170,796   |
| CO    | 24,874  | 1,827                        | 1,143                                 | 2,810                 | 20,921  | 4.65                | 115,681           | 97,789    |
| DE    | 2,009   | 116                          | 10                                    | 80                    | 1,919   | 8.20                | 16,474            | 15,736    |
| FL    | 9,792   | 1,123                        | 1                                     | 49                    | 9,742   | 14.40               | 140,734           | 139,914   |
| ID    | 119,070 | 7,900                        | 1,595                                 | 8,803                 | 108,672 | 5.00                | 595,350           | 543,360   |
| IL    | 837     | 99                           | 13                                    | 21                    | 803     | 5.30                | 4,436             | 4,256     |
| IN    | 858     | 86                           | 13                                    | 22                    | 823     | 8.30                | 7,121             | 6,831     |
| IA    | 160     | 21                           | 5                                     | 11                    | 144     | 5.15                | 824               | 742       |
| ME    | 20,520  | 1,782                        | 650                                   | 1,700                 | 18,170  | 6.05                | 124,146           | 109,929   |
| MD    | 324     | 24                           | 10                                    | 10                    | 304     | 9.40                | 3,046             | 2,858     |
| MA    | 650     | 59                           | 2                                     | 20                    | 628     | 7.20                | 4,680             | 4,522     |
| MI    | 12,115  | 975                          | 240                                   | 1,160                 | 10,715  | 6.60                | 79,990            | 70,744    |
| MN    | 16,110  | 1,286                        | 245                                   | 1,504                 | 14,361  | 5.75                | 92,595            | 82,685    |
| MO    | 957     | 130                          | 1                                     | 10                    | 946     | 6.25                | 5,981             | 5,913     |
| MT    | 2,492   | 209                          | 137                                   | 135                   | 2,220   | 8.60                | 21,431            | 19,092    |
| NE    | 3,499   | 264                          | 199                                   | 288                   | 3,012   | 6.45                | 22,460            | 19,410    |
| NV    | 2,345   | 140                          |                                       | 279                   | 2,066   | 7.30                | 17,119            | 15,082    |
| NJ    | 1,012   | 74                           | 5                                     | 30                    | 977     | 9.20                | 9,310             | 8,988     |
| NM    | 3,400   | 240                          | 26                                    | 204                   | 3,170   | 8.30                | 28,220            | 26,311    |
| NY    | 7,890   | 638                          | 115                                   | 315                   | 7,460   | 7.40                | 58,497            | 55,292    |
| NC    | 3,380   | 245                          | 50                                    | 102                   | 3,228   | 5.75                | 19,620            | 18,581    |
| ND    | 16,675  | 2,403                        | 420                                   | 1,665                 | 14,590  | 5.70                | 95,048            | 83,163    |
| OH    | 1,911   | 160                          | 4                                     | 34                    | 1,873   | 6.65                | 12,708            | 12,455    |
| OR    | 23,450  | 1,212                        | 285                                   | 2,440                 | 20,725  | 5.50                | 129,556           | 114,377   |
| PA    | 5,400   | 399                          | 76                                    | 280                   | 5,044   | 7.55                | 40,770            | 38,082    |
| RI    | 270     | 30                           | 1                                     | 4                     | 265     | 6.60                | 1,779             | 1,746     |
| SD    | 1,980   | 119                          | 20                                    | 80                    | 1,880   | 4.95                | 9,801             | 9,306     |
| TX    | 3,072   | 212                          | 32                                    | 61                    | 2,979   | 15.70               | 48,145            | 46,785    |
| UT    | 1,643   | 145                          | 53                                    | 158                   | 1,432   | 6.00                | 9,858             | 8,592     |
| VA    | 1,980   | 149                          | 2                                     | 69                    | 1,909   | 9.40                | 18,612            | 17,945    |
| WA    | 67,980  | 3,312                        | 300                                   | 4,300                 | 63,380  | 5.20                | 353,496           | 329,576   |
| WI    | 23,075  | 1,292                        | 210                                   | 550                   | 22,315  | 5.50                | 126,913           | 122,733   |
| WY    | 561     | 48                           | 14                                    | 102                   | 445     | 6.30                | 3,534             | 2,804     |
| US    | 402,110 | 27,939                       | 5,949                                 | 28,329                | 367,832 | 6.08                | 2,430,980         | 2,239,612 |

