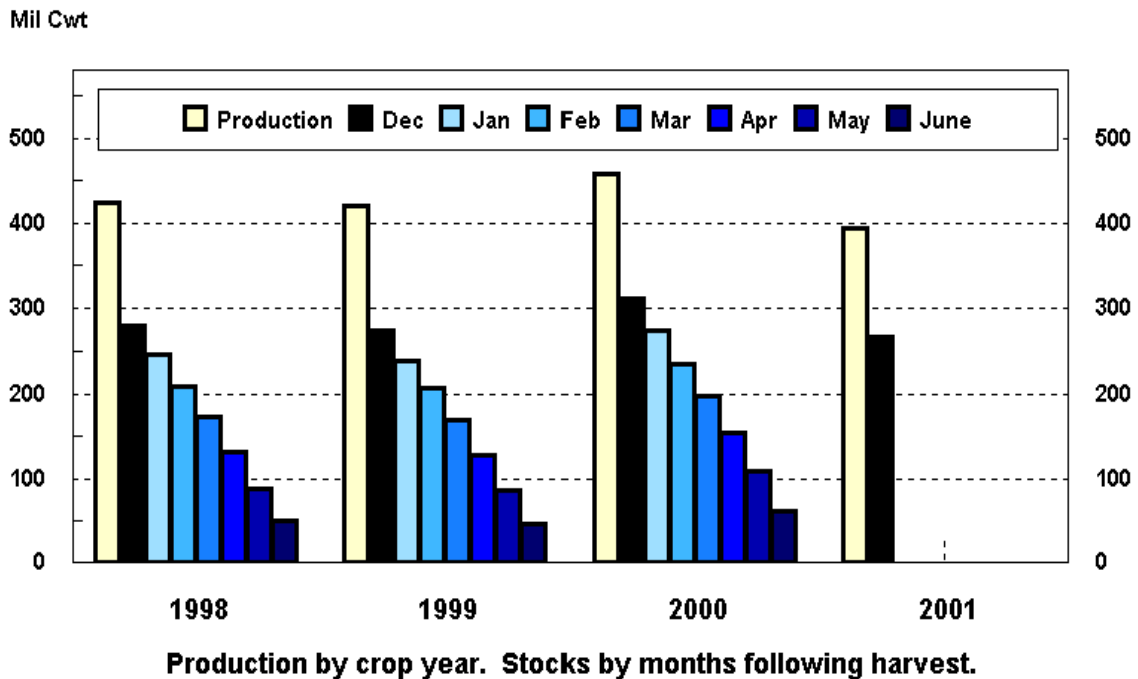


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## December 1 Potato Stocks and Production Both Off 14 Percent

December 1 potato stocks in the 15 storage States, at 267 million cwt, are down 14 percent from last year and 3 percent below 1999. This is the lowest December 1 stocks level since 1995. Seasonal disappearance of 127 million cwt in the 15 States is down 14 percent from last year. Processors used 64.9 million cwt so far this season, down 17 percent from last year. The December 1 fall potato production is forecast at 400 million cwt in the 22 fall States, down 14 percent from a year ago and 7 percent below 1999.

## Fall Potatoes: Production and Stocks 15 Storage States



**Fall Potatoes: Production and Stocks, 15 Major States, 1992-2001**

| 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>   |
| 1992      | 368,516          | 246,820          | 215,990          | 184,560          | 152,795          | 115,785          | 75,040           |                    |
| 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      | 393,621          | 266,520          |                  |                  |                  |                  |                  |                    |

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

**Potatoes: Quantity Used for Processing, 9 States, 1998-2001 <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> |
| <b>ID &amp; OR-Mal</b>      |                  |                  |                  |                  |                  |                  |                  |                  |
| 1998                        | 27,510           | 34,700           | 42,670           | 51,210           | 60,040           | 68,550           | 76,410           | 92,860           |
| 1999                        | 27,970           | 34,490           | 40,790           | 49,220           | 57,820           | 66,080           | 74,110           | 88,210           |
| 2000                        | 29,290           | 35,720           | 43,470           | 50,580           | 58,910           | 66,760           | 75,270           | 93,460           |
| 2001                        | 20,940           |                  |                  |                  |                  |                  |                  |                  |
| <b>ME <sup>2</sup></b>      |                  |                  |                  |                  |                  |                  |                  |                  |
| 1998                        | 1,430            | 1,935            | 2,530            | 2,985            | 3,595            | 4,180            | 4,705            | 5,945            |
| 1999                        | 1,270            | 1,700            | 2,385            | 3,070            | 3,765            | 4,560            | 5,150            | 6,670            |
| 2000                        | 1,845            | 2,475            | 3,105            | 3,695            | 4,225            | 4,760            | 5,340            | 7,015            |
| 2001                        | 1,935            |                  |                  |                  |                  |                  |                  |                  |
| <b>WA &amp; OR-Oth</b>      |                  |                  |                  |                  |                  |                  |                  |                  |
| 1998                        | 33,630           | 38,890           | 45,650           | 53,290           | 60,930           | 67,180           | 74,190           | 83,730           |
| 1999                        | 33,320           | 39,620           | 45,500           | 53,350           | 61,080           | 67,230           | 74,840           | 83,210           |
| 2000                        | 34,770           | 40,970           | 47,720           | 55,250           | 62,860           | 69,850           | 78,010           | 91,130           |
| 2001                        | 29,270           |                  |                  |                  |                  |                  |                  |                  |
| <b>Oth Sts <sup>3</sup></b> |                  |                  |                  |                  |                  |                  |                  |                  |
| 1998                        | 11,570           | 14,465           | 18,030           | 20,850           | 24,850           | 28,190           | 31,365           | 39,865           |
| 1999                        | 12,455           | 15,035           | 17,950           | 20,855           | 24,305           | 27,220           | 30,410           | 35,940           |
| 2000                        | 12,665           | 16,215           | 18,975           | 22,095           | 25,410           | 28,695           | 31,765           | 39,020           |
| 2001                        | 12,715           |                  |                  |                  |                  |                  |                  |                  |
| <b>Total</b>                |                  |                  |                  |                  |                  |                  |                  |                  |
| 1998                        | 74,140           | 89,990           | 108,880          | 128,335          | 149,415          | 168,100          | 186,670          | 222,400          |
| 1999                        | 75,015           | 90,845           | 106,625          | 126,495          | 146,970          | 165,090          | 184,510          | 214,030          |
| 2000                        | 78,570           | 95,380           | 113,270          | 131,620          | 151,405          | 170,065          | 190,385          | 230,625          |
| 2001                        | 64,860           |                  |                  |                  |                  |                  |                  |                  |

