

## 2019 Spring Barley Varieties for Grain and Forage

**PVP LICENSED VARIETY KEWAUNEE BARLEY** — Kewaunee is a six-rowed, smooth-awned variety that was released by the University of Wisconsin-Madison in 1997. Kewaunee is high-yielding as shown in Wisconsin statewide trials. Kewaunee has good test weight, lodging resistance, and resistance to leaf rust, stem rust, powdery mildew and spot blotch. Kewaunee heads about the same time as Chilton and Morex, and is approximately the same height as Hazen and Robust. Kewaunee is a feed barley. Kewaunee is a U.S. Plant Variety Protected Variety (PVPA 1994). Seed of Kewaunee can legally be produced and labeled for sale only as Certified seed by growers who have been licensed by the Wisconsin Crop Improvement Association or its legal agent.

**PVP LICENSED VARIETY RASMUSSON BARLEY** — Rasmusson is a high yielding malting variety with improved malting quality characteristics released by Minnesota Agricultural Experiment Station in 2008. It is a six-rowed, semi-smooth awn, white aleurone variety with good kernel plumpness. Rasmusson is shorter than most current six-rowed malting varieties in the Midwest with very good lodging resistance. It is similar to Robust for scab reaction and is resistant to spot blotch. Rasmusson is a U.S. Plant Protected Variety (PVPA 1994). Seed of Rasmusson can legally be produced and labeled for sale only as a class of certified seed. A license is required for seed production.

**PVP LICENSED VARIETY PINNACLE BARLEY** — Pinnacle is a malting variety that was released by North Dakota Agricultural Experiment station in 2008. Pinnacle is a two-rowed, smooth-awned, long rachilla, white aleurone and plump seeded variety with some drought resistance. It has spot blotch resistance that approaches that of Lacey and Drummond. Pinnacle is a U.S. Plant Protected Variety (PVPA 1994). Seed of this variety can only be sold as a class of certified seed. A License is required for seed production.

## 2018 Spring Oat Varieties for Forage

**PVP LICENSED VARIETY FORAGEPLUS OATS** — ForagePlus oats was released by the University of Wisconsin-Madison in 2001. ForagePlus is a tall, very late maturity oat that heads 5 to 7 days later than Ensiler and Belle. It has exceptionally high forage yields. ForagePlus can be harvested over a longer than normal time period because it has excellent yields, even with early harvest. ForagePlus has good grain yields, yellow kernels and excellent resistance to crown rust. ForagePlus is a U.S. Plant Protected Variety (PVPA 1994). Seed of ForagePlus can be legally produced and labeled for sale by members of Pro Seed Genetics who have been licensed by the Wisconsin Crop Improvement Association.

**PVP LICENSED VARIETY LAKER OATS** — Laker was released by the University of Wisconsin-Madison in 2017. Laker is a tall, late maturity oat that heads out 6 days earlier than ForagePlus. It is one of the highest yielding forage oats lines in terms of dry biomass. Laker has high forage quality, similar to ForagePlus in terms of Relative Forage Quality (RFQ), Percentage Crude Protein and milk production. The U.S. Plant Protected Variety (PVPA 1994) for Laker Oats is being applied for at the time of printing. Seed of Laker can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement Association.

**PVP LICENSED VARIETY VISTA OATS** — Vista is a mid-late season oat variety released by the University of Wisconsin in 1999. Vista has consistently high grain yields in Wisconsin statewide tests with seed test weights similar to Ogle. Vista heads three days later than Ogle. Plant height is similar to Troy with lodging similar to Gem. Vista has excellent crown rust resistance and tolerance to barley yellow dwarf virus. Vista is a U.S. Plant Protected Variety (PVPA 1994). Seed of Vista can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement or its legal agent.

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# WISCONSIN CROP IMPROVEMENT ASSOCIATION



# SPRING BARLEY GRAIN AND BARLEY/OAT FORAGE

**DATA FOR 2019 PLANTING**

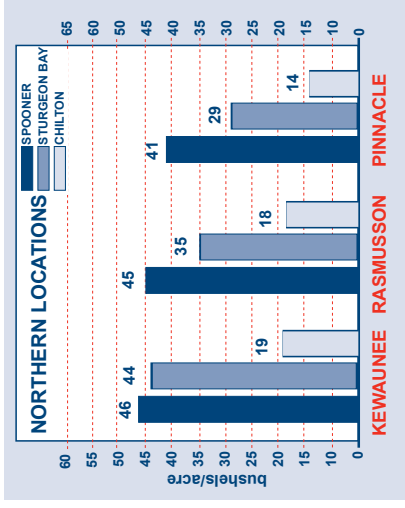
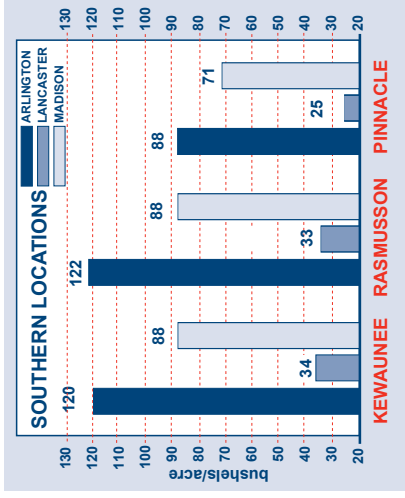
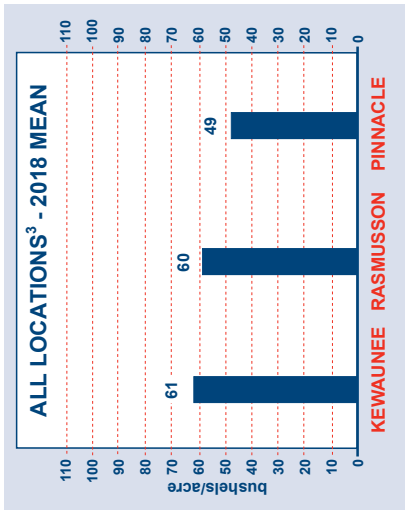
# Spring Barley Variety Grain Descriptions

