

Mushrooms

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All Mushroom Sales Up 1 Percent, Value Down 1 Percent

Sales of the 2008-09 U.S. mushroom crop are 817 million pounds, up 1 percent from the 2007-08 season. Value of sales for the 2008-09 U.S. mushroom crop is \$957 million, down 1 percent from the previous season. The number of growers, at 285, is up 6 from last season. The average price is \$1.17 per pound, down 1 cent from 2007-08.

Volume of sales reported by growers of Agaricus mushrooms for fresh market is 679 million pounds, virtually unchanged from a year ago. Volume of sales of Agaricus mushrooms for processing is 123 million pounds, up 4 percent from last season. Value of sales for all Agaricus mushrooms totaled \$909 million, down 1 percent from the previous year and the 2006-07 season.

(Agaricus and specialty highlights continued on page 12)

Agaricus and Specialty Mushrooms: Number of Growers, Volume of Sales, Price, and Value of Sales, July 1, 2006 - June 30, 2009

| Year | Growers ¹ | All Sales | | |
|---------|----------------------|---------------------|------------------------------|----------------------|
| | | Volume of Sales | Price per Pound ² | Value of Sales |
| | <i>Number</i> | <i>1,000 Pounds</i> | <i>Dollars</i> | <i>1,000 Dollars</i> |
| 2006-07 | 280 | 828,002 | 1.160 | 961,446 |
| 2007-08 | 279 | 812,604 | 1.180 | 962,756 |
| 2008-09 | 285 | 816,974 | 1.170 | 957,028 |

¹ Number of growers counted once if growing both Agaricus and specialty mushrooms.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

**Agaricus Mushrooms: Area, Sales, Price, and Value by State
and United States, July 1, 2006 - June 30, 2009**

| State, Region, ¹ and Year | Area in Production | | Volume of Sales | Price per Pound ² | Value of Sales |
|---|--------------------------|--------------------------|-----------------------|------------------------------------|----------------------|
| | Growing Area | Total Fillings | | | |
| | <i>1,000 Square Feet</i> | <i>1,000 Square Feet</i> | <i>1,000 Pounds</i> | <i>Dollars</i> | <i>1,000 Dollars</i> |
| CA | | | | | |
| 2006-07 | 4,919 | 24,831 | 117,851 | 1.590 | 187,473 |
| 2007-08 | 4,399 | 21,764 | 118,811 | 1.600 | 189,615 |
| 2008-09 | 3,914 | 20,543 | 123,919 | 1.630 | 202,599 |
| PA | | | | | |
| 2006-07 | 16,761 | 83,587 | 496,566 | 0.891 | 442,292 |
| 2007-08 | 16,364 | 78,083 | 496,721 | 0.912 | 453,013 |
| 2008-09 | 16,635 | 80,869 | 524,587 | 0.881 | 461,936 |
| Oth Sts | | | | | |
| 2006-07 ⁴ | 8,221 | 37,325 | 199,432 | 1.430 | 285,796 |
| 2007-08 ⁵ | 6,201 | 36,164 | 181,816 | 1.510 | 274,979 |
| 2008-09 ⁶ | 5,666 | 32,677 | 153,017 | 1.600 | 244,543 |
| East | | | | | |
| 2006-07 | 19,053 | 97,188 | 573,013 | 0.949 | 543,837 |
| 2007-08 | 17,901 | 90,922 | 564,759 | 0.969 | 547,468 |
| 2008-09 | 17,951 | 91,719 | 568,219 | 0.926 | 526,404 |
| Central | | | | | |
| 2006-07 | 3,239 | 15,841 | 79,821 | 1.600 | 127,717 |
| 2007-08 | 3,233 | 15,822 | 77,059 | 1.640 | 126,684 |
| 2008-09 | 3,137 | 15,290 | 74,258 | 1.700 | 126,534 |
| West | | | | | |
| 2006-07 | 7,609 | 32,714 | 161,015 | 1.520 | 244,007 |
| 2007-08 | 5,830 | 29,267 | 155,530 | 1.570 | 243,455 |
| 2008-09 | 5,127 | 27,080 | 159,046 | 1.610 | 256,140 |
| US | | | | | |
| 2006-07 | 29,901 | 145,743 | 813,849 | 1.120 | 915,561 |
| 2007-08 | 26,964 | 136,011 | 797,348 | 1.150 | 917,607 |
| 2008-09 | 26,215 | 134,089 | 801,523 | 1.130 | 909,078 |

¹ Regions: East: DE, FL, NY, PA, and TN. Central: IL, MO, OK, TX, and WI. West: CA, CO, MT, OR, UT, and WA.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

³ Missing data not published to avoid disclosure of individual operations.