<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, MI, and WI.

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

<sup>3</sup> MN, NV, ND, SD, and WI in 2000 and 2001. MI, MN, ND, and WI in 1998 and 1999.

**Fall Potatoes: Production and Stocks, 15 Major States, December 1, 2000-2001 <sup>1</sup>**

| State     | Crop of 2000     |                          |                 | Crop of 2001     |                          |                 |
|-----------|------------------|--------------------------|-----------------|------------------|--------------------------|-----------------|
|           | Prod             | Stocks<br>Dec 1,<br>2000 | %<br>of<br>Prod | Prod             | Stocks<br>Dec 1,<br>2001 | %<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>Percent</i>  |
| CA        | 3,741            | 2,700                    | 72              | 1,113            | 1,000                    | 90              |
| CO        | 27,972           | 20,300                   | 73              | 21,357           | 15,600                   | 73              |
| ID        | 152,320          | 111,000                  | 73              | 127,980          | 95,000                   | 74              |
| ME        | 17,920           | 14,100                   | 79              | 16,120           | 12,100                   | 75              |
| MI        | 14,963           | 8,700                    | 58              | 14,030           | 8,200                    | 58              |
| MN        | 21,240           | 14,200                   | 67              | 18,425           | 12,000                   | 65              |
| MT        | 3,503            | 3,350                    | 96              | 3,040            | 2,950                    | 97              |
| NE        | 10,127           | 7,500                    | 74              | 8,512            | 4,850                    | 57              |
| NY        | 5,964            | 2,600                    | 44              | 5,942            | 2,900                    | 49              |
| ND        | 26,950           | 18,500                   | 69              | 26,400           | 19,500                   | 74              |
| OH        | 1,134            | 350                      | 31              | 984              | 220                      | 22              |
| OR        | 30,683           | 25,000                   | 81              | 20,190           | 17,500                   | 87              |
| PA        | 3,510            | 2,000                    | 57              | 3,173            | 1,700                    | 54              |
| WA        | 105,000          | 59,000                   | 56              | 94,400           | 53,000                   | 56              |
| WI        | 33,800           | 21,000                   | 62              | 31,955           | 20,000                   | 63              |
| 15 States | 458,827          | 310,300                  | 68              | 393,621          | 266,520                  | 68              |

<sup>1</sup> Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2001 totaled 27.4 million cwt.

**Fall Potatoes: Stocks by Type as Percent of Total Stocks,  
11 Selected States, December 1, 2000-2001**

| State     | Potato Types   |                |                |                |                |                |                |                |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|           | Reds           |                | Round Whites   |                | Long Whites    |                | Russets        |                |
|           | 2000           | 2001           | 2000           | 2001           | 2000           | 2001           | 2000           | 2001           |
|           | <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        | 5              | 6              | 2              | 1              |                |                | 93             | 93             |
| ID        |                |                |                |                | 6              | 6              | 94             | 94             |
| ME        | 4              | 4              | 46             | 48             | 3              | 3              | 47             | 45             |
| MI        | 2              | 1              | 86             | 90             |                |                | 12             | 9              |
| MN        | 13             | 8              | 4              | 5              | 1              |                | 82             | 87             |
| NY        | 5              | 5              | 90             | 90             |                |                | 5              | 5              |
| ND        | 12             | 13             | 15             | 17             | 6              | 7              | 67             | 63             |
| OR        | 1              | 1              |                |                | 2              | 2              | 97             | 97             |
| PA        | 3              | 3              | 97             | 97             |                |                |                |                |
| WA        | 1              | 1              | 1              | 1              | 6              | 4              | 92             | 94             |
| WI        | 2              | 5              | 37             | 12             |                |                | 61             | 83             |
| 11 St Avg | 3              | 3              | 10             | 9              | 4              | 4              | 83             | 84             |

