

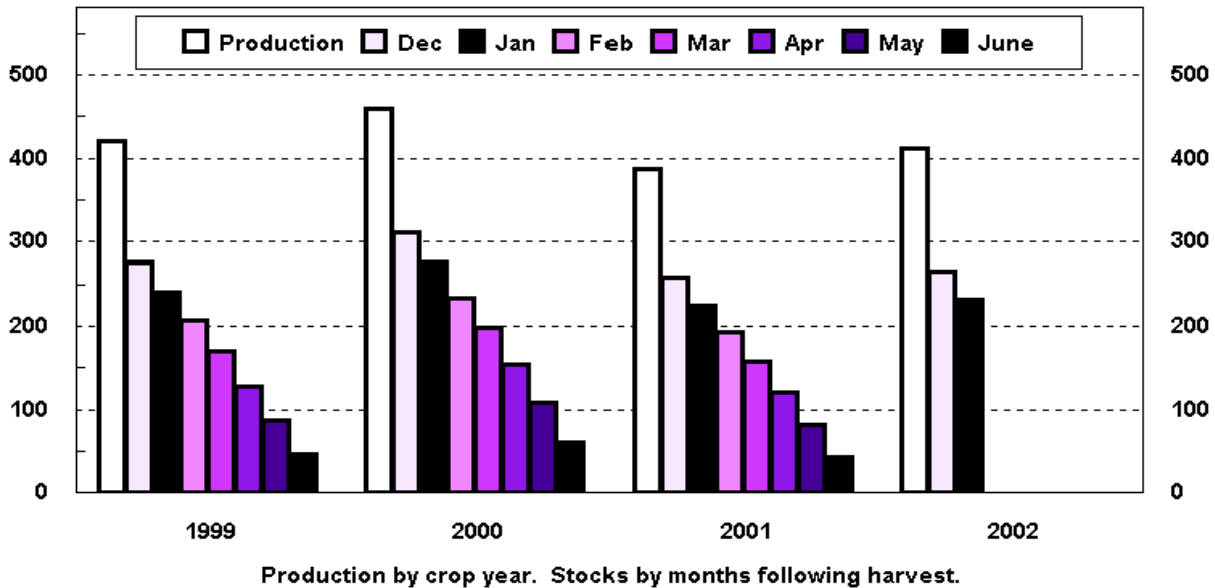
Released January 16, 2003, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Potato Stocks" call Arvin Budge at (202) 720-4285, office hours 7:30 a.m. to 4:00 p.m. ET.

## Potato Stocks Up 3 Percent

The 15 major potato States held 232 million cwt of potatoes in storage January 1, 2003, up 3 percent from last year but 16 percent below 2001. Storage accounts for 56 percent of the 2002 fall storage States' production, down 2 percentage points from last year. Stocks by type show more reds and fewer russets than a year ago. Disappearance of 179 million cwt, is up 10 percent from last year but 3 percent below 2000 crop movement. Shrink and loss of 18.4 million cwt so far in the season is up 6 percent from last year but 14 percent below the same date in 2000. Processors in the 9 major States used 92.8 million cwt of potatoes this season, up 15 percent from a year ago but 3 percent below two years ago. Dehydrating usage accounts for 19.7 million cwt of the total processing. December 1, 2002 stocks were revised up slightly, with changes in California and Pennsylvania. This report also contains size and grade information on potatoes collected from the Potato Objective Yield Survey.

**Fall Potatoes: Production and Stocks**  
15 Storage States

Mil Cwt



**Fall Potatoes: Production and Stocks, 15 Major States, 1993-2002**

| Crop Year         | Production       | Dec 1            | Jan 1            | Feb 1            | Mar 1            | Apr 1            | May 1            | Jun 1 <sup>1</sup> |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
|                   | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>   |
| 1993              | 376,954          | 249,410          | 217,300          | 185,490          | 153,435          | 115,170          | 72,860           |                    |
| 1994              | 410,839          | 273,290          | 238,560          | 202,470          | 169,570          | 129,825          | 87,600           |                    |
| 1995              | 394,785          | 256,710          | 223,550          | 189,360          | 156,020          | 115,855          | 75,870           |                    |
| 1996              | 443,704          | 295,100          | 261,320          | 226,080          | 189,210          | 147,635          | 103,210          |                    |
| 1997              | 413,513          | 278,830          | 246,550          | 212,562          | 175,870          | 134,190          | 92,840           |                    |
| 1998              | 423,170          | 280,910          | 246,230          | 209,640          | 173,650          | 131,220          | 87,895           | 50,270             |
| 1999              | 420,567          | 275,100          | 239,910          | 207,150          | 169,620          | 128,410          | 86,915           | 47,220             |
| 2000              | 458,827          | 310,300          | 275,270          | 234,260          | 197,670          | 153,520          | 109,160          | 61,240             |
| 2001              | 387,179          | 258,750          | 224,680          | 192,190          | 158,590          | 119,950          | 81,200           | 42,990             |
| 2002 <sup>2</sup> | 410,912          | 265,890          | 232,140          |                  |                  |                  |                  |                    |

<sup>1</sup> Data not available prior to 1998.

