



# Minnesota Ag News – Barley Varieties

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## Lacey Remains Most Popular Variety on Increasing Barley Acreage

Barley planted acres increased 64 percent from 2011's record low planted acreage. For the fifth year in a row, Lacey commands the majority of barley acres. Lacey accounts for 55 percent of the acres planted, with 63,500 acres. Robust ranks second with 20,700 acres, or 18 percent of the total. Tradition is third most planted with 10,600 acres, followed by Legacy with 3,700 acres. Quest, a new variety introduced in 2010, accounts for more than 1 percent of barley planted for the first time, with 3,500 acres. Royal, Conlon, Rasmusson, and Drummond round out the list of varieties that have 1 percent or more of planted acres with 3,200 acres, 2,700 acres, 2,000 acres, and 1,200 acres, respectively. Excel, Haybet, and Stellar-ND each account for less than one percent of the total barley planted this year.

The majority of the barley planted, 69 percent, is in Minnesota's Northwest District (10), with 79,400 acres. The Central District (50) followed with 12,700 acres, the West Central (40) with 7,800 acres, and the Southeast (90) with 6,400 acres. The remaining five districts categorized in "Other" (99) have 7.6 percent, or 8,700 acres of the state's estimated 115,000 total acres.

Lacey is a six-row malting variety characterized by high yield, medium maturity, good lodging resistance, and medium kernel plumpness. The majority of the Lacey acreage is planted in the Northwest District with 52,600 acres, followed by the West Central District with 5,000 acres, and the Central District with 2,800 acres. The remaining districts are estimated at a total of 2,800 acres.

Robust, the second most planted barley variety in the state, is a six-row malting variety and is characterized by good kernel plumpness, medium yield and maturity, and medium lodging resistance. Robust is planted across the state with 9,900 acres in the Northwest District, 4,500 acres in the Central District, 3,100 acres in the Southeast District, and 1,200 acres in the West Central District. There is an estimated 2,000 acres of Robust planted in Other Districts.

Tradition acres increased this year as it became the third most planted variety in the state with 10,600 acres, or 9 percent of total acres planted. Tradition is characterized as a six-row malting variety with high yield, medium maturity, good lodging resistance, and good kernel plumpness. The highest number of Tradition acres came in the Northwest District, with 9,400 acres. The remaining acres are spread throughout the Central, Southeast, and Other Districts.

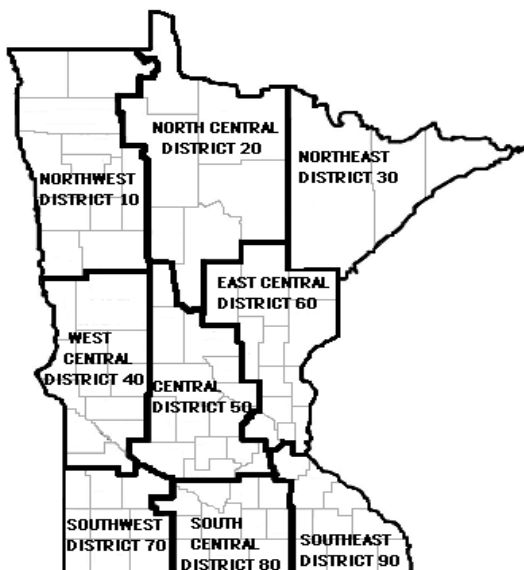
Quest is a new variety with improved resistance to Fusarium head blight and 40 percent lower deoxynivalenol (DON). The Minnesota Agricultural Experiment Station released Quest in 2010. It is characterized as a six-row malting variety with high yield, medium maturity, and moderate lodging resistance. Quest accounts for 3,500 acres, or 3 percent of total barley acres.