⁴ CO, CT, DE, FL, IL, MD, MT, NY, OK, OR, TN, TX, UT, and WI.

⁵ CO, DE, FL, IL, MD, MT, NY, OK, OR, TN, TX, UT, VT, WA, and WI.

⁶ CO, DE, FL, IL, MT, MO, NY, OK, OR, TN, TX, UT, WA, and WI.

**Agaricus Mushrooms: Utilization, Volume of Sales, Price, and Value
by Region and United States, July 1, 2006 - June 30, 2009**

| Year, State, Region ¹ | Fresh Market | | | Processing | | |
|--|-----------------------|------------------------------------|----------------------|-----------------------|------------------------------------|----------------------|
| | Volume of Sales | Price per Pound ² | Value of Sales | Volume of Sales | Price per Pound ² | Value of Sales |
| | <i>1,000 Lbs</i> | <i>Dollars</i> | <i>1,000 Dols</i> | <i>1,000 Lbs</i> | <i>Dollars</i> | <i>1,000 Dols</i> |
| 2006-07 | | | | | | |
| PA | 403,564 | 0.960 | 387,421 | 93,002 | 0.590 | 54,871 |
| Other East | 66,210 | 1.420 | 93,740 | 10,237 | 0.762 | 7,805 |
| East Total | 469,774 | 1.020 | 481,161 | 103,239 | 0.607 | 62,676 |
| Central Total | 69,696 | 1.690 | 118,038 | 10,125 | 0.956 | 9,679 |
| CA | 115,017 | 1.610 | 185,177 | 2,834 | 0.810 | 2,296 |
| Other West | 42,222 | 1.330 | 56,184 | 942 | 0.372 | 350 |
| West Total | 157,239 | 1.530 | 241,361 | 3,776 | 0.701 | 2,646 |
| US | 696,709 | 1.210 | 840,560 | 117,140 | 0.640 | 75,001 |
| 2007-08 | | | | | | |
| PA | 404,971 | 0.987 | 399,706 | 91,750 | 0.581 | 53,307 |
| Other East | 59,134 | 1.490 | 88,378 | 8,904 | 0.683 | 6,077 |
| East Total | 464,105 | 1.050 | 488,084 | 100,654 | 0.590 | 59,384 |
| Central Total | 67,111 | 1.760 | 117,781 | 9,948 | 0.895 | 8,903 |
| CA | 115,366 | 1.620 | 186,893 | 3,445 | 0.790 | 2,722 |
| Other West | 33,104 | 1.480 | 48,995 | 3,615 | 1.340 | 4,845 |
| West Total | 148,470 | 1.590 | 235,888 | 7,060 | 1.070 | 7,567 |
| US | 679,686 | 1.240 | 841,753 | 117,662 | 0.645 | 75,854 |
| 2008-09 | | | | | | |
| PA | 420,326 | 0.971 | 408,137 | 104,261 | 0.516 | 53,799 |
| Other East | 36,548 | 1.620 | 59,389 | 7,084 | 0.717 | 5,079 |
| East Total | 456,874 | 1.020 | 467,526 | 111,345 | 0.529 | 58,878 |
| Central Total | 64,898 | 1.820 | 117,951 | 9,360 | 0.917 | 8,583 |
| CA | 121,932 | 1.650 | 201,188 | 1,987 | 0.710 | 1,411 |
| Other West | 35,006 | 1.530 | 53,430 | 121 | 0.917 | 111 |
| West Total | 156,938 | 1.620 | 254,618 | 2,108 | 0.722 | 1,522 |
| US | 678,710 | 1.240 | 840,095 | 122,813 | 0.562 | 68,983 |

¹ Regions: East: DE, FL, NY, PA, and TN. Central: IL, MO, OK, TX, and WI. West: CA, CO, MT, OR, UT, and WA.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

**Agaricus Mushrooms: Number of Growers, Volume, Price, and Value of All Sales
by Region and United States, July 1, 2006 - June 30, 2009**

