

Mushrooms



USDA
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Value of Sales a Record High for All Mushrooms, for Fresh Use Agaricus and for Specialty Mushrooms

The value of the 1996-97 mushroom crop in the U.S. is a record large \$766 million, slightly above the previous record high of \$760 million set in 1994-95. Growers received a record 97.3 cents per pound for the 1996-97 crop, up slightly from last season's record of 96.3 cents per pound. Volume of sales during the 1996-97 season, at 787 million pounds, failed to reach 1994-95's 791 million pounds, but the higher price more than offset the lower sales volume. The number of mushroom growers declined to 337 from last season's figure of 357.

The value of Agaricus mushrooms for fresh market use continued to rise, reaching a record \$606 million, 3 percent above the 1995-96 season. The value of sales of Agaricus mushrooms for processing fell 11 percent to the lowest level since the 1988-89 season. The value of sales of specialty mushrooms continued to increase, reaching \$35.5 million for the 1996-97 season, 19 percent above the 1995-96 season, and more than double the value of the 1992-93 crop. The value of Shiitake mushroom sales was 11 percent above the previous year.

(Agaricus and Specialty highlights continued on page 14)

Agaricus and Specialty Mushrooms: Number of Growers, Volume of Sales, Price, and Value of Sales, July 1, 1994 - June 30, 1997

| Year | Growers 1/ | Volume of Sales | All Sales | |
|------------|------------|-----------------|--------------------|----------------|
| | | | Price per Pound 2/ | Value of Sales |
| | Number | 1,000 Pounds | Dollars | 1,000 Dollars |
| 1994-95 3/ | 371 | 790,582 | .962 | 760,489 |
| 1995-96 3/ | 357 | 786,705 | .963 | 757,531 |
| 1996-97 | 337 | 787,153 | .973 | 765,796 |

1/ Number of growers counted once if growing both Agaricus and specialty.
2/ See footnote 1 on page 3.
3/ Revised.

Agaricus Mushrooms: Area, Sales, Price, and Value by State
and United States, July 1, 1994 - June 30, 1997 (continued)

| State, Region, 2/ and Year | Area in Production : | | Volume | Price | Value |
|-------------------------------------|----------------------|----------|--------------|----------|---------------|
| | Growing | Total | of | per | of |
| | Area | Fillings | Sales | Pound 1/ | Sales |
| | 1,000 Square Feet | | 1,000 Pounds | Dollars | 1,000 Dollars |
| PA | | | | | |
| 1994-95 | 19,334 | 65,100 | 354,500 | .772 | 273,661 |
| 1995-96 | 19,905 | 60,350 | 353,115 | .721 | 254,680 |
| 1996-97 | 19,318 | 61,543 | 360,905 | .717 | 258,768 |
| WA 3/ | | | | | |
| 1994-95 | | | | | |
| 1995-96 | | | | | |
| 1996-97 | 391 | 2,227 | 12,298 | 1.200 | 14,731 |
| Oth Sts 4/ | | | | | |
| 1994-95 | 7,586 | 34,482 | 192,880 | 1.140 | 219,292 |
| 1995-96 | 7,516 | 34,716 | 195,694 | 1.160 | 227,483 |
| 1996-97 | 10,770 | 32,350 | 180,044 | 1.130 | 204,281 |
| East | | | | | |
| 1994-95 | 23,446 | 84,258 | 461,725 | .844 | 389,512 |
| 1995-96 | 23,876 | 79,075 | 459,978 | .806 | 370,600 |
| 1996-97 | 27,097 | 79,708 | 463,254 | .801 | 371,263 |
| Central | | | | | |
| 1994-95 | 4,839 | 22,598 | 127,151 | 1.070 | 135,644 |
| 1995-96 | 4,920 | 23,003 | 127,707 | 1.170 | 149,739 |
| 1996-97 | 4,648 | 22,813 | 127,045 | 1.120 | 142,570 |
| West | | | | | |
| 1994-95 | 6,177 | 32,761 | 193,464 | 1.060 | 206,017 |
| 1995-96 | 5,999 | 33,242 | 190,185 | 1.090 | 207,239 |
| 1996-97 | 6,066 | 33,709 | 186,378 | 1.160 | 216,449 |
| US | | | | | |
| 1994-95 | 34,462 | 139,617 | 782,340 | .935 | 731,173 |
| 1995-96 | 34,795 | 135,320 | 777,870 | .935 | 727,578 |
| 1996-97 | 37,811 | 136,230 | 776,677 | .940 | 730,282 |