<sup>2</sup> December 1, 2002 stocks revised.

**Potatoes: Quantity Used for Processing, 9 States, 2000-2002 <sup>1</sup>**

| State and Crop Year     | Dec 1            | Jan 1            | Feb 1            | Mar 1            | Apr 1            | May 1            | Jun 1            | Season           |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                         | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| ID & OR-Mal             |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000                    | 29,290           | 35,720           | 43,470           | 50,580           | 58,910           | 66,760           | 75,270           | 93,460           |
| 2001                    | 20,940           | 27,330           | 33,620           | 40,860           | 47,710           | 54,150           | 61,200           | 73,390           |
| 2002                    | 28,380           | 34,860           |                  |                  |                  |                  |                  |                  |
| ME <sup>2</sup>         |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000                    | 1,845            | 2,475            | 3,105            | 3,695            | 4,225            | 4,760            | 5,340            | 7,015            |
| 2001                    | 1,975            | 2,440            | 3,110            | 3,700            | 4,285            | 4,775            | 5,515            | 7,195            |
| 2002                    | 2,275            | 2,720            |                  |                  |                  |                  |                  |                  |
| WA & OR-Oth             |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000                    | 34,770           | 40,970           | 47,720           | 55,250           | 62,860           | 69,850           | 78,010           | 91,130           |
| 2001                    | 29,320           | 35,310           | 40,540           | 47,910           | 54,970           | 61,360           | 69,400           | 77,180           |
| 2002                    | 33,680           | 39,490           |                  |                  |                  |                  |                  |                  |
| Oth Sts <sup>3</sup>    |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000                    | 12,665           | 16,215           | 18,975           | 22,095           | 25,410           | 28,695           | 31,765           | 39,020           |
| 2001                    | 13,270           | 15,325           | 19,060           | 22,255           | 24,865           | 28,095           | 30,810           | 36,300           |
| 2002                    | 13,275           | 15,720           |                  |                  |                  |                  |                  |                  |
| Total                   |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000                    | 78,570           | 95,380           | 113,270          | 131,620          | 151,405          | 170,065          | 190,385          | 230,625          |
| 2001                    | 65,505           | 80,405           | 96,330           | 114,725          | 131,830          | 148,380          | 166,925          | 194,065          |
| 2002                    | 77,610           | 92,790           |                  |                  |                  |                  |                  |                  |
| Dehydrated <sup>4</sup> |                  |                  |                  |                  |                  |                  |                  |                  |
| 2000 <sup>5</sup>       |                  |                  |                  |                  |                  |                  |                  | 51,946           |
| 2001 <sup>5</sup>       |                  |                  |                  |                  |                  |                  |                  | 38,581           |
| 2002                    | 15,660           | 19,655           |                  |                  |                  |                  |                  |                  |

<sup>1</sup> 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, CO, MI, and WI.

<sup>2</sup> Includes Maine grown potatoes only.

<sup>3</sup> MN, NV, ND, SD, and WI in 2000 and 2001. CO, MN, NV, ND, and WI in 2002.

<sup>4</sup> Dehydrated products except starch and flour. Included in above totals. Includes CO, ID, NV, ND, OR, WA, and WI.

<sup>5</sup> No monthly data available.

**Fall Potatoes: Production and Stocks on January 1, 2002-2003 <sup>1</sup>**

| State           | Crop of 2001     |                          |                 | Crop of 2002     |                          |                          |                     |
|-----------------|------------------|--------------------------|-----------------|------------------|--------------------------|--------------------------|---------------------|
|                 | Prod             | Stocks<br>Jan 1,<br>2002 | %<br>of<br>Prod | Prod             | Stocks<br>Dec 1,<br>2002 | Stocks<br>Jan 1,<br>2003 | Jan %<br>of<br>Prod |
|                 | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>         | <i>Percent</i>  | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>         | <i>1,000 Cwt</i>         | <i>Percent</i>      |
| CA <sup>2</sup> | 1,424            | 1,100                    | 77              | 4,450            | 2,000                    | 1,500                    | 34                  |
| CO              | 21,357           | 13,300                   | 62              | 27,885           | 20,100                   | 17,700                   | 63                  |
| ID              | 120,200          | 78,000                   | 65              | 133,385          | 92,000                   | 82,500                   | 62                  |
| ME              | 16,430           | 10,800                   | 66              | 16,960           | 12,600                   | 11,200                   | 66                  |
| MI              | 13,950           | 6,200                    | 44              | 13,878           | 7,900                    | 6,400                    | 46                  |
| MN              | 18,425           | 10,800                   | 59              | 18,700           | 12,000                   | 10,500                   | 56                  |
| MT              | 3,296            | 2,780                    | 84              | 3,224            | 3,050                    | 3,000                    | 93                  |
| NE              | 8,400            | 4,050                    | 48              | 8,611            | 5,650                    | 4,700                    | 55                  |
| NY              | 5,942            | 1,500                    | 25              | 5,500            | 2,500                    | 1,800                    | 33                  |
| ND              | 26,400           | 16,900                   | 64              | 23,460           | 16,000                   | 13,600                   | 58                  |
| OH              | 1,097            | 150                      | 14              | 1,008            | 190                      | 140                      | 14                  |
| OR              | 20,730           | 15,500                   | 75              | 24,936           | 18,000                   | 15,000                   | 60                  |
| PA <sup>2</sup> | 3,173            | 1,400                    | 44              | 2,590            | 1,400                    | 1,100                    | 42                  |
| WA              | 94,400           | 46,000                   | 49              | 95,200           | 53,000                   | 46,500                   | 49                  |
| WI              | 31,955           | 16,200                   | 51              | 31,125           | 19,500                   | 16,500                   | 53                  |
| 15 States       | 387,179          | 224,680                  | 58              | 410,912          | 265,890                  | 232,140                  | 56                  |