| Year, State, Region ¹ | Growers | All Sales | | |
|--|---------------|---------------------|---------------------------------|----------------------|
| | | Volume of Sales | Price per Pound ² | Value of Sales |
| | <i>Number</i> | <i>1,000 Pounds</i> | <i>Dollars</i> | <i>1,000 Dollars</i> |
| 2006-07 | | | | |
| PA | 73 | 496,566 | 0.891 | 442,292 |
| Other East | 10 | 76,447 | 1.330 | 101,545 |
| East Total | 83 | 573,013 | 0.949 | 543,837 |
| Central Total | 7 | 79,821 | 1.600 | 127,717 |
| CA | 20 | 117,851 | 1.590 | 187,473 |
| Other West | 7 | 43,164 | 1.310 | 56,534 |
| West Total | 27 | 161,015 | 1.520 | 244,007 |
| US | 117 | 813,849 | 1.120 | 915,561 |
| 2007-08 | | | | |
| PA | 69 | 496,721 | 0.912 | 453,013 |
| Other East | 7 | 68,038 | 1.390 | 94,455 |
| East Total | 76 | 564,759 | 0.969 | 547,468 |
| Central Total | 9 | 77,059 | 1.640 | 126,684 |
| CA | 18 | 118,811 | 1.600 | 189,615 |
| Other West | 8 | 36,719 | 1.470 | 53,840 |
| West Total | 26 | 155,530 | 1.570 | 243,455 |
| US | 111 | 797,348 | 1.150 | 917,607 |
| 2008-09 | | | | |
| PA | 71 | 524,587 | 0.881 | 461,936 |
| Other East | 7 | 43,632 | 1.480 | 64,468 |
| East Total | 78 | 568,219 | 0.926 | 526,404 |
| Central Total | 9 | 74,258 | 1.700 | 126,534 |
| CA | 23 | 123,919 | 1.630 | 202,599 |
| Other West | 6 | 35,127 | 1.520 | 53,541 |
| West Total | 29 | 159,046 | 1.610 | 256,140 |
| US | 116 | 801,523 | 1.130 | 909,078 |

¹ Regions: East: DE, FL, NY, PA, and TN. Central: IL, MO, OK, TX, and WI. West: CA, CO, MT, OR, UT, and WA.

² Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

**Agaricus Mushrooms: Yield and Dollar Volume per Square Foot
of Growing Area, by State and United States,
July 1, 2006 - June 30, 2009**

| State and Region ¹ | Yield per Square Foot | | |
|-------------------------------|-------------------------------|----------------|----------------|
| | 2006-07 | 2007-08 | 2008-09 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| PA | 5.94 | 6.36 | 6.49 |
| East | 5.90 | 6.21 | 6.20 |
| Central | 5.04 | 4.87 | 4.86 |
| CA | 4.75 | 5.46 | 6.03 |
| West | 4.92 | 5.31 | 5.87 |
| US | 5.58 | 5.86 | 5.98 |
| | Dollar Volume per Square Foot | | |
| | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i> |
| PA | 5.29 | 5.80 | 5.71 |
| East | 5.60 | 6.02 | 5.74 |
| Central | 8.06 | 8.01 | 8.28 |
| CA | 7.55 | 8.71 | 9.86 |
| West | 7.46 | 8.32 | 9.46 |
| US | 6.28 | 6.75 | 6.78 |

¹ Regions:

East: DE, FL, NY, PA, TN.

Central: IL, MO, OK, TX, and WI.

West: CA, CO, MT, OR, UT, and WA.

**Brown Mushrooms (Portabello and Crimini): Number of Growers, Volume of Sales,
and Value, by Region and United States, July 1, 2006-June 30, 2009 ¹**

| Region and Year ² | Growers | Volume of Sales | Value | Region and Year ² | Growers | Volume of Sales | Value |
|------------------------------|---------------|------------------|-------------------|------------------------------|---------------|------------------|-------------------|
| | <i>Number</i> | <i>1,000 Lbs</i> | <i>1,000 Dols</i> | | <i>Number</i> | <i>1,000 Lbs</i> | <i>1,000 Dols</i> |
| East | | | | West | | | |
| 2006-07 | 35 | 75,160 | 84,911 | 2006-07 | 16 | 17,098 | 37,588 |
| 2007-08 | 26 | 79,095 | 86,865 | 2007-08 | 17 | 18,055 | 37,299 |
| 2008-09 | 26 | 81,836 | 88,121 | 2008-09 | 16 | 19,776 | 43,187 |
| Central | | | | US | | | |
| 2006-07 | 7 | 6,930 | 17,400 | 2006-07 | 58 | 99,188 | 139,899 |
| 2007-08 | 7 | 8,096 | 20,094 | 2007-08 | 50 | 105,246 | 144,258 |
| 2008-09 | 7 | 9,345 | 23,820 | 2008-09 | 49 | 110,957 | 155,128 |

¹ Brown mushrooms are part of Agaricus mushrooms.

² Regions:

East: DE, FL, NY, PA, and TN.

Central: IL, MO, OK, TX, and WI.