- 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.
- 2/ Regions are: East: CT, DE, FL, GA, MD, NY, PA, and TN.
Central: IL, IN, IA, MI, MO, OH, OK, TX, and WI.
West: CA, CO, ND, OR, UT, and WA.
- 3/ Data not published to avoid disclosure of individual operations.
- 4/ 1994-95 and 1995-96: CO, CT, IL, IA, MO, NY, ND, OK, OR, TN, TX, UT, WA, and WI.
1996-97: CO, CT, IL, IA, MO, NY, ND, OK, OR, TN, TX, UT, and WI.

Agaricus Mushrooms: Utilization, Volume of Sales, Price, and Value
by Region and United States, July 1, 1994 - June 30, 1997

| 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 |
| | 1,000 Pounds | Dollars | 1,000 Dollars | 1,000 Pounds | Dollars | 1,000 Dollars |
| 1994-95 | | | | | | |
| PA | 182,250 | .874 | 159,287 | 172,250 | .664 | 114,374 |
| Other East | 84,814 | 1.190 | 100,594 | 22,411 | .681 | 15,257 |
| East Total | 267,064 | .973 | 259,881 | 194,661 | .666 | 129,631 |
| Central Total | 96,578 | 1.160 | 112,137 | 30,573 | .769 | 23,507 |
| CA | 114,707 | 1.100 | 126,178 | 20,190 | .724 | 14,618 |
| Other West | 53,883 | 1.150 | 61,931 | 4,684 | .702 | 3,290 |
| West Total | 168,590 | 1.120 | 188,109 | 24,874 | .720 | 17,908 |
| US | 532,232 | 1.050 | 560,127 | 250,108 | .684 | 171,046 |
| 1995-96 | | | | | | |
| PA | 186,818 | .871 | 162,718 | 166,297 | .553 | 91,962 |
| Other East | 86,877 | 1.200 | 104,547 | 19,986 | .569 | 11,373 |
| East Total | 273,695 | .977 | 267,265 | 186,283 | .555 | 103,335 |
| Central Total | 94,352 | 1.320 | 124,144 | 33,355 | .767 | 25,595 |
| CA | 116,265 | 1.160 | 134,867 | 14,698 | .529 | 7,775 |
| Other West | 52,812 | 1.170 | 61,850 | 6,410 | .429 | 2,747 |
| West Total | 169,077 | 1.160 | 196,717 | 21,108 | .498 | 10,522 |
| US | 537,124 | 1.090 | 588,126 | 240,746 | .579 | 139,452 |
| 1996-97 | | | | | | |
| PA | 206,384 | .860 | 177,490 | 154,521 | .526 | 81,278 |
| Other East | 86,780 | 1.200 | 104,313 | 15,569 | .526 | 8,182 |
| East Total | 293,164 | .961 | 281,803 | 170,090 | .526 | 89,460 |
| Central Total | 94,514 | 1.250 | 118,615 | 32,531 | .736 | 23,955 |
| CA | 115,293 | 1.280 | 147,575 | 14,859 | .537 | 7,979 |
| Other West | 50,809 | 1.140 | 57,735 | 5,417 | .583 | 3,160 |
| West Total | 166,102 | 1.240 | 205,310 | 20,276 | .549 | 11,139 |
| US | 553,780 | 1.090 | 605,728 | 222,897 | .559 | 124,554 |

1/ Regions are: East: CT, DE, FL, GA, MD, NY, PA, and TN.
Central: IL, IN, IA, MI, MO, OH, OK, TX, and WI.
West: CA, CO, ND, 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, 1994 - June 30, 1997