<sup>1</sup> Stocks include processor holdings and most of the seed to plant the following year's crop. Seed usage for all seasons in 2002 totaled 29.3 million cwt.

<sup>2</sup> December 1, 2002 stocks revised.

**Fall Potatoes: Stocks by Type as Percent of Total Stocks,  
11 Major States, January 1, 2002-2003**

| State     | Potato Types   |                |                |                |                |                |                |                |                |                |                |                |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | Reds           |                |                | Round Whites   |                |                | Long Whites    |                |                | Russets        |                |                |
|           | Jan<br>2002    | Dec<br>2002    | Jan<br>2003    | Jan<br>2002    | Dec<br>2002    | Jan<br>2003    | Jan<br>2002    | Dec<br>2002    | Jan<br>2003    | Jan<br>2002    | Dec<br>2002    | Jan<br>2003    |
|           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| CO        | 6              | 4              | 4              | 1              | 1              | 1              |                |                |                | 93             | 95             | 95             |
| ID        |                | 1              | 1              |                |                |                | 6              | 4              | 4              | 94             | 95             | 95             |
| ME        | 3              | 4              | 4              | 48             | 47             | 47             | 2              | 2              | 1              | 47             | 47             | 48             |
| MI        | 1              | 1              |                | 89             | 88             | 96             |                |                |                | 10             | 11             | 4              |
| MN        | 6              | 12             | 11             | 5              | 7              | 6              |                |                |                | 89             | 81             | 83             |
| NY        | 5              | 5              | 5              | 90             | 90             | 90             |                |                |                | 5              | 5              | 5              |
| ND        | 11             | 15             | 13             | 17             | 17             | 16             | 7              | 6              | 5              | 65             | 62             | 66             |
| OR        | 1              | 1              | 1              |                | 1              | 1              | 2              |                |                | 97             | 98             | 98             |
| PA        | 3              | 3              | 3              | 97             | 97             | 97             |                |                |                |                |                |                |
| WA        | 1              | 1              | 1              |                | 1              |                | 2              | 6              | 4              | 97             | 92             | 95             |
| WI        | 1              | 4              | 3              | 25             | 32             | 28             |                |                |                | 74             | 64             | 69             |
| 11 St Avg | 2              | 3              | 3              | 10             | 11             | 10             | 3              | 3              | 3              | 85             | 83             | 84             |

**Fall Potatoes: Production, January 1 Stocks, and Farm Disposition,  
15 Storage States and 23 Fall Season States, 1999-2002 Crop Years**

