



Minnesota Ag News – Cost of Pollination

Minnesota Field Office · 375 Jackson St, Ste 610 · St. Paul, MN 55101 (651) 728-3113
fax (855) 271-9802 · www.nass.usda.gov/mn

Cooperating with the Minnesota Department of Agriculture

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Media Contact: Dan Lofthus

The total value for pollination of all crops in Region 4 for 2022 was \$628,000 according to the latest USDA, National Agricultural Statistics Service – *Cost of Pollination* report. Region 4 includes Colorado, Minnesota, Montana, Nevada, North Dakota, South Dakota, Utah, and Wyoming.

The price per colony for apples in Region 4 was \$51.70 and the price per acre was \$41.00 in 2022. The total value of pollination for apples in Region 4 for 2022 was \$114,000.

The price per colony for cherries was \$32.10 and price per acre was \$36.10. The total value of pollination for cherries in Region 4 for 2022 was \$74,000.

Paid Pollinated Acres, Price per Acre, Colonies Used, Price per Colony, and Total Value of Pollination – Region 4: 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	1,750	41.00	2,200	51.70	114
Cherry	1,210	36.10	2,300	32.10	74
All other¹	1,650	52.60	8,000	55.00	440
Total	4,610	44.20	12,500	50.20	628

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.