



Wisconsin Ag News – Cost of Pollination

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Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

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The total value for pollination of all crops in Region 1 for 2022 was 21.9 million dollars according to the latest USDA, National Agricultural Statistics Service – *Cost of Pollination* report. Region 1 includes Connecticut, Illinois, Indiana, Iowa, Kansas, Massachusetts, Maine, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

Blueberries had the highest total value of pollination of crops reported in Region 1 in 2022. The price per colony for blueberries was \$98.40 and price per acre was \$179.00. The total value of pollination for blueberries in Region 1 for 2022 was 8.56 million dollars.

Cranberries had the second highest total value of pollination of crops reported in Region 1 in 2022. The price per colony for cranberries was \$81.60 and price per acre was \$185.00. The total value of pollination for cranberries in Region 1 for 2022 was 5.30 million dollars.

The price per colony for apples in Region 1 was \$91.20 and the price per acre was \$43.80 in 2022. The total value of pollination for apples in Region 1 for 2022 was 3.56 million dollars.

Paid Pollinated Acres, Price per Acre, Colonies Used, Price per Colony, and Total Value of Pollination – Region 1: 2022

Crop	Paid pollinated acres	Price per acre	Colonies used	Price per colony ²	Total value of pollination
	(acres)	(dollars)	(colonies)	(dollars)	(1,000 dollars)
Tree fruit					
Apple	68,400	43.80	39,000	91.20	3,557
Cherry	28,000	34.50	16,500	78.90	1,302
Melons					
Watermelon	3,100	59.60	3,000	80.80	242
Berries					
Blueberry	45,900	179.00	87,000	98.40	8,561
Cranberry	27,700	185.00	65,000	81.60	5,304
Vegetables					
Cucumber	9,300	20.70	10,500	69.70	732
Pumpkin	7,100	40.60	7,500	78.60	590
Squash	5,400	31.20	4,600	63.20	291
All other¹	8,500	47.20	17,000	77.40	1,316
Total	203,400	91.00	250,100	87.50	21,895

¹ Includes crops not categorized above.

² Regional total price per colony is total value of pollination divided by colonies used.

Estimation Regions

To improve the reliability and increase the number of estimates which can be published, estimates are published at regional level, based on the regions used for the 2012 Census of Agriculture. Regions 6 and 7 were combined. The states in each region are as follows:

Region 1: Connecticut, Illinois, Indiana, Iowa, Kansas, Massachusetts, Maine, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Wisconsin.

Region 2: Alabama, Delaware, Georgia, Kentucky, Maryland, North Carolina, South Carolina, Tennessee, Virginia, West Virginia.

Region 3: Arkansas, Florida, Louisiana, Missouri, Mississippi, New Mexico, Oklahoma, Texas.

Region 4: Colorado, Minnesota, Montana, Nevada, North Dakota, South Dakota, Utah, Wyoming.

Region 5: Alaska, Idaho, Oregon, Washington.

Regions 6 & 7: Arizona, California, Hawaii.

Terms and Definitions of Cost of Pollination Estimates

Paid Pollinated Acres: Acreage that an operation paid money to be pollinated by honey bees.

Dollars per Acre: The average price paid by operations to pollinate an acre of crop. Acres pollinated for free or on a non-monetary basis were not included in this calculation.

Colonies Used: The total colonies used to pollinate a crop; regardless of ownership or if on a paid basis.

Dollars per Colony: The average price paid by operations to use a colony for pollination. Colonies owned by the operation or used on a non-monetary basis were not included.

Total Value of Pollination: The total valuation of all pollination, calculated by multiplying the price per colony by colonies used.

The complete report can be found on the USDA NASS website at www.nass.usda.gov/Publications.