Potatoes: Number of Potato Chip Plants and Quantity Used for Chipping,  
by Areas and U.S., and Quantity Used for Shoestring Potatoes,  
United States, 1989-90

| Area  | 1989 <sup>1/</sup> |           | 1990   |           |
|---|--------------------|-----------|--------|-----------|
|   | Plants             | Quantity  | Plants | Quantity  |
|   | Number             | 1,000 Cwt | Number | 1,000 Cwt |
| New England:<br>CT, ME, MA,<br>NH, RI, VT       | 9                  | 2,395     | 9      | 2,475     |
| Eastern:<br>DE, DC, MD, NJ,<br>NY, PA, VA       | 34                 | 10,035    | 33     | 10,075    |
| North Central:<br>MI, OH, WV                    | 24                 | 4,456     | 23     | 4,589     |
| Mid-Central:<br>KS, MO, NE                      | 9                  | 2,183     | 8      | 2,286     |
| Midwest:<br>IL, IN, IA, MN,<br>ND, SD, WI       | 23                 | 6,773     | 23     | 7,840     |
| Southeast:<br>AL, FL, GA, KY, LA,<br>MS, NC, TN | 20                 | 7,327     | 20     | 8,299     |
| Southwest:<br>AR, OK, TX                        | 7                  | 2,770     | 9      | 3,500     |
| Rocky Mountains:<br>CO, ID, MT<br>NM, UT, WY    | 8                  | 2,138     | 9      | 2,048     |
| West Coast:<br>AZ, CA, NV<br>OR, WA, HI         | 22                 | 4,642     | 22     | 4,887     |
| Total   | 156                | 42,719    | 156    | 45,999    |
| Shoestrings                                     |                    | 352       |        | 133       |
| Total Used For Chips<br>and Shoestrings         |                    | 43,071    |        | 46,132    |

<sup>1/</sup> Revised.



Potatoes: Utilization of 1987-90 Crops, United States

| Utilization Items                                       | Crop Year |         |                |         |
|---|-----------|---------|----------------|---------|
|   | 1987      | 1988    | 1989 <u>1/</u> | 1990    |
|   | 1,000 Cwt |         |                |         |
| Sales   |           |         |                |         |
| Table Stock   | 129,097   | 108,348 | 113,932        | 118,024 |
| Processing  |           |         |                |         |
| Chips and Shoestrings                                   | 40,593    | 44,539  | 43,071         | 46,132  |
| Dehydration   | 30,823    | 28,786  | 32,187         | 38,818  |
| Frozen French Fries                                     | 101,377   | 95,466  | 100,459        | 108,725 |
| Other Frozen Products                                   | 18,305    | 17,558  | 19,115         | 23,491  |
| Canned Products   | 2,958     | 2,941   | 3,138          | 2,511   |
| Other Canned Products<br>(Hash, Stews, Soups)           | 1,597     | 2,031   | 1,858          | 2,272   |
| Starch, Flour, and Other                                | 2,184     | 1,416   | 898            | 1,699   |
| Total   | 197,837   | 192,737 | 200,726        | 223,648 |
| Other Sales   |           |         |                |         |
| Livestock Feed  | 3,808     | 3,330   | 2,800          | 3,264   |
| Seed  | 21,023    | 21,146  | 22,290         | 22,896  |
| Total   | 24,831    | 24,476  | 25,090         | 26,160  |
| Total Sales   | 351,765   | 325,561 | 339,748        | 367,832 |
| Non-Sales   |           |         |                |         |
| Seed Used On Farms                                      |           |         |                |         |
| Where Grown   | 4,521     | 4,827   | 4,735          | 5,043   |
| Household Use and Used for<br>Feed On Farms Where Grown | 1,133     | 983     | 987            | 906     |
| Shrinkage and Loss                                      | 31,901    | 25,067  | 24,974         | 28,329  |
| Total Non-Sales   | 37,555    | 30,877  | 30,696         | 34,278  |
| Total Production  | 389,320   | 356,438 | 370,444        | 402,110 |

1/ Revised.