**Fall Potatoes: Area Planted and Harvested by State, 1999-2001**

| State           | Area Planted       |                    |                    | Area Harvested     |                    |                    |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                 | 1999               | 2000               | 2001               | 1999               | 2000               | 2001               |
|                 | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| CA              | 9.0                | 8.7                | 2.5                | 9.0                | 8.7                | 2.5                |
| CO              | 77.2               | 75.8               | 68.1               | 76.9               | 75.6               | 67.8               |
| ID              | 395.0              | 415.0              | 370.0              | 393.0              | 413.0              | 368.0              |
| 10 SW Co        | 26.0               | 28.0               | 26.0               | 26.0               | 28.0               | 26.0               |
| Other ID        | 369.0              | 387.0              | 344.0              | 367.0              | 385.0              | 342.0              |
| IN              | 5.2                | 3.0                | 3.1                | 4.9                | 2.8                | 2.9                |
| ME              | 65.0               | 64.0               | 62.0               | 62.5               | 64.0               | 62.0               |
| MA              | 3.0                | 2.8                | 2.8                | 2.9                | 2.5                | 2.8                |
| MI              | 48.0               | 49.0               | 47.5               | 47.5               | 47.5               | 46.0               |
| MN              | 70.0               | 66.0               | 59.0               | 53.0               | 59.0               | 55.0               |
| MT              | 11.0               | 11.5               | 9.6                | 10.9               | 11.3               | 9.5                |
| NE <sup>1</sup> | 21.6               | 26.0               | 22.5               | 21.2               | 24.7               | 22.4               |
| NV              | 6.5                | 7.0                | 6.5                | 6.5                | 7.0                | 6.5                |
| NM              | 6.6                | 6.8                | 4.2                | 6.6                | 6.8                | 4.2                |
| NY              | 26.0               | 22.0               | 23.5               | 25.5               | 21.3               | 23.3               |
| ND              | 121.0              | 124.0              | 118.0              | 110.0              | 110.0              | 110.0              |
| OH              | 4.8                | 4.4                | 4.2                | 4.7                | 4.2                | 4.1                |
| OR              | 56.0               | 57.0               | 45.0               | 55.5               | 56.5               | 44.5               |
| Malheur         | 10.5               | 10.5               | 9.0                | 10.5               | 10.5               | 9.0                |
| Other OR        | 45.5               | 46.5               | 36.0               | 45.0               | 46.0               | 35.5               |
| PA              | 14.5               | 13.5               | 14.0               | 14.0               | 13.0               | 13.5               |
| RI              | 0.6                | 0.5                | 0.5                | 0.6                | 0.5                | 0.5                |
| SD              | 3.5                | 3.5                | 2.8                | 3.4                | 2.8                | 2.7                |
| UT              | 2.0                | 1.5                | 1.3                | 2.0                | 1.5                | 1.3                |
| WA              | 170.0              | 175.0              | 160.0              | 170.0              | 175.0              | 160.0              |
| WI              | 86.0               | 86.0               | 84.0               | 85.0               | 84.5               | 83.0               |
| WY <sup>2</sup> | 0.5                |                    |                    | 0.5                |                    |                    |
| Total           | 1,203.0            | 1,223.0            | 1,111.1            | 1,166.1            | 1,192.2            | 1,092.5            |

**Fall Potatoes: Yield and Production by State, 1999-2001**

| State           | Yield      |            |            | Production       |                  |                  |
|-----------------|------------|------------|------------|------------------|------------------|------------------|
|                 | 1999       | 2000       | 2001       | 1999             | 2000             | 2001             |
|                 | <i>Cwt</i> | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| CA              | 445        | 430        | 445        | 4,005            | 3,741            | 1,113            |
| CO              | 335        | 370        | 315        | 25,762           | 27,972           | 21,357           |
| ID              | 339        | 369        | 348        | 133,330          | 152,320          | 127,980          |
| 10 SW Co        | 470        | 490        | 450        | 12,220           | 13,720           | 11,700           |
| Other ID        | 330        | 360        | 340        | 121,110          | 138,600          | 116,280          |
| IN              | 270        | 280        | 320        | 1,323            | 784              | 928              |
| ME              | 285        | 280        | 260        | 17,813           | 17,920           | 16,120           |
| MA              | 255        | 255        | 265        | 740              | 638              | 742              |
| MI              | 315        | 315        | 305        | 14,963           | 14,963           | 14,030           |
| MN              | 340        | 360        | 335        | 18,020           | 21,240           | 18,425           |
| MT              | 305        | 310        | 320        | 3,325            | 3,503            | 3,040            |
| NE <sup>1</sup> | 420        | 410        | 380        | 8,904            | 10,127           | 8,512            |
| NV              | 440        | 450        | 360        | 2,860            | 3,150            | 2,340            |
| NM              | 380        | 400        | 340        | 2,508            | 2,720            | 1,428            |
| NY              | 265        | 280        | 255        | 6,758            | 5,964            | 5,942            |
| ND              | 240        | 245        | 240        | 26,400           | 26,950           | 26,400           |
| OH              | 210        | 270        | 240        | 987              | 1,134            | 984              |
| OR              | 505        | 543        | 454        | 28,020           | 30,683           | 20,190           |
| Malheur         | 440        | 425        | 350        | 4,620            | 4,463            | 3,150            |
| Other OR        | 520        | 570        | 480        | 23,400           | 26,220           | 17,040           |
| PA              | 220        | 270        | 235        | 3,080            | 3,510            | 3,173            |
| RI              | 225        | 275        | 270        | 135              | 138              | 135              |
| SD              | 290        | 290        | 240        | 986              | 812              | 648              |
| UT              | 290        | 290        | 265        | 580              | 435              | 345              |
| WA              | 560        | 600        | 590        | 95,200           | 105,000          | 94,400           |
| WI              | 400        | 400        | 385        | 34,000           | 33,800           | 31,955           |
| WY <sup>2</sup> | 295        |            |            | 148              |                  |                  |
| Total           | 369        | 392        | 366        | 429,847          | 467,504          | 400,187          |