Variety	Plant Characteristics					Disease Resistance <sup>1</sup>						
	Awns	Quality	Maturity (head date)	Height (in.)	Lodging <sup>2</sup> %	Test Wt. (lb/bu)	Leaf Rust	Stem Rust	Loose Smut	Powdery Mildew	Spot Blotch	PVP
<b>Kewaunee</b>	smooth	feed	6/20	32	med	43.7	R	R	R	IR	R	yes
<b>Rasmusson</b>	semi-smooth	malt	6/22	30	med	45.5	R	R	R	IR	R	yes
<b>Pinnacle</b>	smooth	malt	6/25	31	strong	46.7	R	R	R	---	MR	yes

<sup>1</sup>R = excellent resistant, IR = intermediate or very good, MR = moderate or good, S = susceptible or poor resistance

<sup>2</sup>Lodging: strong = less than 15%; medium = 15% to 35%; weak = greater than 35%

## 2018 WISCONSIN SPRING BARLEY VARIETY GRAIN YIELD DATA

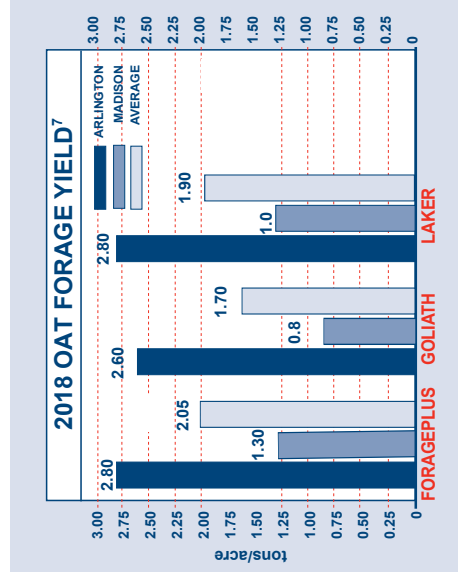
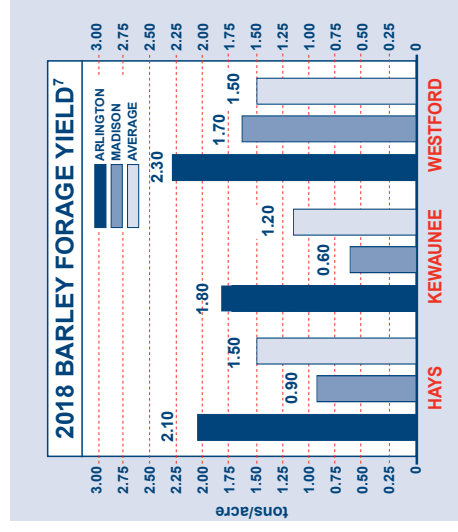


<sup>3</sup>All Locations mean includes Arlington, Lancaster, Madison, Marshfield, Spooner and Sturgeon Bay.

## 2018 WISCONSIN BARLEY/OAT FORAGE DATA

2018 Barley Forage Characteristics <sup>4</sup>			
Variety	Harvest Date <sup>5</sup>	Crude Protein	RFQ <sup>6</sup>
<b>Hays</b>	July 5	12.8	125
<b>Kewaunee</b>	July 1	13.7	131
<b>Westford</b>	July 8	11.8	130

2018 Oat Forage Characteristics <sup>4</sup>			
Variety	Harvest Date <sup>5</sup>	Crude Protein	RFQ <sup>6</sup>
<b>ForagePlus</b>	July 11	11.1	128.2
<b>Goliath</b>	July 3	11.1	140.3
<b>Laker</b>	July 8	11.8	136.7



<sup>4</sup>Arlington data.

<sup>5</sup>Harvested at late boot/early heading.

<sup>6</sup>RFQ= Relative forage quality. Relative forage quality values can be used to make comparisons among varieties listed in this table, but should not be used to compare with other crops such as alfalfa.

<sup>7</sup>Forage Dry Matter Data. Information for data/tables is from the University of Wisconsin 2018 trials and can be viewed at [http://www.coolbean.info/small\\_grains/small\\_grains.php](http://www.coolbean.info/small_grains/small_grains.php)