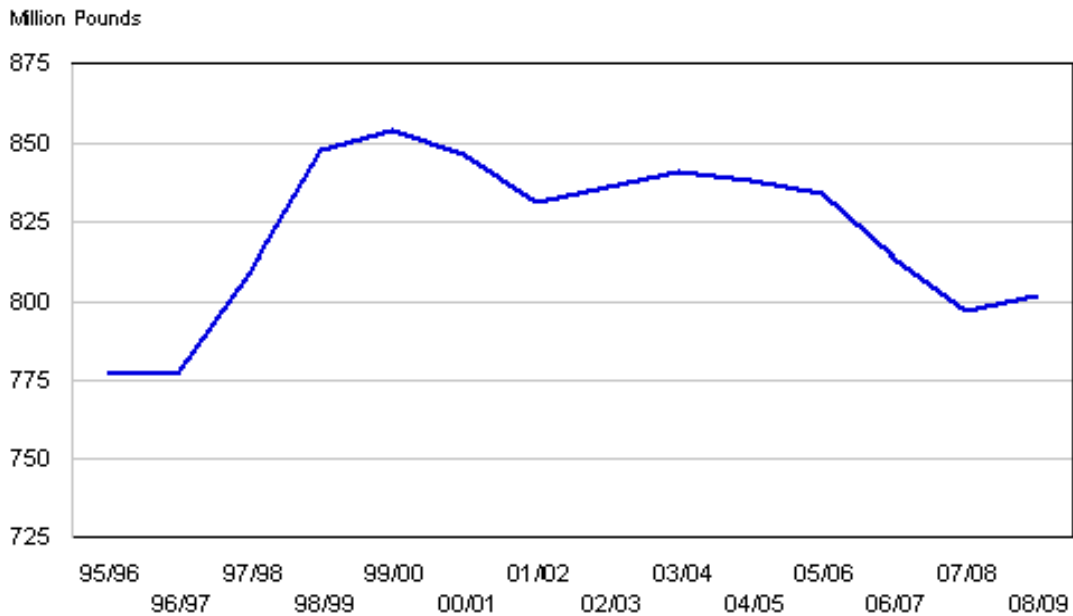
West: CA, CO, MT, OR, UT, and WA.

**Agaricus Mushrooms: Sales by Type and Percent of Total,
United States, 1995-2009 ¹**

| Year | Fresh Market | | Processing | | Total Volume of Sales |
|---------|---------------------|---------|---------------------|---------|-----------------------------|
| | Volume of Sales | Percent | Volume of Sales | Percent | |
| | <i>1,000 Pounds</i> | | <i>1,000 Pounds</i> | | <i>1,000 Pounds</i> |
| 1995-96 | 537,124 | 69 | 240,746 | 31 | 777,870 |
| 1996-97 | 553,780 | 71 | 222,897 | 29 | 776,677 |
| 1997-98 | 621,537 | 77 | 187,141 | 23 | 808,678 |
| 1998-99 | 657,833 | 78 | 189,927 | 22 | 847,760 |
| 1999-00 | 668,541 | 78 | 185,853 | 22 | 854,394 |
| 2000-01 | 692,630 | 82 | 153,579 | 18 | 846,209 |
| 2001-02 | 689,968 | 83 | 141,139 | 17 | 831,107 |
| 2002-03 | 697,248 | 83 | 139,150 | 17 | 836,398 |
| 2003-04 | 703,496 | 84 | 137,666 | 16 | 841,162 |
| 2004-05 | 696,319 | 83 | 141,764 | 17 | 838,083 |
| 2005-06 | 704,584 | 85 | 129,093 | 15 | 833,677 |
| 2006-07 | 696,709 | 86 | 117,140 | 14 | 813,849 |
| 2007-08 | 679,686 | 85 | 117,662 | 15 | 797,348 |
| 2008-09 | 678,710 | 85 | 122,813 | 15 | 801,523 |

¹ This table represents volume of sales at point of first sale. Mushrooms sold for fresh use, but used for processing are included under fresh market volume of sales.

