

Mushroom Grower Inquiry - July 2022

Agaricus and Specialty Mushrooms



**United States Department of Agriculture
National Agricultural Statistics Service**

National Operations Division – Training Group
June 2022



Survey Information

- Project Code: **194 - Mushroom Survey**
- Census of all mushroom growers in the selected states
- Questionnaires:
 - Mailed out mid June
 - Web reporting available
- Release
 - *Mushrooms*
 - August 26th at 3pm

2021 *Mushrooms*

All Mushroom Value of Sales at \$1.06 Billion

Volume of sales of the 2020-2021 United States mushroom crop totaled 758 million pounds, down 7 percent from last season. Value of sales for the 2020-2021 United States mushroom crop was \$1.06 Billion, down 8 percent from the previous season. The average reported price was \$1.40 per pound, down 1 cent from the previous year.

Agaricus and Specialty Mushroom Sales, Price, and Value – United States: 2018-2019, 2019-2020, and 2020-2021

Year	All sales		
	Volume of sales	Price per pound ¹	Value of sales
	(1,000 pounds)	(dollars)	(1,000 dollars)
2018-2019 ²	831,724	1.34	1,114,710
2019-2020 ²	816,367	1.41	1,153,296
2020-2021 ²	757,987	1.40	1,063,849



Screening

- Report for the acres operated or managed.
 - INCLUDE space owned by you as well as leased from others.
- Did you grow any mushroom varieties anytime during the year July 1, 2021 to June 30, 2022?
 - If NO: has operation been sold, rented, turned over?
 - Get new operator information if so

Agaricus Mushrooms

- Total growing area used for harvesting Agaricus from July 1, 2021 – June 30, 2022?
 - Includes White Button, Cremini, and Portabello
 - How much total square footage was filled annually?
 - Growers can use the same space more than once during a year. Ex: operator had 1,000 sq ft total and filled 3 times. They would report 3,000 sq ft under this question.
- Total pounds of Agaricus mushrooms grown from July 1, 2021 – June 30, 2022?

Agaricus Mushrooms

- Agaricus sales: Report pounds sold and value in whole dollar amounts
 - Fresh market, packed by operators firm
 - Sold to brokers or other packers
 - Fresh Market
 - Processing
 - Sold directly to Canners or Freezers
- Note: for firms processing their own mushrooms, value reported is before processing.

Agaricus Mushrooms

- Of the total agaricus sold, how many pounds were brown mushrooms? (Include Cremini and Portabello)
 - What was the value of these brown mushrooms?
- Of the total agaricus sold, how many pounds grown as certified organic?
 - How many actually sold as certified organic?
- How many square feet to be grown July 1, 2022 – June 30, 2023?
 - For fresh market
 - For Processing

Shiitake, Oyster, and Other Specialty Mushrooms

- Separate sections, but questions are the same:
- Growing methods: Number of Logs and Area (Square feet)
 - Outdoor natural wood logs
 - Under-cover or indoor natural wood logs
 - Additional sq. ft. used for growing mushrooms
 - Excluding natural wood logs
- Total quantity (pounds)
 - Harvested but not sold
 - Harvested and sold
- Total value of mushrooms sold
 - If the firm processes its own mushrooms then record value before processing
- Amount grown and sold as certified organic

Change in Operator

- Skips to this section if they answered no to the screening question at the beginning
- Make note of why they did not grow mushrooms this year
 - Collect as much information about the new operator as possible.

Things to Watch Out For

- Sum of parts must equal the whole, if applicable
- Some firms process their own mushrooms
 - Mushroom value is their worth **before** processing
- Ensure any reported as organic are actually **certified** organic.
- Units other than those requested. Make a note if something other than square feet, pounds, whole dollars, etc.

Know What to Expect

- Average Prices (per pound – US average):
 - Agaricus:
 - Fresh Market: \$1.42 Processing: \$0.68
 - Shiitake: \$3.44
 - Oyster: \$2.24
 - Other Specialty Mushrooms: \$3.95
- Expected yield for all mushroom categories is around 4.5 – 7.5 lbs per square foot
- 91% of mushrooms sold for fresh market
- 55% of total crop sold as organic last year

Conclusion

- Notes: The more you can tell us, the better the data will be.
- Concluding questions, comments, concerns? Don't hesitate to contact your supervisor or RFO!

