

Wisconsin Certified Oat Variety Descriptions

Variety	Plant Characteristics ¹							Disease Resistance ²					
	Origin	Kernel Color	Maturity (head date)	Height (in.)	Lodging %	Test Wt. (lb/bu)	Kernel Protein	Crown Rust	Stem Rust	Sep-toria	Smut	BYDV	Licensed and/or PVP
Dane	WI	yellow	6/18	35	32	35.6	med	S	MR	S	R	S	yes
Antigo	WI	yellow	6/19	35	17	41.9	med/high	MR	S	---	MR	MR	yes
Badger	WI	yellow	6/19	33	21	37.5	med	S	R	MR	R	R	yes
Shelby 427	SD	white	6/21	37	37	37.7	med/high	MS	MS	MR	MR	MR	yes
Esker	WI	yellow	6/22	34	22	36.9	med	MS	MS	MR	R	R	yes
Horsepower	SD	white	6/22	31	38	36.6	med	S	R	MR	R	MR	yes
Ogle	IL	yellow	6/22	36	28	35.4	low	S	S	S	S	R	no
BetaGene™	WI	yellow	6/22	32	24	37.3	---	MR	---	---	---	MR	yes
Hayden	SD	white	6/23	35	39	39.7	---	MS	MS	---	R	MR	yes
Ron	WI	yellow	6/25	34	23	35.0	med	MR	---	R	R	MR	yes
Vista	WI	yellow	6/26	35	32	37.8	low	MS	R	MS	R	MR	yes
Deon	MN	yellow	6/27	34	29	39.3	med	MR	---	R	R	R	yes

¹ Three year average

² R = excellent resistant, IR = intermediate or very good, MR = moderate or good, S = susceptible or poor resistance



ANTIGO — Antigo is an early maturity variety released from the University of Wisconsin-Madison in 2017. Antigo has excellent test weight and high yields. Antigo heads out one day later than Badger and two days earlier than Esker. Antigo is two inches taller than Badger and two inches shorter than Esker and Ron. Lodging is similar to Esker and Natty and less than Drumlin and Vista. It is modestly resistant to crown rust. Antigo has high dehulling efficiency, average groat percentage while is high in protein and oil. The U.S. Plant Protected Variety (PVPA 1994) for Antigo Oats is being applied for at the time of printing. Seed of Antigo can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement or its legal agent.



BADGER — Badger is an early season oat developed at the University of Wisconsin released in 2010. It has a heading date that is one day earlier than Kame. Badger has had consistently high grain yields and excellent test weight. Lodging percentage is about equal to Vista. Badger is one inch shorter than Kame. Badger has good barley yellow dwarf virus tolerance and very good crown rust resistance. Badger is a U.S. Plant Protected Variety (PVPA 1994). Seed of Badger can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement or its legal agent.



BETAGENE™ — Betagene is a mid-late maturity variety with good yield potential and high beta-glucan levels released at the University of Wisconsin in 2015. BetaGene™ has good test weights, similar to Vista and heads out 2 days later than Esker and 2 days earlier than Vista. BetaGene™ is 3 inches shorter than Vista and similar in height to Excel with lodging similar to Deon. Very good crown rust resistance and BYDV tolerance comparable to both Ron and Vista. BetaGene™ is U.S. Plant Protected Variety (PVPA 1994), Title V, as X8787-1. Seed of BetaGene™ can be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement Association or its legal agent.



DEON — Deon is a late season high yielding variety released by the Minnesota Agricultural Experiment Station in 2011. Deon is medium yellow in color with overall good agronomic traits including good test weight. Deon's height and lodging score is similar to Rockford. Resistant to smut and moderately resistant to crown rust and BYDV. Deon is a U.S. Plant Protected Variety (PVPA 1994), Title V. A license is required for seed production.



ESKER — Esker is a mid-season oat which has had consistently high grain yields. Heading date is about 1 day later than Dane. Plant height is about an inch shorter than Drumlin. Lodging is less than Vista, but more than Dane.



BYDV tolerance is comparable to that of Ogle. Crown rust resistance is good. Released in 2004, Esker oats is exclusively licensed by Wisconsin Alumni Research Foundation to Wisconsin Crop Improvement. Esker is a U.S. Plant Protected Variety (PVPA 1994). Seed of Esker can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement Association or its legal agent.