| Year, State, Region 1/ | Growers | All Sales | | |
|------------------------------|---------|--------------------|-----------------------|-------------------|
| | | Volume of Sales | Price per Pound 2/ | Value of Sales |
| | Number | 1,000 Pounds | Dollars | 1,000 Dollars |
| 1994-95 | | | | |
| PA | 119 | 354,500 | .772 | 273,661 |
| Other East | 17 | 107,225 | 1.080 | 115,851 |
| East Total | 136 | 461,725 | .844 | 389,512 |
| Central Total | 16 | 127,151 | 1.070 | 135,644 |
| CA | 21 | 134,897 | 1.040 | 140,796 |
| Other West | 13 | 58,567 | 1.110 | 65,221 |
| West Total | 34 | 193,464 | 1.060 | 206,017 |
| US | 186 | 782,340 | .935 | 731,173 |
| 1995-96 | | | | |
| PA | 112 | 353,115 | .721 | 254,680 |
| Other East | 16 | 106,863 | 1.080 | 115,920 |
| East Total | 128 | 459,978 | .806 | 370,600 |
| Central Total | 21 | 127,707 | 1.170 | 149,739 |
| CA | 22 | 130,963 | 1.090 | 142,642 |
| Other West | 9 | 59,222 | 1.090 | 64,597 |
| West Total | 31 | 190,185 | 1.090 | 207,239 |
| US | 180 | 777,870 | .935 | 727,578 |
| 1996-97 | | | | |
| PA | 102 | 360,905 | .717 | 258,768 |
| Other East | 14 | 102,349 | 1.100 | 112,495 |
| East Total | 116 | 463,254 | .801 | 371,263 |
| Central Total | 20 | 127,045 | 1.120 | 142,570 |
| CA | 21 | 130,152 | 1.200 | 155,554 |
| Other West | 8 | 56,226 | 1.080 | 60,895 |
| West Total | 29 | 186,378 | 1.160 | 216,449 |
| US | 165 | 776,677 | .940 | 730,282 |

1/ Regions are: East: CT, DE, FL, GA, MD, NY, PA, and TN.
Central: IL, IN, IA, MI, MO, OH, OK, TX, and WI.
West: CA, CO, ND, 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, 1994 - June 30, 1997

| State and Region 1/ | Yield per Square Foot | | |
|---------------------------|-------------------------------|---------|---------|
| | 1994-95 | 1995-96 | 1996-97 |
| | Pounds | | |
| PA | 5.45 | 5.85 | 5.86 |
| East | 5.48 | 5.82 | 5.81 |
| Central | 5.63 | 5.55 | 5.57 |
| CA | 6.16 | 5.85 | 5.71 |
| West | 5.91 | 5.72 | 5.53 |
| US | 5.60 | 5.75 | 5.70 |
| | Dollar Volume per Square Foot | | |
| | Dollars | | |
| PA | 4.20 | 4.22 | 4.20 |
| East | 4.62 | 4.69 | 4.66 |
| Central | 6.00 | 6.51 | 6.25 |
| CA | 6.43 | 6.37 | 6.82 |
| West | 6.29 | 6.23 | 6.42 |
| US | 5.24 | 5.38 | 5.36 |

1/ Regions are: East: CT, DE, FL, GA, MD, NY, PA, and TN.
Central: IL, IN, IA, MI, MO, OH, OK, TX, and WI.
West: CA, CO, ND, OR, UT, and WA.