Potatoes: Quantity used for Processing 1/, Eight States, 1989-90 2/

| State and Crop Year    |      | To<br>Dec 1 | To<br>Jan 1 | To<br>Feb 1 |         |
|------------------------|------|-------------|-------------|-------------|---------|
| 1,000 Cwt              |      |             |             |             |         |
| ID & OR-Malheur Co     | 1989 | 22,200      | 28,140      | 34,240      |         |
|                        | 1990 | 24,780      | 31,100      | 37,550      |         |
| ME <u>3/</u>           | 1989 | 2,055       | 2,660       | 3,510       |         |
|                        | 1990 | 2,105       | 2,690       | 3,420       |         |
| WA & OR-Other          | 1989 | 23,635      | 28,015      | 33,170      |         |
|                        | 1990 | 24,480      | 29,830      | 35,170      |         |
| Other States <u>4/</u> | 1989 | 6,340       | 8,010       | 9,860       |         |
|                        | 1990 | 6,585       | 8,755       | 10,645      |         |
| Total                  | 1989 | 54,230      | 66,825      | 80,780      |         |
|                        | 1990 | 57,950      | 72,375      | 86,785      |         |
|                        |      | To<br>Mar 1 | To<br>Apr 1 | To<br>May 1 | Total   |
| 1,000 Cwt              |      |             |             |             |         |
| ID & OR-Malheur Co     | 1989 | 40,270      | 46,330      | 51,810      | 66,010  |
|                        | 1990 | 44,220      | 51,030      | 58,660      | 78,500  |
| ME <u>3/</u>           | 1989 | 4,000       | 4,620       | 5,210       | 6,900   |
|                        | 1990 | 3,900       | 4,460       | 5,120       | 6,750   |
| WA & OR-Other          | 1989 | 38,610      | 44,510      | 49,595      | 57,695  |
|                        | 1990 | 39,950      | 45,600      | 50,780      | 61,450  |
| Other States <u>4/</u> | 1989 | 11,535      | 13,240      | 15,100      | 20,610  |
|                        | 1990 | 12,595      | 14,805      | 17,360      | 24,005  |
| Total                  | 1989 | 94,415      | 108,700     | 121,715     | 151,215 |
|                        | 1990 | 100,665     | 115,895     | 131,920     | 170,705 |

1/ Total quantity received and used for processing regardless of the state in which the potatoes were produced. Amount excludes quantities used for potato chips in ME, MI, MN, ND, and WI.

2/ 1989 revised.

3/ Includes Maine grown potatoes only.

4/ MI, MN, ND, and WI.

Potatoes: Stocks Held by Growers, Local Dealers, and Processors  
15 Fall States, 1989-90

| Crop Year<br>and<br>State | Current   | Following Year |         |         |         |        |
|---------------------------|-----------|----------------|---------|---------|---------|--------|
|                           | Year      | Dec 1          | Jan 1   | Feb 1   | Mar 1   | Apr 1  |
| 1989                      | 1,000 Cwt |                |         |         |         |        |
| CA                        | 4,600     | 3,900          | 3,200   | 2,500   | 1,800   | 1,100  |
| CO                        | 15,650    | 13,750         | 11,700  | 9,850   | 7,600   | 5,600  |
| ID                        | 70,500    | 61,500         | 53,000  | 44,500  | 35,000  | 22,000 |
| ME                        | 16,000    | 13,600         | 10,900  | 8,500   | 5,400   | 2,800  |
| MI                        | 4,000     | 3,200          | 2,200   | 1,600   | 800     | 400    |
| MN                        | 8,900     | 7,500          | 6,300   | 4,800   | 3,400   | 1,600  |
| MT                        | 2,100     | 2,000          | 1,900   | 1,800   | 1,100   | 100    |
| BE                        | 1,450     | 1,200          | 900     | 650     | 340     | 170    |
| NY-Long Island            | 800       | 400            | 200     | 2/100   | 2/30    | 2/     |
| -Upstate                  | 2,300     | 1,700          | 1,300   | 900     | 500     | 2/255  |
| ND                        | 11,000    | 9,500          | 7,800   | 5,800   | 3,600   | 2,200  |
| OH                        | 350       | 200            | 90      | 2/      | 2/      | 2/     |
| OR                        | 13,800    | 12,100         | 10,000  | 7,800   | 5,900   | 4,100  |
| PA                        | 2,900     | 2,200          | 1,600   | 1,100   | 750     | 250    |
| WA                        | 34,500    | 30,400         | 25,100  | 20,000  | 13,100  | 7,100  |
| WI                        | 13,200    | 10,400         | 8,100   | 6,700   | 5,000   | 3,000  |
| Total 15 States           | 202,050   | 173,550        | 144,290 | 116,600 | 84,320  | 50,675 |
| 1990 <sup>1/</sup>        | 1,000 Cwt |                |         |         |         |        |
| CA                        | 4,700     | 3,800          | 3,100   | 2,600   | 2,000   | 1,300  |
| CO                        | 16,550    | 14,400         | 11,800  | 9,950   | 7,700   | 5,650  |
| ID                        | 86,000    | 77,000         | 67,500  | 58,000  | 46,500  | 30,000 |
| ME                        | 14,900    | 12,900         | 10,400  | 8,300   | 5,400   | 2,800  |
| MI                        | 5,000     | 4,000          | 3,000   | 2,000   | 1,300   | 500    |
| MN                        | 10,200    | 9,000          | 8,000   | 6,800   | 5,000   | 3,000  |
| MT                        | 2,300     | 2,200          | 2,000   | 1,900   | 1,400   | 230    |
| NE                        | 1,850     | 1,550          | 1,150   | 900     | 470     | 210    |
| NY-Long Island            | 650       | 410            | 220     | 2/170   | 2/30    | 2/     |
| -Upstate                  | 2,500     | 1,800          | 1,000   | 600     | 250     | 2/100  |
| ND                        | 12,800    | 11,000         | 9,100   | 7,400   | 5,700   | 3,500  |
| OH                        | 550       | 350            | 180     | 2/      | 2/      | 2/     |
| OR                        | 15,600    | 13,000         | 10,400  | 8,300   | 6,200   | 4,000  |
| PA                        | 2,900     | 2,350          | 1,800   | 1,150   | 600     | 200    |
| WA                        | 35,500    | 29,500         | 24,500  | 19,800  | 14,000  | 8,900  |
| WI                        | 13,500    | 11,200         | 8,700   | 6,600   | 4,600   | 2,650  |
| Total 15 States           | 225,500   | 194,460        | 162,850 | 134,470 | 101,150 | 63,040 |