| State | Crop Year | Production       | Stocks Jan 1     | Total Used For Fall Seed | Farm Disposition     |                    |                  |
|-------|-----------|------------------|------------------|--------------------------|----------------------|--------------------|------------------|
|       |           |                  |                  |                          | Where Grown          |                    | Sold             |
|       |           |                  |                  |                          | Seed, Feed, Home Use | Shrinkage and Loss |                  |
|       |           | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>         | <i>1,000 Cwt</i>     | <i>1,000 Cwt</i>   | <i>1,000 Cwt</i> |
| CA    | 1999      | 4,005            | 2,700            | 183                      | 17                   | 383                | 3,605            |
|       | 2000      | 3,741            | 2,100            | 58                       | 11                   | 300                | 3,430            |
|       | 2001      | 1,424            | 1,100            | 231                      | 3                    | 128                | 1,293            |
|       | 2002      | 4,450            | 1,500            |                          |                      |                    |                  |
| CO    | 1999      | 25,762           | 17,300           | 1,971                    | 1,705                | 2,967              | 21,090           |
|       | 2000      | 27,972           | 17,700           | 1,771                    | 1,485                | 3,847              | 22,640           |
|       | 2001      | 21,357           | 13,300           | 1,790                    | 1,465                | 1,887              | 18,005           |
|       | 2002      | 27,885           | 17,700           |                          |                      |                    |                  |
| ID    | 1999      | 133,330          | 86,000           | 8,700                    | 1,150                | 9,300              | 122,880          |
|       | 2000      | 152,320          | 101,000          | 8,140                    | 1,190                | 13,718             | 137,412          |
|       | 2001      | 120,200          | 78,000           | 8,690                    | 1,230                | 8,261              | 110,709          |
|       | 2002      | 133,385          | 82,500           |                          |                      |                    |                  |
| ME    | 1999      | 17,813           | 13,000           | 1,408                    | 330                  | 1,850              | 15,633           |
|       | 2000      | 17,920           | 12,500           | 1,302                    | 315                  | 1,490              | 16,115           |
|       | 2001      | 16,430           | 10,800           | 1,344                    | 301                  | 849                | 15,280           |
|       | 2002      | 16,960           | 11,200           |                          |                      |                    |                  |
| MI    | 1999      | 14,963           | 7,100            | 1,005                    | 213                  | 1,300              | 13,450           |
|       | 2000      | 14,963           | 6,900            | 1,135                    | 250                  | 1,700              | 13,013           |
|       | 2001      | 13,950           | 6,200            | 1,181                    | 245                  | 945                | 12,760           |
|       | 2002      | 13,878           | 6,400            |                          |                      |                    |                  |
| MN    | 1999      | 18,020           | 9,000            | 1,254                    | 170                  | 1,980              | 15,870           |
|       | 2000      | 21,240           | 13,000           | 1,140                    | 130                  | 1,700              | 19,410           |
|       | 2001      | 18,425           | 10,800           | 1,159                    | 190                  | 1,700              | 16,535           |
|       | 2002      | 18,700           | 10,500           |                          |                      |                    |                  |
| MT    | 1999      | 3,325            | 3,100            | 276                      | 151                  | 213                | 2,961            |
|       | 2000      | 3,503            | 3,250            | 211                      | 133                  | 732                | 2,638            |
|       | 2001      | 3,296            | 2,780            | 225                      | 152                  | 188                | 2,956            |
|       | 2002      | 3,224            | 3,000            |                          |                      |                    |                  |
| NE    | 1999      | 8,904            | 4,320            | 621                      | 240                  | 711                | 7,953            |
|       | 2000      | 10,127           | 6,650            | 542                      | 182                  | 730                | 9,215            |
|       | 2001      | 8,400            | 4,050            | 557                      | 153                  | 720                | 7,527            |
|       | 2002      | 8,611            | 4,700            |                          |                      |                    |                  |
| NY    | 1999      | 6,758            | 2,500            | 484                      | 95                   | 323                | 6,340            |
|       | 2000      | 5,964            | 1,900            | 517                      | 108                  | 406                | 5,450            |
|       | 2001      | 5,942            | 1,500            | 495                      | 100                  | 502                | 5,340            |
|       | 2002      | 5,500            | 1,800            |                          |                      |                    |                  |

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**Fall Potatoes: Production, January 1 Stocks, and Farm Disposition,  
15 Storage States and 23 Fall Season States, 1999-2002 Crop Years (continued)**

| State    | Crop Year | Production       | Stocks Jan 1     | Total Used For Fall Seed | Farm Disposition     |                    |                  |
|----------|-----------|------------------|------------------|--------------------------|----------------------|--------------------|------------------|
|          |           |                  |                  |                          | Where Grown          |                    | Sold             |
|          |           |                  |                  |                          | Seed, Feed, Home Use | Shrinkage and Loss |                  |
|          |           | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>         | <i>1,000 Cwt</i>     | <i>1,000 Cwt</i>   | <i>1,000 Cwt</i> |
| ND       | 1999      | 26,400           | 13,800           | 2,232                    | 340                  | 4,600              | 21,460           |
|          | 2000      | 26,950           | 16,200           | 2,035                    | 295                  | 3,235              | 23,420           |
|          | 2001      | 26,400           | 16,900           | 2,340                    | 320                  | 3,960              | 22,120           |
|          | 2002      | 23,460           | 13,600           |                          |                      |                    |                  |
| OH       | 1999      | 987              | 190              | 88                       | 6                    | 60                 | 921              |
|          | 2000      | 1,134            | 170              | 102                      | 2                    | 35                 | 1,097            |
|          | 2001      | 1,097            | 150              | 90                       | 3                    | 36                 | 1,058            |
|          | 2002      | 1,008            | 140              |                          |                      |                    |                  |
| OR       | 1999      | 28,020           | 20,500           | 1,368                    | 239                  | 1,607              | 26,174           |
|          | 2000      | 30,683           | 23,000           | 957                      | 140                  | 1,915              | 28,628           |
|          | 2001      | 20,730           | 15,500           | 1,212                    | 175                  | 1,059              | 19,496           |
|          | 2002      | 24,936           | 15,000           |                          |                      |                    |                  |
| PA       | 1999      | 3,080            | 1,500            | 270                      | 31                   | 172                | 2,877            |
|          | 2000      | 3,510            | 1,500            | 252                      | 44                   | 165                | 3,301            |
|          | 2001      | 3,173            | 1,400            | 285                      | 59                   | 120                | 2,994            |
|          | 2002      | 2,590            | 1,100            |                          |                      |                    |                  |
| WA       | 1999      | 95,200           | 41,000           | 4,320                    | 300                  | 6,500              | 88,400           |
|          | 2000      | 105,000          | 52,000           | 3,960                    | 300                  | 9,500              | 95,200           |
|          | 2001      | 94,400           | 46,000           | 4,200                    | 300                  | 7,000              | 87,100           |
|          | 2002      | 95,200           | 46,500           |                          |                      |                    |                  |
| WI       | 1999      | 34,000           | 17,900           | 1,720                    | 310                  | 1,420              | 32,270           |
|          | 2000      | 33,800           | 17,400           | 1,700                    | 264                  | 1,949              | 31,587           |
|          | 2001      | 31,955           | 16,200           | 1,615                    | 278                  | 1,947              | 29,730           |
|          | 2002      | 31,125           | 16,500           |                          |                      |                    |                  |
| 15 Sts   | 1999      | 420,567          | 239,910          | 25,900                   | 5,297                | 33,386             | 381,884          |
|          | 2000      | 458,827          | 275,270          | 23,822                   | 4,849                | 41,422             | 412,556          |
|          | 2001      | 387,179          | 224,680          | 25,414                   | 4,974                | 29,302             | 352,903          |
|          | 2002      | 410,912          | 232,140          |                          |                      |                    |                  |
| Fall Sts | 1999      | 429,847          |                  | 26,449                   | 5,408                | 34,229             | 390,210          |
|          | 2000      | 467,504          |                  | 24,249                   | 4,968                | 42,257             | 420,279          |
|          | 2001      | 393,750          |                  | 25,834                   | 5,039                | 29,757             | 358,954          |
|          | 2002      | 417,228          |                  |                          |                      |                    |                  |