Mushrooms: Sales by Type and Percent of Total,
United States, 1967-97 1/

| Year | Fresh Market | | Processing | | Total |
|---------|-----------------|---------|-----------------|---------|-----------------|
| | Volume of Sales | Percent | Volume of Sales | Percent | Volume of Sales |
| | 1,000 Pounds | | 1,000 Pounds | | 1,000 Pounds |
| 1967-68 | 47,611 | 26 | 132,980 | 74 | 180,591 |
| 1968-69 | 56,024 | 30 | 132,783 | 70 | 188,807 |
| 1969-70 | 62,115 | 32 | 131,764 | 68 | 193,879 |
| 1970-71 | 58,269 | 28 | 148,541 | 72 | 206,810 |
| 1971-72 | 66,323 | 29 | 165,050 | 71 | 231,373 |
| 1972-73 | 76,728 | 30 | 177,274 | 70 | 254,002 |
| 1973-74 | 102,293 | 37 | 177,200 | 63 | 279,493 |
| 1974-75 | 126,118 | 42 | 172,963 | 58 | 299,081 |
| 1975-76 | 142,121 | 46 | 167,695 | 54 | 309,816 |
| 1976-77 | 151,247 | 44 | 195,882 | 56 | 347,129 |
| 1977-78 | 191,080 | 48 | 207,623 | 52 | 398,703 |
| 1978-79 | 229,538 | 51 | 224,469 | 49 | 454,007 |
| 1979-80 | 255,846 | 54 | 214,223 | 46 | 470,069 |
| 1980-81 | 275,052 | 59 | 194,524 | 41 | 469,576 |
| 1981-82 | 319,132 | 62 | 198,014 | 38 | 517,146 |
| 1982-83 | 337,234 | 69 | 153,592 | 31 | 490,826 |
| 1983-84 | 388,075 | 69 | 173,456 | 31 | 561,531 |
| 1984-85 | 419,913 | 70 | 175,768 | 30 | 595,681 |
| 1985-86 | 427,204 | 73 | 160,752 | 27 | 587,956 |
| 1986-87 | 454,800 | 74 | 157,094 | 26 | 611,894 |
| 1987-88 | 468,895 | 74 | 162,924 | 26 | 631,819 |
| 1988-89 | 484,675 | 73 | 183,084 | 27 | 667,759 |
| 1989-90 | 511,904 | 72 | 203,088 | 28 | 714,992 |
| 1990-91 | 511,921 | 68 | 237,230 | 32 | 749,151 |
| 1991-92 | 496,959 | 67 | 249,873 | 33 | 746,832 |
| 1992-93 | 522,381 | 67 | 253,976 | 33 | 776,357 |
| 1993-94 | 516,836 | 69 | 233,963 | 31 | 750,799 |
| 1994-95 | 532,232 | 68 | 250,108 | 32 | 782,340 |
| 1995-96 | 537,124 | 69 | 240,746 | 31 | 777,870 |
| 1996-97 | 553,780 | 71 | 222,897 | 29 | 776,677 |

1/ Fresh market, processing and total volume of sales estimates are primarily Agaricus, but also include specialty mushrooms through 1986-87. Statistics after 1986-87 are for Agaricus only.

Mushrooms: Price and Value by Type of Sale,
United States, 1967-97 1/ 2/

| Year | Fresh Market | | Processing | | All Sales | |
|---------|--------------|------------------|--------------|------------------|--------------|------------------|
| | Price | Value | Price | Value | Price | Value |
| | per Pound | of Sales | per Pound | of Sales | per Pound | of Sales |
| | Dollars | 1,000 Dollars | Dollars | 1,000 Dollars | Dollars | 1,000 Dollars |
| 1967-68 | .449 | 21,384 | .303 | 40,269 | .341 | 61,653 |
| 1968-69 | .461 | 25,845 | .316 | 42,011 | .359 | 67,856 |
| 1969-70 | .451 | 28,004 | .339 | 44,701 | .375 | 72,705 |
| 1970-71 | .544 | 31,688 | .390 | 57,932 | .433 | 89,620 |
| 1971-72 | .579 | 38,386 | .415 | 68,496 | .462 | 106,882 |
| 1972-73 | .555 | 42,596 | .380 | 67,379 | .433 | 109,975 |
| 1973-74 | .571 | 58,407 | .367 | 64,947 | .441 | 123,354 |
| 1974-75 | .607 | 76,552 | .409 | 70,690 | .492 | 147,242 |
| 1975-76 | .719 | 102,234 | .530 | 88,864 | .617 | 191,098 |
| 1976-77 | .824 | 124,613 | .669 | 131,065 | .737 | 255,678 |
| 1977-78 | .901 | 172,159 | .652 | 135,429 | .771 | 307,588 |
| 1978-79 | .949 | 217,770 | .642 | 144,030 | .797 | 361,800 |
| 1979-80 | .958 | 245,201 | .576 | 123,396 | .784 | 368,597 |
| 1980-81 | .947 | 260,439 | .586 | 114,060 | .798 | 374,499 |
| 1981-82 | .968 | 308,805 | .555 | 109,901 | .810 | 418,706 |
| 1982-83 | 1.000 | 338,048 | .608 | 93,373 | .879 | 431,421 |
| 1983-84 | .965 | 374,327 | .646 | 112,061 | .866 | 486,388 |
| 1984-85 | .935 | 392,762 | .574 | 100,886 | .829 | 493,648 |
| 1985-86 | .948 | 404,914 | .549 | 88,179 | .839 | 493,093 |
| 1986-87 | .945 | 429,812 | .564 | 88,621 | .847 | 518,433 |
| 1987-88 | .949 | 444,967 | .610 | 99,333 | .861 | 544,300 |
| 1988-89 | .979 | 474,675 | .665 | 121,663 | .893 | 596,338 |
| 1989-90 | 1.000 | 512,055 | .653 | 132,683 | .902 | 644,738 |
| 1990-91 | .981 | 501,967 | .615 | 145,948 | .865 | 647,915 |
| 1991-92 | .995 | 494,340 | .638 | 159,501 | .875 | 653,841 |
| 1992-93 | .998 | 521,566 | .582 | 147,832 | .862 | 669,398 |
| 1993-94 | 1.030 | 532,863 | .662 | 154,810 | .916 | 687,673 |
| 1994-95 | 1.050 | 560,127 | .684 | 171,046 | .935 | 731,173 |
| 1995-96 | 1.090 | 588,126 | .579 | 139,452 | .935 | 727,578 |
| 1996-97 | 1.090 | 605,728 | .559 | 124,554 | .940 | 730,282 |