<sup>1</sup> Summer estimates included with fall beginning in 2000.

<sup>2</sup> Estimates discontinued in 2000.

**Fall Potatoes: Production, December 1 Stocks, and Farm Disposition,  
15 Storage States and 23 Fall Season States, 1998-2001 Crop Years**

| State | Crop Year | Production       | Stocks Dec 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    | 1998      | 3,708            | 2,800            | 157                      | 29                   | 720                | 2,959            |
|       | 1999      | 4,005            | 3,200            | 183                      | 17                   | 383                | 3,605            |
|       | 2000      | 3,741            | 2,700            | 58                       | 11                   | 300                | 3,430            |
|       | 2001      | 1,113            | 1,000            |                          |                      |                    |                  |
| CO    | 1998      | 25,360           | 19,000           | 1,930                    | 1,615                | 2,615              | 21,130           |
|       | 1999      | 25,762           | 19,700           | 1,971                    | 1,705                | 2,967              | 21,090           |
|       | 2000      | 27,972           | 20,300           | 1,771                    | 1,485                | 3,847              | 22,640           |
|       | 2001      | 21,357           | 15,600           |                          |                      |                    |                  |
| ID    | 1998      | 138,000          | 99,500           | 8,300                    | 1,280                | 9,756              | 126,964          |
|       | 1999      | 133,330          | 96,000           | 8,700                    | 1,150                | 9,300              | 122,880          |
|       | 2000      | 152,320          | 111,000          | 8,140                    | 1,190                | 13,718             | 137,412          |
|       | 2001      | 127,980          | 95,000           |                          |                      |                    |                  |
| ME    | 1998      | 18,060           | 14,100           | 1,430                    | 360                  | 1,740              | 15,960           |
|       | 1999      | 17,813           | 14,500           | 1,408                    | 330                  | 1,850              | 15,633           |
|       | 2000      | 17,920           | 14,100           | 1,302                    | 315                  | 1,490              | 16,115           |
|       | 2001      | 16,120           | 12,100           |                          |                      |                    |                  |
| MI    | 1998      | 14,648           | 9,100            | 888                      | 200                  | 1,348              | 13,100           |
|       | 1999      | 14,963           | 8,800            | 1,005                    | 213                  | 1,300              | 13,450           |
|       | 2000      | 14,963           | 8,700            | 1,135                    | 250                  | 1,700              | 13,013           |
|       | 2001      | 14,030           | 8,200            |                          |                      |                    |                  |
| MN    | 1998      | 21,170           | 13,500           | 1,400                    | 254                  | 1,440              | 19,476           |
|       | 1999      | 18,020           | 10,600           | 1,254                    | 170                  | 1,980              | 15,870           |
|       | 2000      | 21,240           | 14,200           | 1,140                    | 130                  | 1,700              | 19,410           |
|       | 2001      | 18,425           | 12,000           |                          |                      |                    |                  |
| MT    | 1998      | 3,180            | 3,050            | 253                      | 145                  | 265                | 2,770            |
|       | 1999      | 3,325            | 3,200            | 276                      | 151                  | 213                | 2,961            |
|       | 2000      | 3,503            | 3,350            | 211                      | 133                  | 732                | 2,638            |
|       | 2001      | 3,040            | 2,950            |                          |                      |                    |                  |
| NE    | 1998      | 8,175            | 4,700            | 469                      | 166                  | 881                | 7,128            |
|       | 1999      | 8,904            | 5,300            | 621                      | 240                  | 711                | 7,953            |
|       | 2000      | 10,127           | 7,500            | 542                      | 182                  | 730                | 9,215            |
|       | 2001      | 8,512            | 4,850            |                          |                      |                    |                  |
| NY    | 1998      | 7,290            | 3,400            | 572                      | 110                  | 330                | 6,850            |
|       | 1999      | 6,758            | 3,500            | 484                      | 95                   | 323                | 6,340            |
|       | 2000      | 5,964            | 2,600            | 517                      | 108                  | 406                | 5,450            |
|       | 2001      | 5,942            | 2,900            |                          |                      |                    |                  |