## Potato Size and Grade

Size and grade measurements came from potatoes harvested in the Objective Yield Survey sample plots. Potatoes were harvested from six hills per sample randomly selected in each State using a scientifically designed sampling procedure. Potatoes were sent to laboratories for sizing and grading according to accepted U.S. fresh grading standards. The following tables contain percent measurements as they actually occurred.

**Grading Categories of Potatoes, 2002 Crop <sup>1</sup>**

| Type and State                         | No. 1<br>2 Inch Minimum | No. 2 or<br>Processing Usable<br>1 1/2 Inch Minimum | Cull           | Total          |
|--|-------------------------|---|----------------|----------------|
|  | <i>Percent</i>          | <i>Percent</i>                                      | <i>Percent</i> | <i>Percent</i> |
| Round Red Potatoes                     |                         |   |                |                |
| MN                                     | 73.9                    | 18.4  | 7.7            | 100.0          |
| Round White Potatoes                   |                         |   |                |                |
| ME <sup>2</sup>                        | 82.8                    | 10.8  | 6.4            | 100.0          |
| MN                                     | 79.1                    | 10.5  | 10.4           | 100.0          |
| ND                                     | 88.7                    | 10.0  | 1.3            | 100.0          |
| WI <sup>3</sup>                        | 67.2                    | 14.3  | 18.5           | 100.0          |
| Long Potatoes:<br>(Russet and Shepody) |                         |   |                |                |
| ID <sup>4</sup>                        | 67.6                    | 31.3  | 1.1            | 100.0          |
| ME <sup>2</sup>                        | 76.0                    | 17.0  | 7.0            | 100.0          |
| MN                                     | 74.3                    | 22.5  | 3.2            | 100.0          |
| ND                                     | 78.3                    | 18.9  | 2.8            | 100.0          |
| OR                                     | 76.0                    | 23.3  | 0.7            | 100.0          |
| WA                                     | 72.0                    | 26.5  | 1.5            | 100.0          |
| WI <sup>3</sup>                        | 69.2                    | 15.2  | 15.6           | 100.0          |

<sup>1</sup> Gross yield basis.

<sup>2</sup> Percent of net yield - adjusted for field loss.

<sup>3</sup> 1 7/8 in. minimum for No. 2's. Culls include potatoes less than 1 7/8 in. but greater than or equal to 1 1/2 in.

<sup>4</sup> Russets only.

**Round Potatoes: Size Categories, 2002 Crop <sup>1</sup>**

| Type and State  | 1 1/2      | 1 7/8   | 2          | 2 1/4      | 2 1/2      | 3 1/2   | 4 Inch and over | Total   |
|-----------------|------------|---------|------------|------------|------------|---------|-----------------|---------|
|                 | -<br>1 7/8 | -<br>2  | -<br>2 1/4 | -<br>2 1/2 | -<br>3 1/2 | -<br>4  |                 |         |
|                 | Inches     |         |            |            |            |         |                 |         |
|                 | Percent    | Percent | Percent    | Percent    | Percent    | Percent | Percent         | Percent |
| Red Potatoes    |            |         |            |            |            |         |                 |         |
| MN              | 4.6        | 4.1     | 12.0       | 17.6       | 56.2       | 5.2     | 0.3             | 100.0   |
| White Potatoes  |            |         |            |            |            |         |                 |         |
| ME <sup>2</sup> | 3.9        | 4.3     | 14.4       | 21.5       | 49.9       | 4.4     | 1.6             | 100.0   |
| MN              | 4.7        | 3.5     | 9.3        | 15.4       | 60.1       | 6.5     | 0.5             | 100.0   |
| ND              | 3.8        | 3.0     | 9.0        | 14.2       | 63.1       | 6.3     | 0.6             | 100.0   |
| WI              | 5.8        | 3.5     | 14.3       | 17.4       | 54.7       | 3.8     | 0.5             | 100.0   |

<sup>1</sup> Gross yield basis.