- 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.
- 2/ Fresh market, processing, and all sales estimates are primarily Agaricus, but also include specialty mushrooms through 1986-87. Statistics after 1986-87 are for Agaricus only.

Mushrooms: Number of Growers, Area in Production, Yield,
and Dollar Volume per Square Foot, United States, 1967-97 1/

| Year | Growers 2/ | Area in Production | Yield per Square Foot | Dollar Volume per Square Foot |
|---------|------------|--------------------------|-----------------------------|-------------------------------------|
| | Number | 1,000 Square Feet | Pounds | Dollars |
| 1967-68 | | 83,389 | 2.17 | .74 |
| 1968-69 | | 84,728 | 2.23 | .80 |
| 1969-70 | | 82,350 | 2.35 | .88 |
| 1970-71 | | 87,490 | 2.36 | 1.02 |
| 1971-72 | | 93,798 | 2.47 | 1.14 |
| 1972-73 | | 102,315 | 2.48 | 1.07 |
| 1973-74 | | 107,584 | 2.60 | 1.15 |
| 1974-75 | | 110,921 | 2.70 | 1.33 |
| 1975-76 | | 114,711 | 2.70 | 1.67 |
| 1976-77 | | 117,692 | 2.95 | 2.17 |
| 1977-78 | | 135,101 | 2.95 | 2.28 |
| 1978-79 | | 146,738 | 3.09 | 2.47 |
| 1979-80 | | 150,758 | 3.12 | 2.44 |
| 1980-81 | | 140,346 | 3.35 | 2.67 |
| 1981-82 | | 141,326 | 3.66 | 2.96 |
| 1982-83 | 440 | 135,395 | 3.63 | 3.19 |
| 1983-84 | 433 | 142,810 | 3.93 | 3.41 |
| 1984-85 | 441 | 139,133 | 4.28 | 3.55 |
| 1985-86 | 514 | 129,565 | 4.54 | 3.81 |
| 1986-87 | 413 | 129,496 | 4.73 | 4.00 |
| 1987-88 | 357 | 130,527 | 4.84 | 4.17 |
| 1988-89 | 279 | 132,659 | 5.03 | 4.50 |
| 1989-90 | 259 | 137,861 | 5.19 | 4.68 |
| 1990-91 | 238 | 139,922 | 5.35 | 4.63 |
| 1991-92 | 226 | 138,148 | 5.41 | 4.73 |
| 1992-93 | 195 | 141,909 | 5.47 | 4.72 |
| 1993-94 | 193 | 135,703 | 5.53 | 5.07 |
| 1994-95 | 186 | 139,617 | 5.60 | 5.24 |
| 1995-96 | 180 | 135,320 | 5.75 | 5.38 |
| 1996-97 | 165 | 136,230 | 5.70 | 5.36 |

- 1/ Number of growers, area in production, yield, and dollar volume per square foot are primarily Agaricus, but also include specialty mushrooms through 1986-87. Statistics after 1986-87 are for Agaricus only.
- 2/ Estimates for number of growers are not available prior to 1982-83. Estimates are based on growers with sales and include all known growing facilities.