<sup>1/</sup> Revised.

<sup>2/</sup> Combined to prevent disclosure of individual operations.

Farm Marketings of Fall Potatoes, Selected States,  
1990 Marketing Year

| State          | Jul     | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul |
|----------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                | Percent |     |     |     |     |     |     |     |     |     |     |     |     |
| CO             |         |     | 3   | 9   | 10  | 10  | 12  | 9   | 12  | 11  | 12  | 8   | 4   |
| ID             |         | 3   | 14  | 17  | 6   | 8   | 6   | 7   | 10  | 9   | 8   | 8   | 4   |
| ME             |         | 1   | 7   | 9   | 16  | 10  | 13  | 11  | 15  | 12  | 6   |     |     |
| MI             |         | 4   | 10  | 15  | 14  | 14  | 14  | 10  | 10  | 6   | 3   |     |     |
| MN             |         |     | 26  | 23  | 7   | 6   | 6   | 5   | 8   | 15  | 3   | 1   |     |
| NY-Long Island |         | 14  | 16  | 18  | 19  | 12  | 10  | 7   | 3   | 1   |     |     |     |
| -Upstate       |         | 6   | 23  | 23  | 9   | 10  | 12  | 8   | 5   | 3   | 1   |     |     |
| ND             |         | 1   | 14  | 11  | 12  | 11  | 10  | 10  | 11  | 15  | 5   |     |     |
| OR-Malheur     |         |     | 23  | 21  | 4   | 49  | 1   | 1   | 1   |     |     |     |     |
| -Other         | 1       | 9   | 15  | 14  | 7   | 7   | 7   | 8   | 8   | 9   | 9   | 5   | 1   |
| PA             | 1       | 14  | 19  | 15  | 11  | 10  | 10  | 10  | 6   | 3   | 1   |     |     |
| WA             |         | 14  | 14  | 19  | 6   | 8   | 7   | 7   | 7   | 6   | 7   | 4   | 1   |
| WI             | 2       | 8   | 15  | 17  | 10  | 9   | 9   | 8   | 8   | 7   | 5   | 1   | 1   |