**Agaricus Mushrooms: Volume of Sales
United States, 1995/96 - 2008/09**

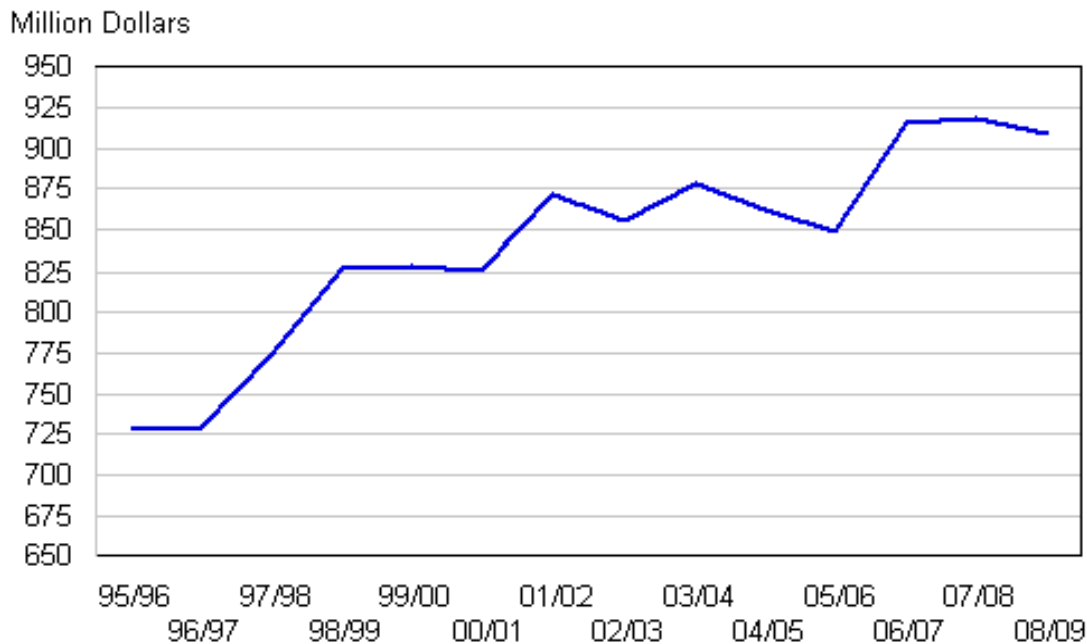


**Agaricus Mushrooms: Price and Value by Type of Sale,
United States, 1995-2009 ¹**

| Year | Fresh Market | | Processing | | All Sales | |
|---------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
| | Price per Pound | Value of Sales | Price per Pound | Value of Sales | Price per Pound | Value of Sales |
| | <i>Dollars</i> | <i>1,000 Dols</i> | <i>Dollars</i> | <i>1,000 Dols</i> | <i>Dollars</i> | <i>1,000 Dols</i> |
| 1995-96 | 1.090 | 588,126 | 0.579 | 139,452 | 0.935 | 727,578 |
| 1996-97 | 1.090 | 605,728 | 0.559 | 124,568 | 0.940 | 730,296 |
| 1997-98 | 1.080 | 670,168 | 0.553 | 103,449 | 0.957 | 773,617 |
| 1998-99 | 1.080 | 712,000 | 0.611 | 116,098 | 0.977 | 828,098 |
| 1999-00 | 1.070 | 715,943 | 0.606 | 112,608 | 0.970 | 828,551 |
| 2000-01 | 1.060 | 736,543 | 0.579 | 88,957 | 0.976 | 825,500 |
| 2001-02 | 1.150 | 796,522 | 0.525 | 74,051 | 1.050 | 870,573 |
| 2002-03 | 1.120 | 778,307 | 0.558 | 77,676 | 1.020 | 855,983 |
| 2003-04 | 1.140 | 805,200 | 0.532 | 73,205 | 1.040 | 878,405 |
| 2004-05 | 1.140 | 796,493 | 0.463 | 65,699 | 1.030 | 862,192 |
| 2005-06 | 1.130 | 793,538 | 0.428 | 55,298 | 1.020 | 848,836 |
| 2006-07 | 1.210 | 840,560 | 0.640 | 75,001 | 1.120 | 915,561 |
| 2007-08 | 1.240 | 841,753 | 0.645 | 75,854 | 1.150 | 917,607 |
| 2008-09 | 1.240 | 840,095 | 0.562 | 68,983 | 1.130 | 909,078 |