Legacy, Royal, Conlon, Rasmusson, and Drummond, all malting varieties with the exception of the forage crop variety Royal, each account for less than five percent of Minnesota's planted barley acreage. Legacy has 3,700 acres, or 3 percent of the state's total with the heavier planting seen in Other Districts. Royal has 3,200 acres, or 3 percent of the state's total, with planting concentrated in the Central and Southeast Districts. Conlon acres were most seen in the Northwest and Central Districts with 2,700 acres, or 2 percent of the state's total. Rasmusson has 2,000 acres, 2 percent of the total, and is scattered throughout all districts. Drummond had 1,200 acres, 1 percent of the barley total, with the majority in the Northwest District.

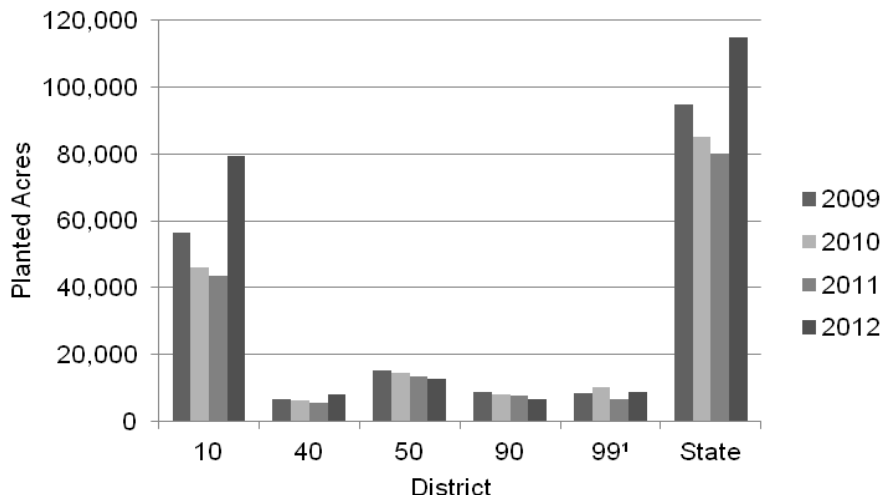
The remaining 3,900 acres of the state's barley acreage is a combination of other varieties including: Celebration, Excel, Hazen, Larker, MNBrite, Morex, Stander, Stark, Stellar-ND, and mixed varieties. The American Malting Barley Association, Inc. (AMBA) recommends the following six-row malting barley varieties for 2012: Celebration, Lacey, Legacy, Quest, Robust, Stellar-ND, and Tradition. The two-row malting barley varieties recommended by the AMBA for 2012 include: AC Metcalfe, CDC Copeland, Charles, Conlon, Conrad, Harrington, Hockett, Merit, Merit 57, Moravian 37, Moravian 69, Pinnacle, and Scarlett.

Barley varietal information was provided by the Minnesota Agricultural Experiment Station, University of Minnesota. Partial funding for this survey was provided by the American Malting Barley Association, Inc.

Minnesota's Agricultural Statistics Districts



2009-2012 Acreage Planted By District



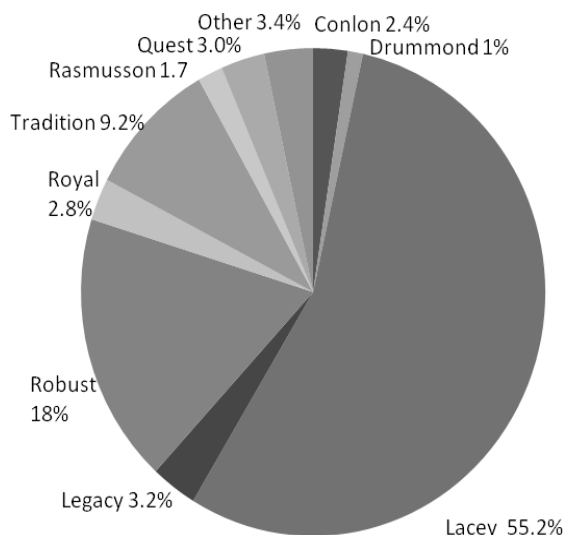
<sup>1</sup> 99 includes the Northeast, East Central, Southwest, South Central, and North Central