<sup>2</sup> Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories, 2002 Crop**

| State           | 1 1/2      | 1 7/8   | 2 in. or 4-6 | 6-8     | 8-10    | 10-12   | 12-14   | 14 and Over | Total   |
|-----------------|------------|---------|--------------|---------|---------|---------|---------|-------------|---------|
|                 | -<br>1 7/8 | -<br>2  |              |         |         |         |         |             |         |
|                 | Inches     |         |              | Ounce   |         |         |         |             |         |
|                 | Percent    | Percent | Percent      | Percent | Percent | Percent | Percent | Percent     | Percent |
| ME <sup>1</sup> | 6.8        | 6.3     | 36.2         | 20.9    | 11.3    | 7.4     | 4.3     | 6.8         | 100.0   |

<sup>1</sup> Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories, 2002 Crop <sup>1</sup>**

| State           | 1 1/2      | 1 5/8      | 1 7/8  | 2 in. or 4-6 | 6     | 7    | 8   | 9   | 10  | 11  | 12  | 13  | 14 and Over | Total |
|-----------------|------------|------------|--------|--------------|-------|------|-----|-----|-----|-----|-----|-----|-------------|-------|
|                 | -<br>1 5/8 | -<br>1 7/8 | -<br>2 |              |       |      |     |     |     |     |     |     |             |       |
|                 | Inches     |            |        |              | Ounce |      |     |     |     |     |     |     |             |       |
|                 | Pct        | Pct        | Pct    | Pct          | Pct   | Pct  | Pct | Pct | Pct | Pct | Pct | Pct | Pct         | Pct   |
| ID <sup>2</sup> | 1.7        | 4.9        | 3.7    | 21.8         | 8.2   | 8.4  | 7.1 | 6.3 | 5.7 | 5.0 | 4.2 | 3.9 | 19.1        | 100.0 |
| MN              | 1.8        | 9.3        | 4.0    | 24.8         | 12.4  | 11.0 | 7.8 | 6.9 | 5.6 | 4.3 | 2.8 | 3.3 | 6.0         | 100.0 |
| ND              | 1.3        | 6.1        | 4.1    | 23.5         | 11.3  | 9.5  | 9.1 | 6.1 | 7.6 | 4.3 | 3.7 | 2.8 | 10.6        | 100.0 |
| OR              | 1.0        | 3.2        | 2.4    | 18.3         | 8.8   | 8.6  | 7.3 | 8.1 | 6.4 | 5.3 | 5.2 | 4.5 | 20.9        | 100.0 |
| WA              | 1.2        | 4.3        | 3.5    | 23.1         | 9.6   | 9.7  | 8.7 | 6.8 | 5.7 | 5.0 | 4.1 | 3.7 | 14.6        | 100.0 |
| WI              | 3.6        | 8.1        | 7.0    | 32.9         | 11.9  | 9.0  | 7.7 | 5.2 | 4.3 | 3.3 | 2.5 | 1.4 | 3.1         | 100.0 |

<sup>1</sup> Gross yield basis.

<sup>2</sup> Russets only.