¹ Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

**Agaricus Mushrooms: Value of Sales
United States, 1995/96 - 2008/09**



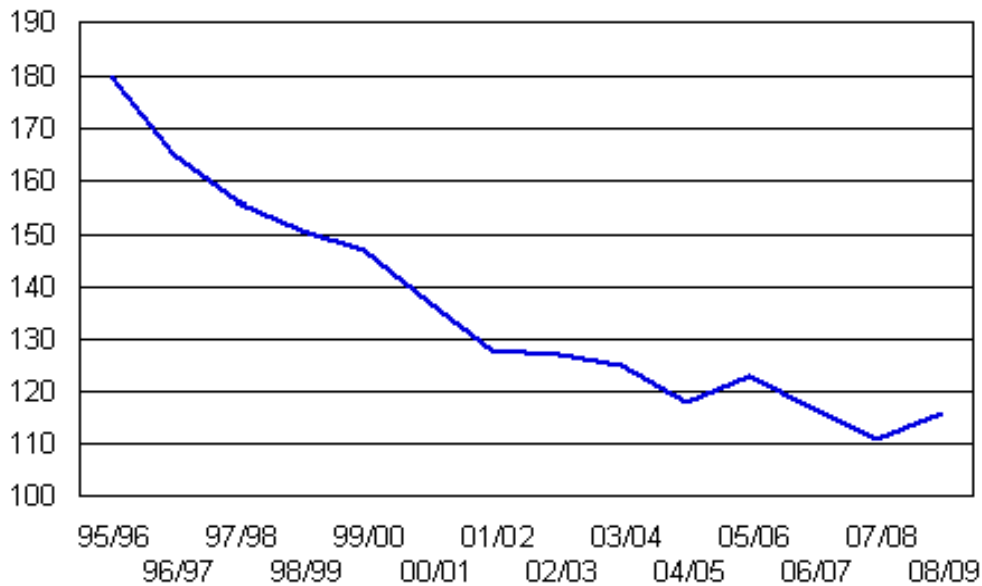
Agaricus Mushrooms: Number of Growers, Area in Production, Yield, and Dollar Volume per Square Foot, United States, 1995-2009

| Year | Growers ¹ | Area in Production | Yield per Square Foot | Dollar Volume per Square Foot |
|---------|----------------------|--------------------------|-----------------------|-------------------------------|
| | <i>Number</i> | <i>1,000 Square Feet</i> | <i>Pounds</i> | <i>Dollars</i> |
| 1995-96 | 180 | 135,320 | 5.75 | 5.38 |
| 1996-97 | 165 | 136,461 | 5.69 | 5.35 |
| 1997-98 | 156 | 145,094 | 5.57 | 5.33 |
| 1998-99 | 151 | 150,017 | 5.65 | 5.52 |
| 1999-00 | 147 | 151,487 | 5.64 | 5.47 |
| 2000-01 | 137 | 143,873 | 5.88 | 5.74 |
| 2001-02 | 128 | 140,822 | 5.90 | 6.18 |
| 2002-03 | 127 | 141,844 | 5.90 | 6.03 |
| 2003-04 | 125 | 146,510 | 5.74 | 6.00 |
| 2004-05 | 118 | 143,093 | 5.86 | 6.03 |
| 2005-06 | 123 | 142,550 | 5.85 | 5.95 |
| 2006-07 | 117 | 145,743 | 5.58 | 6.28 |
| 2007-08 | 111 | 136,011 | 5.86 | 6.75 |
| 2008-09 | 116 | 134,089 | 5.98 | 6.78 |

¹ Estimates are based on growers with sales and include all known growing facilities.

**Agaricus Mushrooms: Number of Growers
United States, 1995/96 - 2008/09**

Number of Growers



**Agaricus Mushrooms: Bed or Tray Area Intended for Production
by State and United States, July 1, 2009 - June 30, 2010**

| State and Region ¹ | Intentions Jul 2009 - Jun 2010 | | | |
|-------------------------------|--------------------------------|--------------------------|--------------------------|----------------------|
| | Fresh Market | Processed Market | Total Fillings | Percent of Last Year |
| | <i>1,000 Square Feet</i> | <i>1,000 Square Feet</i> | <i>1,000 Square Feet</i> | <i>Percent</i> |
| CA | 20,493 | | 20,493 | 100 |
| PA | 76,029 | 5,146 | 81,175 | 100 |
| Oth Sts ² | 32,845 | 40 | 32,885 | 101 |
| East | 86,999 | 5,186 | 92,185 | 101 |
| Central | 15,254 | | 15,254 | 100 |
| West | 27,114 | | 27,114 | 100 |
| US | 129,367 | 5,186 | 134,553 | 100 |

¹ Regions:

East: DE, FL, NY, PA, and TN.

Central: IL, MO, OK, TX, and WI.

West: CA, CO, MT, OR, UT, and WA.

² CO, DE, FL, IL, MO, MT, NY, OK, OR, TN, TX, UT, WA, and WI.