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## BARLEY: PERCENT SEEDED MINNESOTA, 2008-2012<sup>3</sup>

**2012 Percent of State Total,  
By Variety**



Variety	2008	2009	2010	2011	2012	2012 Acres Planted
	Percent					
Conlon	1.8	(4)	(4)	(4)	2.4	2,700
Drummond	2.2	(4)	(4)	(4)	1.0	1,200
Haybet	(4)	(4)	1.2	(4)	(4)	(4)
Excel	(4)	(4)	(4)	1.1	(4)	(4)
Lacey	54.6	55.7	52.8	58.9	55.2	63,500
Legacy	(4)	(4)	2.9	1.7	3.2	3,700
Quest <sup>1</sup>	--	--	(4)	(4)	3.0	3,500
Rasmusson	--	3.7	4.8	3.4	1.7	2,000
Robust	27.8	20.0	23.6	20.3	18.0	20,700
Royal	3.2	5.1	4.2	5.0	2.8	3,200
Stellar-ND	(4)	1.2	(4)	(4)	(4)	(4)
Tradition	8.0	9.6	6.4	4.7	9.2	10,600
Other <sup>2</sup>	2.4	4.7	4.0	4.9	3.4	3,900
<b>TOTAL</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>115,000</b>

- <sup>1</sup> Previously included in Other  
<sup>2</sup> Other includes varieties not listed and unknown varieties.  
<sup>3</sup> Note: Percents may not add to 100 due to rounding.  
<sup>4</sup> Less than 1 percent of the state's acres; Amount included in Other

## BARLEY: PERCENT AND ACREAGE SEEDED, BY DISTRICT MINNESOTA 2012

Variety	Northwest	West Central	Central	Southeast	Other Districts	STATE
	Percent					
Conlon	2.1	(3)	4.7	(3)	(3)	2.4
Drummond	1.1	(3)	(3)	(3)	(3)	1.0
Lacey	66.2	64.1	22.0	(3)	32.2	55.2
Legacy	1.0	(3)	(3)	(3)	28.7	3.2
Robust	12.5	15.4	35.4	48.4	23.0	18.0
Royal	(3)	(3)	11.8	20.3	(3)	2.8
Tradition	11.8	(3)	6.3	(3)	(3)	9.2
Rasmusson	(3)	9.0	(3)	(3)	5.7	1.7
Quest	3.8	6.4	(3)	(3)	(3)	3.0
Other <sup>1</sup>	(3)	(3)	14.2	12.5	(3)	3.4
Variety	Acres					
	Conlon	1,700	(3)	600	(3)	(3)
Drummond	900	(3)	(3)	(3)	(3)	1,200
Lacey	52,600	5,000	2,800	(3)	2,800	63,500
Legacy	800	(3)	(3)	(3)	2,500	3,700
Robust	9,900	1,200	4,500	3,100	2,000	20,700
Royal	(3)	(3)	1,500	1,300	(3)	3,200
Tradition	9,400	(3)	800	(3)	(3)	10,600
Rasmusson	(3)	700	(3)	(3)	500	2,000
Quest	3,000	500	(3)	(3)	(3)	3,500
Other <sup>1</sup>	(3)	(3)	1,800	800	(3)	3,900
<b>TOTAL<sup>2</sup></b>	<b>79,400</b>	<b>7,800</b>	<b>12,700</b>	<b>6,400</b>	<b>8,700</b>	<b>115,000</b>

- <sup>1</sup> Other includes varieties not listed and unknown varieties  
<sup>2</sup> Totals may not add up due to confidentiality.  
<sup>3</sup> Less than 1 percent or 500 acres of the District's acreage; Amount included in Other or Other Districts.