**Fall Potatoes: Farm Marketings, Selected States,  
2000-2002 Marketing Years**

| State | Crop Year | Jul            | Aug            | Sep            | Oct            | Nov            | Dec            | Jan            | Feb            | Mar            | Apr            | May            | Jun            | Jul            |
|-------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|       |           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| CA    | 2000      |                |                |                | 5              | 12             | 14             | 10             | 12             | 9              | 10             | 10             | 11             | 7              |
|       | 2001      |                |                |                | 9              | 11             | 13             | 10             | 9              | 11             | 7              | 11             | 9              | 10             |
|       | 2002      |                |                |                |                | 15             | 11             | 17             | 17             | 22             | 18             |                |                |                |
| CO    | 2000      |                |                | 4              | 7              | 10             | 10             | 10             | 10             | 12             | 11             | 10             | 10             | 6              |
|       | 2001      |                |                | 5              | 8              | 10             | 10             | 11             | 8              | 11             | 11             | 12             | 9              | 5              |
|       | 2002      |                |                | 5              | 10             | 11             | 12             | 12             | 9              | 11             | 10             | 11             | 7              | 2              |
| ID    | 2000      |                | 3              | 15             | 18             | 6              | 6              | 5              | 7              | 9              | 10             | 9              | 6              | 6              |
|       | 2001      |                | 5              | 9              | 10             | 9              | 6              | 7              | 6              | 9              | 9              | 13             | 8              | 9              |
|       | 2002      |                | 3              | 12             | 13             | 8              | 6              | 7              | 9              | 10             | 10             | 10             | 6              | 6              |
| ME    | 2000      |                | 3              | 6              | 7              | 7              | 9              | 10             | 10             | 12             | 16             | 11             | 9              |                |
|       | 2001      |                | 2              | 8              | 8              | 7              | 9              | 9              | 12             | 12             | 15             | 10             | 5              | 3              |
|       | 2002      |                | 1              | 9              | 10             | 9              | 9              | 12             | 11             | 11             | 12             | 8              | 5              | 3              |
| MI    | 2000      | 3              | 7              | 8              | 9              | 15             | 12             | 9              | 9              | 9              | 11             | 6              | 2              |                |
|       | 2001      | 3              | 7              | 8              | 12             | 12             | 12             | 11             | 12             | 11             | 7              | 4              | 1              |                |
|       | 2002      | 3              | 7              | 8              | 12             | 11             | 12             | 13             | 11             | 11             | 8              | 3              | 1              |                |
| MN    | 2000      |                | 8              | 12             | 13             | 11             | 8              | 8              | 7              | 9              | 8              | 6              | 5              | 5              |
|       | 2001      | 2              | 8              | 8              | 7              | 6              | 5              | 6              | 7              | 10             | 11             | 12             | 18             |                |
|       | 2002      |                | 10             | 9              | 7              | 7              | 6              | 7              | 9              | 10             | 10             | 9              | 8              | 8              |
| NY    | 2000      |                | 4              | 21             | 18             | 11             | 9              | 10             | 8              | 9              | 10             |                |                |                |
|       | 2001      |                | 2              | 26             | 18             | 11             | 12             | 8              | 8              | 10             | 5              |                |                |                |
|       | 2002      |                | 4              | 20             | 18             | 17             | 15             | 9              | 7              | 6              | 4              |                |                |                |
| ND    | 2000      |                | 2              | 13             | 20             | 7              | 10             | 12             | 7              | 7              | 8              | 7              | 6              | 1              |
|       | 2001      |                | 4              | 21             | 11             | 10             | 5              | 8              | 5              | 9              | 11             | 8              | 8              |                |
|       | 2002      |                |                | 18             | 10             | 12             | 7              | 8              | 7              | 7              | 14             | 11             | 6              |                |
| OR    | 2000      | 2              | 13             | 10             | 21             | 7              | 6              | 7              | 8              | 7              | 7              | 7              | 3              | 2              |
|       | 2001      | 3              | 9              | 12             | 21             | 4              | 5              | 5              | 6              | 7              | 7              | 9              | 6              | 6              |
|       | 2002      |                | 7              | 13             | 21             | 8              | 6              | 5              | 7              | 7              | 8              | 8              | 7              | 3              |
| PA    | 2000      |                | 14             | 13             | 12             | 12             | 13             | 11             | 9              | 7              | 6              | 2              | 1              |                |
|       | 2001      |                | 14             | 13             | 12             | 12             | 13             | 11             | 9              | 7              | 6              | 2              | 1              |                |
|       | 2002      |                | 17             | 16             | 15             | 12             | 12             | 10             | 8              | 7              | 2              | 1              |                |                |
| WA    | 2000      |                | 17             | 14             | 24             | 6              | 6              | 5              | 5              | 6              | 5              | 6              | 5              | 1              |
|       | 2001      |                | 16             | 14             | 25             | 7              | 4              | 6              | 5              | 5              | 5              | 5              | 5              | 3              |
|       | 2002      |                | 11             | 13             | 25             | 7              | 6              | 5              | 7              | 7              | 6              | 7              | 5              | 1              |
| WI    | 2000      | 2              | 7              | 16             | 12             | 11             | 9              | 8              | 10             | 9              | 9              | 5              | 2              |                |
|       | 2001      | 1              | 7              | 15             | 14             | 11             | 8              | 8              | 9              | 10             | 10             | 5              | 2              |                |
|       | 2002      | 1              | 6              | 13             | 14             | 12             | 10             | 9              | 8              | 10             | 11             | 5              | 1              |                |



## January Potato Stocks Up 3 Percent

The 15 major potato States held 232 million cwt of potatoes on January 1, 2003, up 3 percent from last year but 16 percent below 2001. Storage accounts for 56 percent of the 2002 fall storage State's production, down 2 percentage points from last year. Stocks by type are 3 percent red, 10 percent round white, 3 percent long white (Shepody), and 84 percent russet. There are more reds and fewer russets than a year ago. December 1, 2002 stocks were revised up slightly, with changes in California and Pennsylvania.

Disappearance, at 179 million cwt, from the start of harvest to January 1, is up 10 percent from the same period last year but 3 percent below two years ago. December disappearance was 33.8 million cwt, down 1 percent from a year ago and 4 percent below two years ago. Shrink and loss, at 18.4 million cwt, is up 6 percent from last year and 14 percent below two years ago.