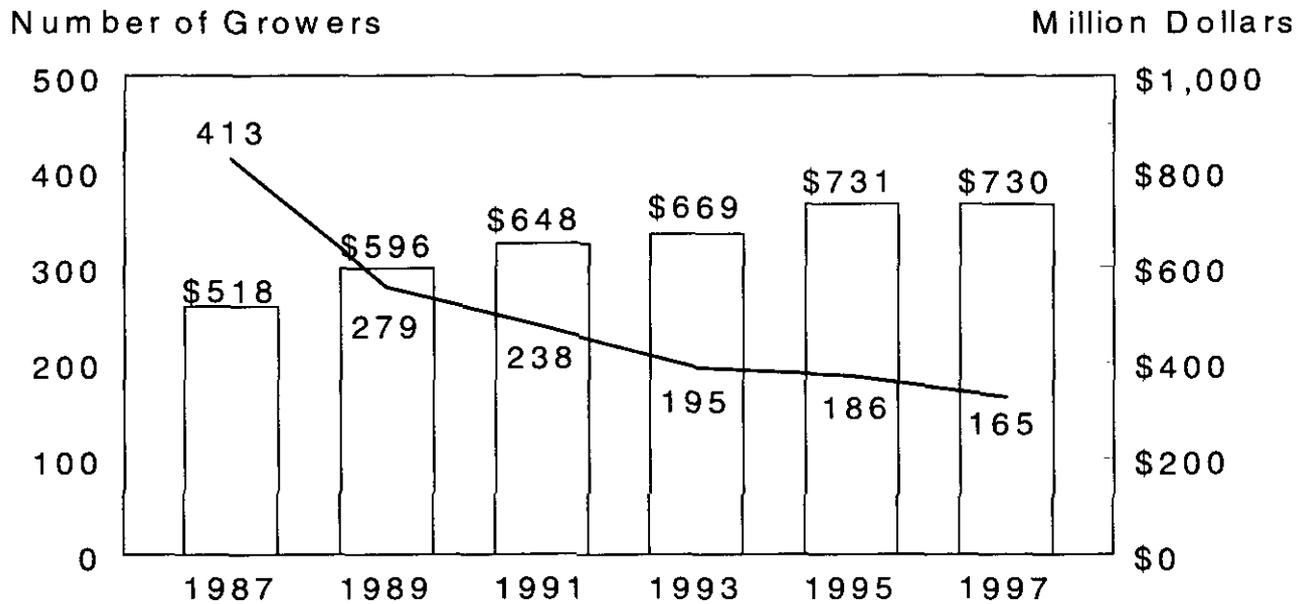
Agaricus Mushrooms: Bed or Tray Area Intended for Production
by State and United States, July 1, 1997 - June 30, 1998

| Intentions Jul 1997 - Jun 1998 | | | | |
|--------------------------------|-----------------|---------------------|-------------------|-------------------------|
| State and Region 1/: | Fresh Market | Processed Market | Total Fillings | Percent of Last Year |
| ----- 1,000 Square Feet ----- | | | | |
| CA | 22,768 | 500 | 23,268 | 102 |
| DE | 706 | | 706 | 100 |
| FL | 6,800 | 200 | 7,000 | 104 |
| GA | 1,438 | | 1,438 | 100 |
| IN | 2,379 | | 2,379 | 100 |
| MD | 557 | 125 | 682 | 125 |
| MI | 2,658 | 5 | 2,663 | 104 |
| OH | 2,353 | 612 | 2,965 | 100 |
| PA | 38,178 | 23,251 | 61,429 | 100 |
| WA | 2,227 | | 2,227 | 100 |
| Oth Sts 2/: | 30,500 | 1,869 | 32,369 | 100 |
| East | 54,953 | 25,070 | 80,023 | 100 |
| Central | 22,467 | 626 | 23,093 | 101 |
| West | 33,144 | 866 | 34,010 | 101 |
| US | 110,564 | 26,562 | 137,126 | 101 |