RON — Ron is a mid-late season variety released by the University of Wisconsin in 2014. Ron has a good test weight, similar to those of Esker. The heading date of Ron is about 1 day earlier than Drumlin and 3 days later than Esker. Ron has similar height to Drumlin and is slightly shorter than Esker with lodging equal to Badger. BYDV tolerance is comparable to that of Esker, Drumlin and Horsepower. Crown rust resistance is very good, comparable to Forage Plus. Ron is a U.S. Plant Protected Variety (PVPA 1994). Seed of Ron can legally be produced and labeled for sale only by growers who have been licensed by the Wisconsin Crop Improvement Association or its legal agent.

For variety descriptions not listed visit wcia.wisc.edu.

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Certified Seed
Dealer

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CERTIFIED OATS CERTIFIED OATS CERTIFIED OATS

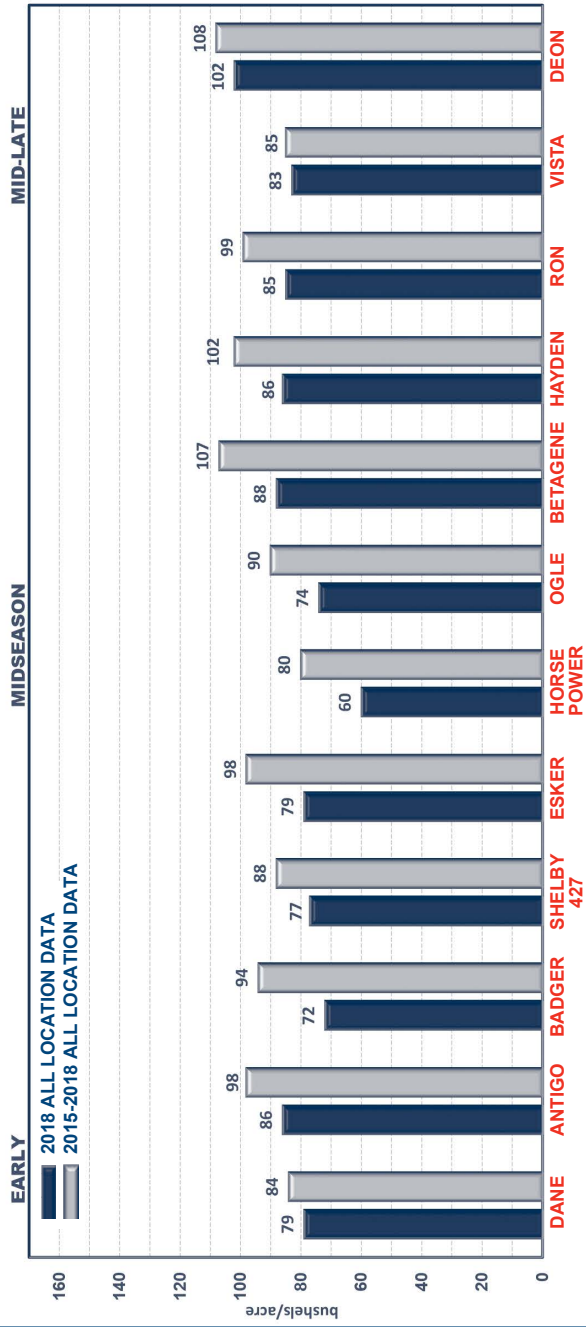
WISCONSIN CROP IMPROVEMENT ASSOCIATION

OAT DATA FOR 2019 PLANTING

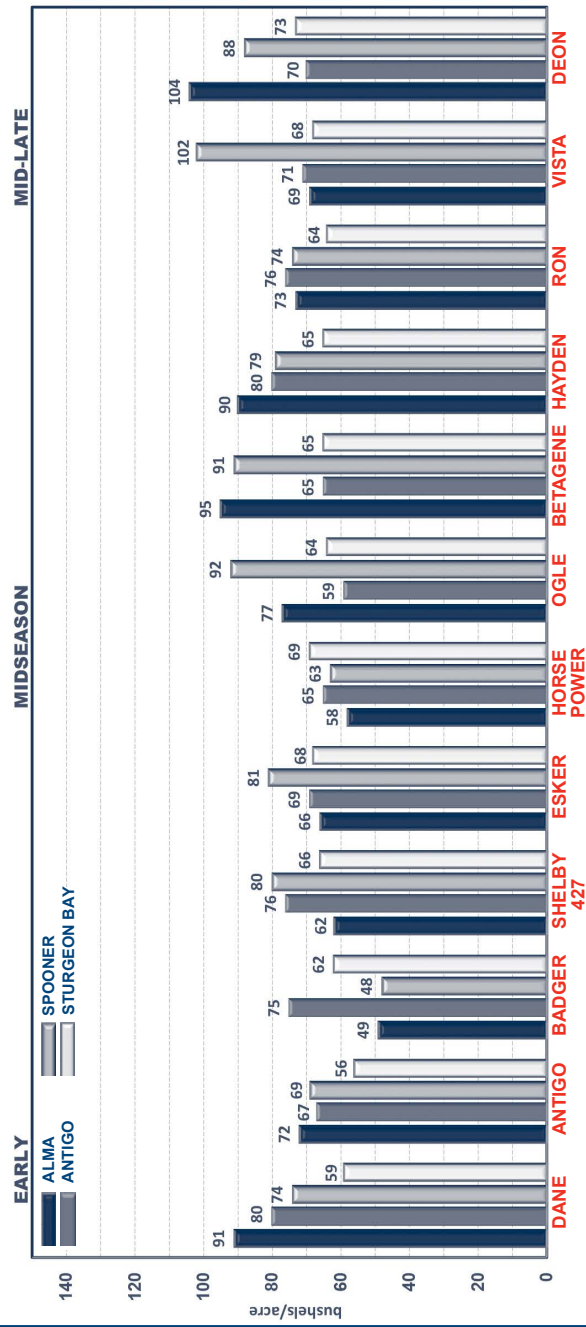


2018 WISCONSIN OAT VARIETY YIELD DATA

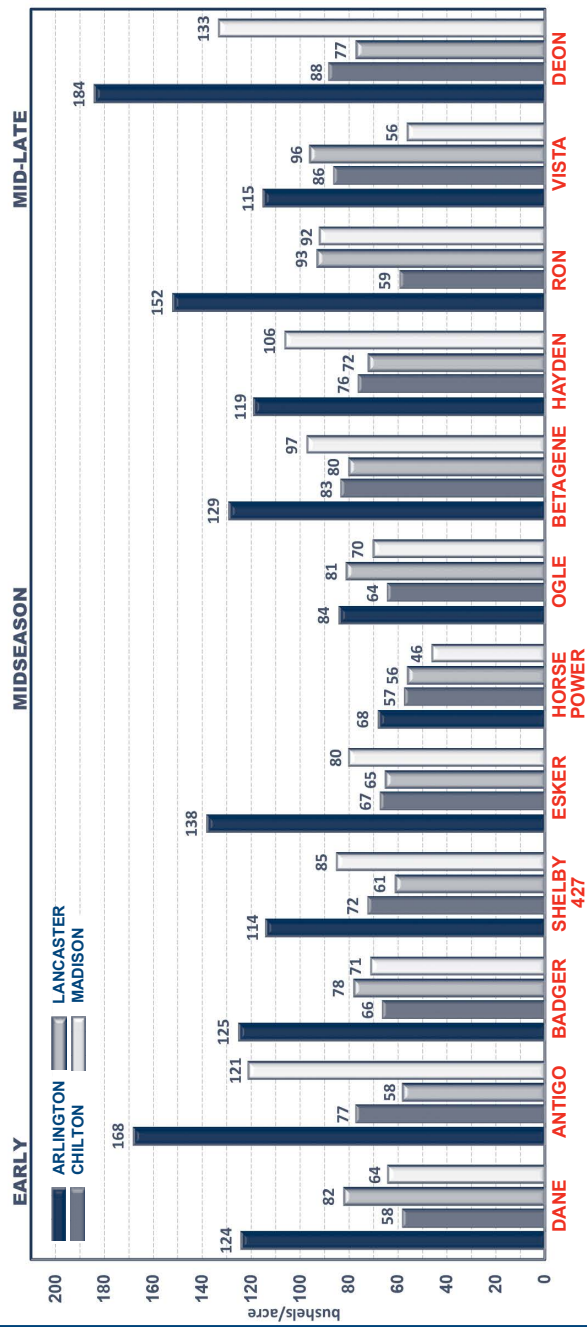
ALL LOCATIONS - MEAN *



2018 NORTHERN LOCATIONS



2018 SOUTHERN LOCATIONS



* All Locations mean includes Arlington, Lancaster, Madison, Spooner, Sturgeon Bay, and Chilton. Information for data/tables is from the University of Wisconsin 2017 trials and can be viewed at http://www.coolbean.info/small_grains/small_grains.php.