**Specialty Mushrooms: Number of Growers, Total Production, Volume
of Sales, Price, and Value of Sales, by Variety and United States,
July 1, 2006 - June 30, 2009¹**

| Year and Variety | Growers ² | Total Production ³ | All Sales | | |
|------------------|----------------------|-------------------------------|------------------------------|------------------------------|----------------------|
| | | | Volume of Sales ⁴ | Price per Pound ⁵ | Value of Sales |
| | <i>Number</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Dollars</i> | <i>1,000 Dollars</i> |
| 2006-07 | | | | | |
| Shiitake | 160 | 7,155 | 6,985 | 3.36 | 23,469 |
| Oyster | 62 | 5,265 | 5,055 | 2.41 | 12,185 |
| Other | 30 | 2,180 | 2,113 | 4.84 | 10,231 |
| US ⁶ | 191 | 14,600 | 14,153 | 3.24 | 45,885 |
| 2007-08 | | | | | |
| Shiitake | 155 | 9,848 | 9,673 | 2.69 | 26,049 |
| Oyster | 61 | 4,371 | 4,253 | 2.88 | 12,232 |
| Other | 24 | 1,371 | 1,330 | 5.16 | 6,868 |
| US ⁶ | 181 | 15,590 | 15,256 | 2.96 | 45,149 |
| 2008-09 | | | | | |
| Shiitake | 153 | 9,682 | 9,416 | 3.19 | 30,038 |
| Oyster | 67 | 5,383 | 5,056 | 2.46 | 12,442 |
| Other | 26 | 1,070 | 979 | 5.59 | 5,470 |
| US ⁶ | 184 | 16,135 | 15,451 | 3.10 | 47,950 |

¹ Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or some commercial indoor growing area, and 200 dollars in sales.

² Growers counted only once for US total if growing more than one specialty type mushroom. Growers growing Agaricus and specialty mushrooms are included.

³ Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.).

⁴ Virtually all specialty mushroom sales are for fresh market.

⁵ Prices for mushrooms are the average prices producers receive at the point of first sale, commonly referred to as the average price as sold. For example, if in a given State, part of the fresh mushrooms are sold F.O.B. packed by growers, part are sold bulk to brokers or repackers, and some are sold retail at roadside stands, the mushroom average price as sold is a weighted average of the average price for each method of sale.

⁶ 2006-07: AR, CA, CT, DE, FL, HI, IL, IN, KS, KY, ME, MD, MA, MI, MN, MO, MT, NH, NY, NC, OH, OR, PA, SC, TN, TX, VA, WA, WV, and WI.
 2007-08: AR, CA, CT, FL, HI, IL, IN, KS, KY, ME, MA, MI, MN, MO, MT, NY, NC, OH, OR, PA, SC, TN, TX, VA, VT, WA, WV, and WI.
 2008-09: AR, CA, CO, CT, FL, GA, HI, IL, IN, KS, KY, ME, MA, MN, MO, MT, NY, NC, OH, OR, PA, SC, TN, TX, VA, VT, WA, WV, and WI.

**Specialty Mushrooms: Area in Production by Variety and United States,
July 1, 2006 - June 30, 2009 ¹**

| Year and Variety | Area | | |
|-----------------------|---------------------------|---|----------------------------|
| | Natural Wood Outdoor Logs | Natural Wood Undercover and Indoor Logs | All Other Production Media |
| | <i>1,000 Logs</i> | <i>1,000 Logs</i> | <i>1,000 Square Feet</i> |
| 2006-07 | | | |
| Shiitake ² | 176 | 58 | 1,317 |
| Oyster | | | 654 |
| Other | | | 593 |
| US ³ | 176 | 58 | 2,564 |
| 2007-08 | | | |
| Shiitake ² | 122 | 60 | 1,436 |
| Oyster | | | 618 |
| Other | | | 419 |
| US ³ | 122 | 60 | 2,473 |
| 2008-09 | | | |
| Shiitake ² | 100 | 53 | 1,384 |
| Oyster | | | 913 |
| Other | | | 329 |
| US ³ | 100 | 53 | 2,626 |

¹ Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or some commercial indoor growing area, and 200 dollars in sales.

² Includes small quantity of logs producing Oyster and Other mushrooms. These logs are not published separately to avoid disclosure of individual operations.

³ 2006-07: AR, CA, CT, DE, FL, HI, IL, IN, KS, KY, ME, MD, MA, MI, MN, MO, MT, NH, NY, NC, OH, OR, PA, SC, TN, TX, VA, WA, WV, and WI.
 2007-08: AR, CA, CT, FL, HI, IL, IN, KS, KY, ME, MA, MI, MN, MO, MT, NY, NC, OH, OR, PA, SC, TN, TX, VA, VT, WA, WV, and WI.
 2008-09: AR, CA, CO, CT, FL, GA, HI, IL, IN, KS, KY, ME, MA, MN, MO, MT, NY, NC, OH, OR, PA, SC, TN, TX, VA, VT, WA, WV, and WI.