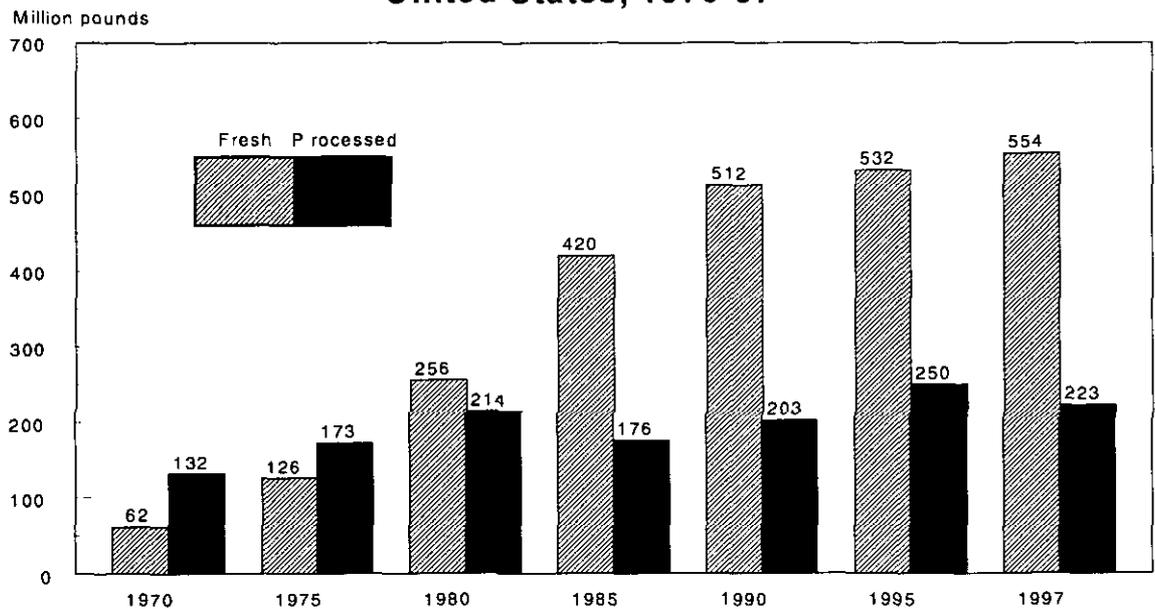
1/ Regions are: East: CT, DE, FL, GA, MD, NY, PA, and TN.
Central: IL, IN, IA, MI, MO, OH, OK, TX, and WI.
West: CA, CO, ND, OR, UT, and WA.

2/ CO, CT, IL, IA, MO, NY, ND, OK, OR, TN, TX, UT, and WI.

Agaricus Mushrooms: Growers and Value of Sales United States, 1987-97



Agaricus Mushrooms: Sales by Utilization United States, 1970-97



Specialty Mushrooms: Number of Growers, Total Production, Volume
of Sales, Price, and Value of Sales, by Variety and United States,
July 1, 1994 - June 30, 1997 1/

| Year and Variety | Growers | Total Production 2/ | All Sales | | |
|------------------------|---------|------------------------|-----------------------|-----------------------|-------------------|
| | | | Volume of Sales 3/ | Price per Pound 4/ | Value of Sales |
| | Number | --- 1,000 Pounds --- | | Dollars | 1,000 Dollars |
| 1994-95 | | | | | |
| Shiitake | | 5,649 | 5,396 | 3.86 | 20,819 |
| Oyster | | 1,980 | 1,800 | 2.65 | 4,773 |
| Other | | 1,165 | 1,046 | 3.56 | 3,724 |
| US 5/ | 192 | 8,794 | 8,242 | 3.56 | 29,316 |
| 1995-96 | | | | | |
| Shiitake | | 6,140 | 5,665 | 3.49 | 19,757 |
| Oyster | | 1,941 | 1,791 | 2.49 | 4,467 |
| Other | | 1,495 | 1,379 | 4.15 | 5,729 |
| US 5/ | 188 | 9,576 | 8,835 | 3.39 | 29,953 |
| 1996-97 | | | | | |
| Shiitake | | 6,837 | 6,475 | 3.40 | 21,994 |
| Oyster | | 2,666 | 2,516 | 2.60 | 6,537 |
| Other | | 1,609 | 1,485 | 4.70 | 6,983 |
| US 5/ | 178 | 11,112 | 10,476 | 3.39 | 35,514 |

- 1/ Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or commercial indoor growing areas.
- 2/ Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.).
- 3/ Virtually all specialty mushroom sales are for fresh market.
- 4/ See footnote 1 on page 3.
- 5/ 1994-95: AR, CA, CO, CT, FL, HI, ID, IL, IA, KY, MA, MI, MN, MS, MO, NY, NC, OH, OR, PA, SC, TN, VA, WA, WI, and WV.
 1995-96: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, KY, MD, MA, MI, MN, MS, MO, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, AND WV.
 1996-97: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, IA, KY, ME, MD, MA, MI, MN, MS, MO, NJ, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, and WV.