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**Fall Potatoes: Production, December 1 Stocks, and Farm Disposition,  
15 Storage States and 23 Fall Season States, 1998-2001 Crop Years (continued)**

| State    | Crop Year | Production       | Stocks Dec 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       | 1998      | 28,670           | 20,500           | 2,178                    | 395                  | 2,840              | 25,435           |
|          | 1999      | 26,400           | 17,000           | 2,232                    | 340                  | 4,600              | 21,460           |
|          | 2000      | 26,950           | 18,500           | 2,035                    | 295                  | 3,235              | 23,420           |
|          | 2001      | 26,400           | 19,500           |                          |                      |                    |                  |
| OH       | 1998      | 1,200            | 260              | 100                      | 8                    | 37                 | 1,155            |
|          | 1999      | 987              | 300              | 88                       | 6                    | 60                 | 921              |
|          | 2000      | 1,134            | 350              | 102                      | 2                    | 35                 | 1,097            |
|          | 2001      | 984              | 220              |                          |                      |                    |                  |
| OR       | 1998      | 26,229           | 20,000           | 1,334                    | 195                  | 2,206              | 23,828           |
|          | 1999      | 28,020           | 22,000           | 1,368                    | 239                  | 1,607              | 26,174           |
|          | 2000      | 30,683           | 25,000           | 957                      | 140                  | 1,915              | 28,628           |
|          | 2001      | 20,190           | 17,500           |                          |                      |                    |                  |
| PA       | 1998      | 3,360            | 2,000            | 261                      | 50                   | 252                | 3,058            |
|          | 1999      | 3,080            | 2,000            | 270                      | 31                   | 172                | 2,877            |
|          | 2000      | 3,510            | 2,000            | 252                      | 44                   | 165                | 3,301            |
|          | 2001      | 3,173            | 1,700            |                          |                      |                    |                  |
| WA       | 1998      | 93,225           | 49,000           | 4,080                    | 300                  | 6,500              | 86,425           |
|          | 1999      | 95,200           | 48,000           | 4,320                    | 300                  | 6,500              | 88,400           |
|          | 2000      | 105,000          | 59,000           | 3,960                    | 300                  | 9,500              | 95,200           |
|          | 2001      | 94,400           | 53,000           |                          |                      |                    |                  |
| WI       | 1998      | 30,895           | 20,000           | 1,720                    | 265                  | 2,360              | 28,270           |
|          | 1999      | 34,000           | 21,000           | 1,720                    | 310                  | 1,420              | 32,270           |
|          | 2000      | 33,800           | 21,000           | 1,700                    | 264                  | 1,949              | 31,587           |
|          | 2001      | 31,955           | 20,000           |                          |                      |                    |                  |
| 15 Sts   | 1998      | 423,170          | 280,910          | 25,072                   | 5,372                | 33,290             | 384,508          |
|          | 1999      | 420,567          | 275,100          | 25,900                   | 5,297                | 33,386             | 381,884          |
|          | 2000      | 458,827          | 310,300          | 23,822                   | 4,849                | 41,422             | 412,556          |
|          | 2001      | 393,621          | 266,520          |                          |                      |                    |                  |
| Fall Sts | 1998      | 432,737          |                  | 25,657                   | 5,584                | 34,231             | 392,922          |
|          | 1999      | 429,847          |                  | 26,449                   | 5,408                | 34,229             | 390,210          |
|          | 2000      | 467,504          |                  | 24,249                   | 4,968                | 42,257             | 420,279          |
|          | 2001      | 400,187          |                  |                          |                      |                    |                  |