Agaricus Mushrooms

Agaricus mushroom volume of sales totaled 802 million pounds, up slightly from the 2007-08 season but 2 percent below 2006-07. Pennsylvania accounted for 65 percent of the total volume of sales and second-ranked California contributed 15 percent. The value of the Agaricus crop was estimated at \$909 million dollars, down 1 percent from the 2007-08 season. Brown mushrooms, including Portabello and Crimini varieties, accounted for 111 million pounds, up 5 percent from last season and 12 percent above the 2006-07 crop year. Brown mushrooms accounted for 14 percent of the total Agaricus volume sold. The brown mushroom crop value of sales for the 2008-09 season is \$155 million dollars, 17 percent of the total Agaricus value.

The total number of Agaricus growers in the U.S., at 116, is 5 more growers than last season but 1 less than two seasons ago. Growers with sales exceeding 10 million pounds accounted for 71 percent of U.S. Agaricus production, or 570 million pounds. The number of growers by sales categories is as follows:

- Over 20.0 million pounds, 9 growers;
- 10.0 million to 19.9 million pounds, 19 growers;
- 5.0 million to 9.9 million pounds, 14 growers;
- 2.5 million to 4.9 million pounds, 23 growers;
- 1.0 million to 2.4 million pounds, 28 growers;
- 0.5 million to 1.0 million pounds, 3 growers;
- less than 0.5 million pounds of sales, 20 growers.

The growing area is 26.2 million square feet, down 3 percent from the previous season and 12 percent below 2006-07. Total fillings are 134 million square feet, down 1 percent from last season and 8 percent below 2006-07. Yields averaged 5.98 pounds per square foot, 2 percent above last season. Producers received an average return of \$6.78 per square foot, up 3 cents from last season and 50 cents above the 2006-07 season. U.S. fresh market production at 679 million pounds is virtually unchanged from the previous season, while processed production, at 123 million pounds, is 4 percent above the previous season. Growers reported U.S. fresh market production at 85 percent of total sales volume with processed production making up the remaining 15 percent. Grower total filling intentions for the 2009-10 crop are nearly identical to the 2008-09 season.

The 62 growers of Agaricus mushrooms in Chester County, Pennsylvania produced 364 million pounds of Agaricus mushrooms valued at \$312 million. The growing area in Chester County was 11.8 million square feet. Total fillings were 56.0 million square feet.

Specialty Mushrooms - Shiitake, Oyster, and all Other Exotics

Value of sales for commercially grown specialty mushrooms in 2008-09 is \$48.0 million, up 6 percent from the 2007-08 season. A specialty grower is defined as having at least 200 natural wood logs in production or some commercial indoor growing area, and \$200 dollars or more in sales. The average price per pound received by growers, at \$3.10, is up 14 cents from the previous season.

Volume of sales of Shiitake mushrooms totaled 9.42 million pounds for the 2008-09 season, down 3 percent from the previous season. Price per pound received by growers, at \$3.19 per pound, is up 50 cents from 2007-08. Sales volume of Oyster mushrooms, at 5.10 million pounds, is up 19 percent from the previous season. Price per pound received by growers, at \$2.46 per pound, is down 42 cents from the previous season. Volume of Sales of exotic mushrooms, other than Shiitake or Oyster, is 979 thousand pounds, down 26 percent from last season. Price per pound received by growers, at \$5.59 per pound, is up 43 cents from 2007-08.

Certified Organic Agaricus and Specialty Mushrooms

Growers produced 41.0 million pounds of mushrooms that were certified organic during the 2008-09 growing season, 3 percent above 2007-08. Out of the 41.0 million pounds, 12.0 million pounds, or 29 percent of the total were sold as certified organic mushrooms, while the rest were sold without the certified organic label. This compares with 13.2 million pounds, or 33 percent sold as certified organic during the 2007-08 crop year. Agaricus mushrooms accounted for 89 percent of the mushrooms sold as certified organic, while all specialty mushrooms made up the remainder. These certified organic sales represent 1 percent of the 2008-09 total mushroom sales. The number of certified organic mushroom growers totaled 42, unchanged from the previous season. These growers represent 15 percent of the 285 total mushroom producers.

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**USDA Data Users' Meeting
Monday, November 2, 2009**

**Crowne Plaza Hotel Chicago-Metro
Chicago, Illinois 60661
(312) 829-5000**

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seeks comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at www.nass.usda.gov/forum/ or contact Marjorie Taylor (NASS) at (202) 690-8141 or at marjorie_taylor@nass.usda.gov.

This Data Users' Meeting precedes an Industry Outlook Conference that will be held at the same location on Tuesday, November 3, 2009. The Outlook Conference brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Meeting see the Livestock and Marketing Information Center (LMIC) homepage at www.lmic.info or contact Jim Robb at (720) 544-2941 or at robb@lmic.info.