Farm Marketings of All Potatoes, United States, 1981-90

| Month | Marketing Year |       |       |       |       |       |       |       |       |       |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 1981           | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  |
|       | Percent        |       |       |       |       |       |       |       |       |       |
| Nov   | 0.1            |       | 0.1   | 0.1   |       | 0.1   |       | 0.1   | 0.1   | 0.1   |
| Dec   | 0.1            | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Jan   | 0.1            | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Feb   | 0.1            | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Mar   | 0.1            | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.1   | 0.2   |
| Apr   | 0.6            | 0.7   | 0.3   | 0.8   | 0.5   | 0.7   | 0.3   | 0.6   | 0.2   | 0.7   |
| May   | 2.2            | 2.1   | 2.0   | 2.6   | 2.6   | 2.3   | 2.1   | 2.3   | 2.7   | 2.2   |
| Jun   | 3.5            | 2.7   | 2.6   | 2.7   | 2.7   | 2.3   | 1.9   | 2.2   | 2.8   | 2.7   |
| Jul   | 3.1            | 2.9   | 2.7   | 3.2   | 3.0   | 3.2   | 3.1   | 2.6   | 2.9   | 3.1   |
| Aug   | 6.0            | 5.5   | 5.6   | 5.7   | 5.0   | 5.2   | 7.3   | 6.2   | 7.3   | 7.4   |
| Sep   | 10.2           | 10.1  | 11.1  | 10.8  | 10.5  | 11.6  | 11.7  | 11.8  | 13.6  | 12.7  |
| Oct   | 15.3           | 16.4  | 18.0  | 17.3  | 17.1  | 17.2  | 16.2  | 17.3  | 16.4  | 14.2  |
| Nov   | 8.2            | 8.1   | 8.1   | 7.4   | 7.3   | 6.5   | 7.3   | 8.0   | 8.0   | 7.5   |
| Dec   | 7.7            | 6.4   | 7.0   | 6.6   | 7.4   | 6.9   | 7.0   | 7.5   | 7.6   | 7.5   |
| Jan   | 8.2            | 7.8   | 7.3   | 7.5   | 7.0   | 6.4   | 7.1   | 6.9   | 6.9   | 7.0   |
| Feb   | 6.9            | 7.2   | 7.3   | 7.1   | 7.1   | 7.1   | 7.0   | 6.6   | 6.8   | 6.7   |
| Mar   | 8.9            | 9.0   | 9.0   | 8.8   | 7.8   | 8.2   | 7.8   | 8.5   | 8.5   | 8.2   |
| Apr   | 8.8            | 8.7   | 8.8   | 9.2   | 8.5   | 9.1   | 8.3   | 8.5   | 7.1   | 7.8   |
| May   | 5.2            | 6.3   | 5.1   | 6.1   | 7.0   | 7.1   | 5.8   | 5.5   | 4.5   | 6.0   |
| Jun   | 3.4            | 4.1   | 3.1   | 2.9   | 4.3   | 4.1   | 4.0   | 3.2   | 2.9   | 3.9   |
| Jul   | 1.3            | 1.5   | 1.4   | 0.7   | 1.7   | 1.5   | 2.6   | 1.7   | 1.3   | 1.8   |
| Total | 100.0          | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Potatoes: Area, Yield, Production, Farm Disposition, Season Average Price Received by Farmers, and Value, Alaska 1988-90

| Crop Year           | Area             |                 | Yield Per Cwt | Production       |                |       |       |
|---------------------|------------------|-----------------|---------------|------------------|----------------|-------|-------|
|                     | Planted          | Harvested       |               | Farm Disposition |                | Value |       |
|                     | Acres            |                 | Cwt           | 1,000 Cwt        |                |       |       |
| 1988                | 850              | 800             | 253           | 202              |                |       |       |
| 1989                | 850              | 840             | 233           | 196              |                |       |       |
| 1990                | 800              | 590             | 234           | 138              |                |       |       |
| Total Used for Seed | Where Grown      |                 |               | Sold             | Price Per Cwt  | Prod  | Sales |
|                     | Seed, Feed, Home | Shrink and Loss |               |                  |                |       |       |
|                     | 1,000 Cwt        |                 |               | Dols             | - 1,000 Dols - |       |       |
| 1988                | 13.6             | 23.0            | 51.0          | 128.0            | 16.70          | 3,373 | 2,138 |
| 1989                | 13.8             | 24.0            | 49.0          | 123.0            | 18.10          | 3,548 | 2,226 |
| 1990                | 12.0             | 28.0            | 14.0          | 96.0             | 19.90          | 2,746 | 1,910 |

Potatoes: Total Stocks Held by Growers and Local Dealers, Alaska 1988-90

| Crop Year | Oct 1 Current Year   | Dec 1 Current Year   | Jan 1 Following Year | Feb 1 Following Year |
|-----------|----------------------|----------------------|----------------------|----------------------|
|           | 1,000 Cwt            |                      |                      |                      |
| 1988      | 189.0                | 172.0                | 150.0                | 128.0                |
| 1989      | 184.0                | 151.0                | 134.0                | 119.0                |
| 1990      | 124.5                | 101.0                | 87.5                 | 72.0                 |
|           | Mar 1 Following Year | Apr 1 Following Year | May 1 Following Year | Jun 1 Following Year |
|           | 1,000 Cwt            |                      |                      |                      |
| 1988      | 109.0                | 93.0                 | 73.0                 | 47.0                 |
| 1989      | 103.0                | 84.0                 | 58.0                 | 24.0                 |
| 1990      | 54.5                 | 45.0                 | 34.0                 | 13.5                 |