**Fall Potatoes: Farm Marketings, Selected States,  
1998-2000 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    | 1998      |                |                |                | 13             | 12             | 13             | 11             | 10             | 12             | 10             | 8              | 7              | 4              |
|       | 1999      |                |                |                | 5              | 12             | 14             | 10             | 12             | 9              | 10             | 10             | 11             | 7              |
|       | 2000      |                |                |                | 9              | 11             | 13             | 10             | 9              | 11             | 7              | 11             | 9              | 10             |
| CO    | 1998      |                |                | 5              | 8              | 9              | 12             | 10             | 10             | 12             | 11             | 10             | 9              | 4              |
|       | 1999      |                |                | 4              | 7              | 10             | 10             | 10             | 10             | 12             | 11             | 10             | 10             | 6              |
|       | 2000      |                |                | 5              | 8              | 10             | 10             | 11             | 8              | 11             | 11             | 12             | 9              | 5              |
| ID    | 1998      |                | 6              | 11             | 20             | 6              | 6              | 7              | 6              | 8              | 9              | 9              | 6              | 6              |
|       | 1999      |                | 3              | 15             | 18             | 6              | 6              | 5              | 7              | 9              | 10             | 9              | 6              | 6              |
|       | 2000      |                | 5              | 9              | 10             | 9              | 6              | 7              | 6              | 9              | 9              | 13             | 8              | 9              |
| ME    | 1998      |                | 1              | 7              | 9              | 9              | 9              | 10             | 11             | 14             | 12             | 9              | 9              |                |
|       | 1999      |                | 3              | 6              | 7              | 7              | 9              | 10             | 10             | 12             | 16             | 11             | 9              |                |
|       | 2000      |                | 2              | 8              | 8              | 7              | 9              | 9              | 12             | 12             | 15             | 10             | 5              | 3              |
| MI    | 1998      | 3              | 8              | 9              | 9              | 9              | 12             | 14             | 9              | 12             | 10             | 5              |                |                |
|       | 1999      | 3              | 7              | 8              | 9              | 15             | 12             | 9              | 9              | 9              | 11             | 6              | 2              |                |
|       | 2000      | 3              | 7              | 8              | 12             | 12             | 12             | 11             | 12             | 11             | 7              | 4              | 1              |                |
| MN    | 1998      |                | 11             | 16             | 14             | 10             | 5              | 7              | 6              | 8              | 9              | 6              | 8              |                |
|       | 1999      |                | 8              | 12             | 13             | 11             | 8              | 8              | 7              | 9              | 8              | 6              | 5              | 5              |
|       | 2000      | 2              | 8              | 8              | 7              | 6              | 5              | 6              | 7              | 10             | 11             | 12             | 18             |                |
| NY    | 1998      |                | 7              | 16             | 16             | 16             | 15             | 11             | 8              | 6              | 4              | 1              |                |                |
|       | 1999      |                | 4              | 21             | 18             | 11             | 9              | 10             | 8              | 9              | 10             |                |                |                |
|       | 2000      |                | 2              | 26             | 18             | 11             | 12             | 8              | 8              | 10             | 5              |                |                |                |
| ND    | 1998      |                | 3              | 13             | 14             | 10             | 10             | 8              | 7              | 7              | 9              | 10             | 6              | 3              |
|       | 1999      |                | 2              | 13             | 20             | 7              | 10             | 12             | 7              | 7              | 8              | 7              | 6              | 1              |
|       | 2000      |                | 4              | 21             | 11             | 10             | 5              | 8              | 5              | 9              | 11             | 8              | 8              |                |
| OR    | 1998      | 2              | 12             | 15             | 27             | 8              | 5              | 4              | 5              | 6              | 6              | 4              | 4              | 2              |
|       | 1999      | 2              | 13             | 10             | 21             | 7              | 6              | 7              | 8              | 7              | 7              | 7              | 3              | 2              |
|       | 2000      | 3              | 9              | 12             | 21             | 4              | 5              | 5              | 6              | 7              | 7              | 9              | 6              | 6              |
| PA    | 1998      |                | 14             | 12             | 11             | 12             | 15             | 11             | 9              | 7              | 6              | 2              | 1              |                |
|       | 1999      |                | 14             | 13             | 12             | 12             | 13             | 11             | 9              | 7              | 6              | 2              | 1              |                |
|       | 2000      |                | 14             | 13             | 12             | 12             | 13             | 11             | 9              | 7              | 6              | 2              | 1              |                |
| WA    | 1998      |                | 16             | 13             | 25             | 7              | 3              | 5              | 6              | 7              | 5              | 6              | 6              | 1              |
|       | 1999      |                | 17             | 14             | 24             | 6              | 6              | 5              | 5              | 6              | 5              | 6              | 5              | 1              |
|       | 2000      |                | 16             | 14             | 25             | 7              | 4              | 6              | 5              | 5              | 5              | 5              | 5              | 3              |
| WI    | 1998      | 1              | 6              | 18             | 13             | 10             | 10             | 10             | 9              | 9              | 8              | 4              | 2              |                |
|       | 1999      | 2              | 7              | 16             | 12             | 11             | 9              | 8              | 10             | 9              | 9              | 5              | 2              |                |
|       | 2000      | 1              | 7              | 15             | 14             | 11             | 8              | 8              | 9              | 10             | 10             | 5              | 2              |                |



**Potatoes: Harvest Loss by Type, Seven Objective Yield States, 2000-2001 <sup>1</sup>**

| State | Crop Year | Reds                | Whites              | Russets             | All Types           |
|-------|-----------|---------------------|---------------------|---------------------|---------------------|
|       |           | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> |
| ID    | 2000      |                     | 17                  | 27                  | 27                  |
|       | 2001      |                     | 13                  | 32                  | 31                  |
| ME    | 2000      | 11                  | 16                  | 14                  | 15                  |
|       | 2001      |                     | 12                  | 20                  | 16                  |
| MN    | 2000      | 11                  | 19                  | 26                  | 19                  |
|       | 2001      | 22                  | 4                   | 21                  | 20                  |
| ND    | 2000      | 26                  | 14                  | 42                  | 25                  |
|       | 2001      | 8                   | 23                  | 26                  | 22                  |
| OR    | 2000      |                     | 31                  | 26                  | 27                  |
|       | 2001      |                     | 15                  | 38                  | 36                  |
| WA    | 2000      |                     | 17                  | 24                  | 23                  |
|       | 2001      |                     |                     | 28                  | 30                  |
| WI    | 2000      | 20                  | 16                  | 15                  | 16                  |
|       | 2001      | 19                  | 18                  | 16                  | 17                  |

<sup>1</sup> Potatoes left in the field at time of harvest. Based on counts in potato fields selected for postharvest samples.