Specialty Mushrooms: Area in Production by Variety and United States,
July 1, 1994 - June 30, 1997 1/

| Year and Variety | Area | | |
|------------------|---------------------------|---|----------------------------|
| | Natural Wood Outdoor Logs | Natural Wood Undercover and Indoor Logs | All Other Production Media |
| | ----- 1,000 ----- | | 1,000 Square Feet |
| 1994-95 | | | |
| Shiitake 2/ | 169 | 325 | 1,375 |
| Oyster | | | 314 |
| Other | | | 108 |
| US 3/ | 169 | 325 | 1,797 |
| 1995-96 | | | |
| Shiitake 2/ | 148 | 249 | 1,505 |
| Oyster | | | 259 |
| Other | | | 173 |
| US 3/ | 148 | 249 | 1,937 |
| 1996-97 | | | |
| Shiitake 2/ | 195 | 627 | 1,928 |
| Oyster | | | 282 |
| Other | | | 248 |
| US 3/ | 195 | 627 | 2,458 |

- 1/ Specialty mushroom estimates represent growers who have at least 200 natural wood logs in production or commercial indoor growing areas.
- 2/ Includes small quantity of logs producing oyster mushrooms. These logs are not published separately to avoid disclosure of individual operations.
- 3/ 1994-95: AR, CA, CO, CT, FL, HI, ID, IL, IA, KY, MA, MI, MN, MS, MO, NY, NC, OH, OR, PA, SC, TN, VA, WA, WI, and WV.
 1995-96: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, KY, MD, MA, MI, MN, MS, MO, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, AND WV.
 1996-97: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, IA, KY, ME, MD, MA, MI, MN, MS, MO, NJ, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, and WV.

Agaricus Mushrooms

Agaricus mushroom production totaled 777 million pounds, down slightly from the 1995-96 season, and 1 percent below the 1994-95 season. Pennsylvania had 46 percent of the total volume of sales, and second-ranked California contributed 17 percent. The value of the Agaricus crop was estimated at \$730 million, compared with \$728 million for the 1995-96 season. Brown mushrooms, including Portobello and Crimini mushrooms, were valued at \$47.2 million for the 1996-97 crop. The Brown mushroom crop accounted for 32.7 million pounds, or 4 percent, of the total volume of sales.

The number of Agaricus growers in the U.S. totaled 165, down 15 from last season and 21 below the 1994-95 season. The growing area reached 37.8 million square feet, 9 percent above the previous year. Yields averaged 5.70 pounds per square foot, and producers received an average return of \$5.36 per square foot. U.S. fresh market production was 71 percent of the total, compared with 69 percent last year. The percent processed fell 2 percent to 29 percent for the 1996-97 season. For the 1997-98 crop, most growers plan to keep their total fillings unchanged from the 1996-97 crop or to increase slightly.

Specialty Mushrooms

The volume of sales for commercially grown specialty mushrooms (Shiitake, Oyster and all other exotics) in 1996-97 increased to 10.5 million pounds, up 19 percent from the 1995-96 season and 27 percent above the 1994-95 season. A specialty grower is defined as having at least 200 natural wood logs in production or some commercial indoor growing area. With the average price per pound received by growers unchanged from last year, at \$3.39 per pound, the total value of sales reached \$35.5 million.

Shiitake mushroom sales totaled 6.48 million pounds for the 1996-97 season, up 14 percent from last year's sales. Despite a drop of 9 cents per pound to \$3.40 in the price received by growers, the total value rose to \$22.0 million. The value of sales of Oyster mushrooms rose 46 percent in one season to \$6.54 million, and the value of exotic mushrooms other than Shiitake or Oyster rose 22 percent to \$6.98 million.

The next **"Mushrooms"** report will be released in August 1998.

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*USDA to Hold Data Users Meeting
Holiday Inn Mart Plaza
Chicago, Illinois
October 20, 1997*

The 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 USDA statistical and information programs including the status of the 1997 Census of Agriculture, and to seek comments and input from data users. Other agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board.

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