Processors used 92.8 million cwt of 2002 crop potatoes so far this season, up 15 percent from a year ago but 3 percent below two years ago. December usage of 15.2 million cut is 2 percent above last year but 10 percent below two years ago. Dehydrators used 19.7 million cwt to date.

Western States held 166 million cwt of potatoes in storage on January 1, up 6 percent from last year but 17 percent below two years ago. Idaho's potato stocks are up 6 percent from last year and Colorado's are up 33 percent. Adjustment in California's data places January stocks 36 percent above last year but 29 percent below two years ago. Washington's potato stocks are up 1 percent from last January, while Oregon's storage is down 3 percent. Montana's stocks are up 8 percent.

Central States account for 51.8 million cwt of potato stocks this January 1, down 5 percent from last year and 14 percent below two years ago. North Dakota's stocks dropped 20 percent, Ohio is down 7 percent, and Minnesota slipped 3 percent from a year earlier levels. Potato stocks in Nebraska are up 16 percent from last year, Michigan is up 3 percent, and Wisconsin gained 2 percent from last year's level.

Eastern States stored 14.1 million cwt of potatoes on January 1, up 3 percent from last year but 11 percent below the 2000 crop. Maine's stocks are up 4 percent and New York's are up 20 percent from a year ago. Stocks in Pennsylvania have dropped 21 percent from last year.

**Potatoes: Shrinkage and Loss, 15 Fall Storage States, 1999-2002**

| Crop Year | To Dec 1           | To Jan 1           | To Feb 1           | To Mar 1           | To Apr 1           | To May 1           | Total Jun 1        | Season             |
|-----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|           | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> |
| 1999      | 19.7               | 22.4               | 24.1               | 25.9               | 27.7               | 29.6               | 31.3               | 33.4               |
| 2000      | 18.7               | 21.3               | 26.3               | 29.2               | 33.1               | 36.0               | 38.4               | 41.4               |
| 2001      | 14.7               | 17.3               | 19.7               | 21.7               | 23.5               | 25.1               | 26.7               | 29.3               |
| 2002      | 16.2               | 18.4               |                    |                    |                    |                    |                    |                    |

## Reliability of January 1 Stocks Estimates

The "Root Mean Square Error" for the January 1 stocks estimate is 2.8 percent. This means that chances are 2 out of 3 that the current estimate of 232 million cwt will not be above or below the final estimate by more than 2.8 percent or approximately 6.5 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.8 percent or approximately 11.1 million cwt.

The 10-year (1993-2002) record of differences between the January 1 stocks estimates and the final estimates averaged 5.9 million cwt, ranging from 8.74 million cwt above the final to 14.3 million cwt below the final. During the 10-year period, the January 1 estimate has been below the final estimate 9 years and above 1 year.

### Fall Potato Stocks: Preliminary and Final January 1 Stocks, United States, 1992-2002

| Crop Year | Preliminary Stocks | % of Final     | Final Stocks     |
|-----------|--------------------|----------------|------------------|
|           | <i>1,000 Cwt</i>   | <i>Percent</i> | <i>1,000 Cwt</i> |
| 1992      | 201,690            | 93.4           | 215,990          |
| 1993      | 209,270            | 96.3           | 217,300          |
| 1994      | 229,350            | 96.1           | 238,560          |
| 1995      | 218,970            | 98.0           | 223,550          |
| 1996      | 256,520            | 98.2           | 261,320          |
| 1997      | 240,850            | 97.7           | 246,550          |
| 1998      | 246,220            | 100.0          | 246,230          |
| 1999      | 238,160            | 99.3           | 239,910          |
| 2000      | 272,960            | 99.2           | 275,270          |
| 2001      | 233,420            | 103.9          | 224,680          |
| 2002      | 232,140            |                |                  |

NOTE: Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 90.8 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 9.2 percent.

### Potatoes: Production, Sold, Not Sold, and Kept for Seed, United States, 1997-2002

| Crop Year | Fall Potatoes    |                  |                   |                  |                       | Amount Used for Seed All Seasons Following year |
|-----------|------------------|------------------|-------------------|------------------|-----------------------|---|
|           | Production       | Sold             | Sold as % of Prod | Not Sold         | Not Sold as % of Prod |   |
|           | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>Percent</i>    | <i>1,000 Cwt</i> | <i>Percent</i>        | <i>1,000 Cwt</i>                                |
| 1997      | 423,190          | 387,089          | 91.5              | 36,101           | 8.5                   | 29,975  |
| 1998      | 432,737          | 392,922          | 90.8              | 39,815           | 9.2                   | 29,217  |
| 1999      | 429,847          | 390,210          | 90.8              | 39,637           | 9.2                   | 29,709  |
| 2000      | 467,504          | 420,279          | 89.9              | 47,225           | 10.1                  | 27,145  |
| 2001      | 393,750          | 358,954          | 91.2              | 34,796           | 8.8                   | 29,251  |
| 2002      | 417,228          |                  |                   |                  |                       |   |

The next "Potato Stocks" report will be released at 3 p.m. ET on February 14, 2003.

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