**Potatoes: Number of Hills by Type, Seven Objective Yield States, 2000-2001 <sup>1</sup>**

| State | Crop Year | Reds              |                        | Whites            |                        | Russets           |                        |
|-------|-----------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
|       |           | Number of Samples | Avg No. Hills per Acre | Number of Samples | Avg No. Hills per Acre | Number of Samples | Avg No. Hills per Acre |
| ID    | 2000      |                   |                        | 21                | 12,089                 | 274               | 12,087                 |
|       | 2001      | 3                 | 13,845                 | 19                | 12,389                 | 254               | 12,103                 |
| ME    | 2000      | 6                 | 14,122                 | 103               | 13,036                 | 62                | 9,717                  |
|       | 2001      | 5                 | 15,088                 | 82                | 13,413                 | 56                | 9,304                  |
| MN    | 2000      | 60                | 12,553                 | 22                | 11,373                 | 74                | 12,190                 |
|       | 2001      | 44                | 12,517                 | 15                | 10,949                 | 76                | 12,361                 |
| ND    | 2000      | 21                | 9,787                  | 48                | 9,865                  | 75                | 10,757                 |
|       | 2001      | 24                | 10,357                 | 45                | 9,929                  | 47                | 11,039                 |
| OR    | 2000      |                   |                        | 27                | 13,325                 | 120               | 13,288                 |
|       | 2001      |                   |                        | 19                | 13,537                 | 85                | 12,327                 |
| WA    | 2000      | 3                 | 18,293                 | 30                | 14,754                 | 154               | 14,076                 |
|       | 2001      | 9                 | 13,930                 | 9                 | 13,358                 | 155               | 14,066                 |
| WI    | 2000      | 11                | 12,871                 | 34                | 12,676                 | 67                | 11,689                 |
|       | 2001      | 13                | 15,851                 | 38                | 14,583                 | 77                | 12,573                 |

<sup>1</sup> Based on row measurements and counts in potato fields selected for objective yield samples.

## 2001 Potato Objective Yield Survey

The National Agricultural Statistics Service conducted potato objective yield surveys in the 7 major fall producing States in 2001. These 7 States account for 84 percent of the fall potato production. Sample plots were located in potato fields that were selected on a random basis using a scientifically designed sampling procedure. Field workers recorded counts and measurements. Survey data from the objective yield counts are presented in the previous tables. They are provided to show information about the crop and trends in production.

### Reliability of December 1 Production and Stocks Estimates

The "Root Mean Square Error" for the December 1 stocks estimate is 2.5 percent. This means that the chances are 2 out of 3 that the current estimate of 267 million cwt will not be above or below the final estimate by more than 2.5 percent or approximately 6.7 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.3 percent or approximately 11.5 million cwt.

Also shown is the 10-year (1991-2000) record of the differences between the December 1 production and stocks estimates and the final estimates. Using stocks again as an example, changes between the December 1 estimate and the final estimate during the 10 years have averaged 4.8 million cwt. During the 10-year period, the December 1 stocks estimates have been below the final estimate 9 out of 10 years. Production estimates have been below the final estimate 7 years and above 3 years.

#### Reliability of December 1 Fall Potato Estimates

| Estimate   | Root Mean Square Error |                      | Ten Year Record of Difference Between Dec 1 and Final Estimate |                    |                    |                    |                 |             |
|------------|------------------------|----------------------|--|--------------------|--------------------|--------------------|-----------------|-------------|
|            | Percent                | 90% Confidence Level |  | Quantity           |                    |                    | Number of Years |             |
|            |                        | Percent              | Quant  | Avg                | Small              | Large              | Below Final     | Above Final |
|            |                        |                      | <i>Million Cwt</i>   | <i>Million Cwt</i> | <i>Million Cwt</i> | <i>Million Cwt</i> |                 |             |
| Stocks     | 2.5                    | 4.3                  | 11.54  | 4.80               | 0.11               | 14.50              | 9               | 1           |
| Production | 1.7                    | 3.0                  | 11.82  | 5.18               | 0.28               | 13.46              | 7               | 3           |

#### Fall Potato Stocks: Preliminary and Final December 1 Stocks, United States, 1991-2001

| Crop Year | Preliminary Stocks | % of Final     | Final Stocks     |
|-----------|--------------------|----------------|------------------|
|           | <i>1,000 Cwt</i>   | <i>Percent</i> | <i>1,000 Cwt</i> |
| 1991      | 240,660            | 99.4           | 242,070          |
| 1992      | 232,320            | 94.1           | 246,820          |
| 1993      | 240,370            | 96.4           | 249,410          |
| 1994      | 264,090            | 96.6           | 273,290          |
| 1995      | 252,030            | 98.2           | 256,710          |
| 1996      | 291,650            | 98.8           | 295,100          |
| 1997      | 274,250            | 98.4           | 278,830          |
| 1998      | 281,020            | 100.0          | 280,910          |
| 1999      | 274,870            | 99.9           | 275,100          |
| 2000      | 309,520            | 99.7           | 310,300          |
| 2001      | 266,520            |                |                  |

**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 90.6 percent of the total fall production. Shrinkage and loss and home use accounted for the remaining 9.4 percent.

**Potatoes: Production, Sold, Not Sold, and Kept for Seed,  
United States, 1996-2001**

| 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>                                |
| 1996      | 454,388          | 408,247          | 89.8              | 46,141           | 10.2                  | 29,138  |
| 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                  | 27,435  |
| 2001      | 400,187          |                  |                   |                  |                       |   |

**Potatoes: Shrinkage and Loss, 15 Fall Storage States, 1998-2001**

| 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> |
| 1998      | 20.0               | 21.8               | 23.7               | 25.5               | 27.5               | 29.4               | 31.1               | 33.3               |
| 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      | 14.8               |                    |                    |                    |                    |                    |                    |                    |

## Potato Stocks Down 14 Percent

The 15 major potato States held 267 million cwt of potatoes on December 1, 2001, down 14 percent from last year and 7 percent below 1999. Storage accounted for 68 percent of the fall storage States 2001 production, the same percentage as last year. Stocks by type were 3 percent red, 9 percent round white, 4 percent long white (Shepody) and 84 percent russet; with a lower percentage of round whites and a higher percentage of russets than a year ago.

Disappearance, at 127 million cwt, from the start of harvest to December 1, is down 14 percent from the same period last year and 13 percent less than two years ago. Shrink and loss, at 14.8 million cwt, is down 21 percent from last year and 25 percent below two years ago.

Processors used 64.9 million cwt of 2001 crop potatoes so far this season, down 17 percent from a year ago and 14 percent below two years ago. Idaho and Malheur processing fell 29 percent while Washington and the rest of Oregon is down 16 percent from a year ago.

Eastern States stored 16.7 million cwt of potatoes on December 1, down 11 percent from last year and 16 percent below 1999. Maine's stocks were down 14 percent, and Pennsylvania's stocks declined 15 percent. New York's potato storage was above last year by 12 percent.

Central States accounted for 64.8 million cwt of potato stocks this December, down 8 percent from last year but 3 percent above two years ago. North Dakota's stocks are up 5 percent and the other five Central States are down from last year. Nebraska and Ohio stocks are off 35 percent and 37 percent, respectively. Minnesota's storage is down 15 percent and Michigan is off 6 percent from a year ago. Wisconsin's potato stocks are down 5 percent from last year.

Western States held 185 million cwt of potatoes in storage on December 1, a drop of 16 percent from last year and 4 percent below two years ago. The 2001 water shortage helped reduce California's potato stocks 63 percent and Oregon's 30 percent below last year. Colorado farmers stored 23 percent fewer potatoes this year than last. Idaho's potato stocks dropped 14 percent, while Washington's storage fell 10 percent from last year. Montana's seed storage decreased 12 percent.

## Fall Potato Production Down 14 Percent

Production of fall potatoes for 2001 is forecast at 400 million cwt, down 14 percent from last year and the smallest fall crop since 1993. Area harvested, at 1.09 million acres, is down 8 percent from last season. The average yield is forecast at 366 cwt per acre, a drop of 26 cwt from last year.

After a record high production last year, the fall potato crop is smaller in 20 of the 22 fall producing States. Only Indiana and Massachusetts have larger crops this year. Shortages of irrigation water severely reduced acreage in the Klamath Basin of California and Oregon. Hot, dry weather stretched across the north central States and to the east coast during midsummer but abated as rains came the last of August. Most States reported reduced yields from the hot weather when compared with the record high yields a year ago. Disease problems were held to a minimum. Harvest was completed on time with little or no major problem.

Ten Western States produced 272 million cwt of potatoes in 2001, down 17 percent from last year. Acreage harvested, at 664,300 acres, is down 12 percent while the average yield, at 410 cwt per acre, fell 26 cwt from a year ago. The lack of irrigation water dropped California fall potato production by 70 percent and Oregon by 34 percent from last year. Fall potato production in New Mexico fell 47 percent, with a sharp drop in acreage and yield. Idaho's production is 16 percent below last year's record high crop. Washington's potato crop declined 10 percent. Fall production in Colorado fell 24 percent, while Nevada dropped 26 percent. Utah's production is down 21 percent from a year ago and Montana's production is trimmed by 13 percent.

Eight Central States production is forecast at 102 million cwt this year, down 7 percent from last year. Harvested area is estimated at 326,100 acres, down 3 percent, while the average yield of 312 cwt per acre is off 15 cwt from a year ago. The Nebraska potato crop is down 16 percent from 2000 and South Dakota is off 20 percent. Production in Minnesota and Ohio are down 13 percent each while Michigan is down 6 percent from last year. North Dakota's production slipped 2 percent and Wisconsin dropped 5 percent, with lower yields reported. The only central State with better production than last year is Indiana, which is up 18 percent attributed to ideal growing conditions and a 4 percent increase in harvested acres.

Five Eastern States produced 26.1 million cwt of fall potatoes in 2001, down 7 percent from last year. Area for harvest totaled 102,100 acres, 1 percent above a year ago, but the average yield fell to 256 cwt per acre, 22 cwt below 2000. Production in Maine and Pennsylvania each dropped 10 percent from last year. New York declined less than 1 percent, and Rhode Island is off 2 percent. Massachusetts potato production is up 16 percent.

The next "Potato Stocks" report will be released at 3 p.m. ET on January 16, 2002.

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