

BETAGENE™ OATS YIELD IN WISCONSIN

THREE YEAR AVERAGE
(BUSHELS PER ACRE)

TEST LOCATIONS	BETAGENE™ (mid-late)	BADGER (early)	KAME (early)	ESKER (mid)	OGLE (mid)	RON (mid-late)	VISTA (late)
ARLINGTON	133	138	123	139	126	100	111
MADISON	90	94	89	91	91	105	79
LANCASTER	123	112	115	123	122	122	116
MARSHFIELD	95	77	76	79	75	92	80
SPOONER	82	65	72	90	88	100	91
STURGEON BAY	91	63	73	84	95	83	93
Average	102	91	91	101	100	100	95



MIDWEST REGIONAL UMOPN OAT REPORT BETA-GLUCAN LEVELS

BETAGENE™ OATS	7.3%
AVERAGE ALL OTHER 35 LINES	5.5%

BETAGENE™ is a U.S. Plant Protected Variety (PVPA 1994), as “X8787-1”, and licensed through the Wisconsin Crop Improvement Association.

**ASK YOUR SEED DEALER FOR
WISCONSIN CERTIFIED SEED**

For more information contact:

Small Grains Breeding Program
Department of Agronomy
College of Agricultural and Life Sciences
University of Wisconsin-Madison
1575 Linden Dr., Madison, WI 53706
(608) 262-1650

Or Visit Wisconsin Crop Improvement
Association at wcia.wisc.edu

New From Wisconsin

BETAGENE™ OATS



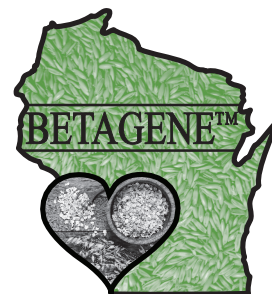
Developed and Released by
Department of Agronomy
College of Agricultural and Life Sciences
University of Wisconsin-Madison

BETAGENE™ OATS

A Newly Developed, Mid-late Maturity,
High-Yielding Oats Variety

BETAGENE™ is a mid-late maturity variety with good yield potential and high beta-glucan levels developed at the University of Wisconsin. In Wisconsin 17 statewide trials (6 locations over 3 years), **BETAGENE™** achieved consistently high grain yields and good test weights. **BETAGENE™** 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 great resistance to lodging. **BETAGENE™** has very good crown rust resistance and BYDV tolerance, making it comparable to both Ron and Vista.

BETAGENE™ Oats' high beta-glucan levels make this oat variety ideal for both human and animal consumption. **BETAGENE™** won a Wisconsin Alumni Research Foundation innovation award for its high soluble fiber content and cholesterol lowering potential. In three-year regional trials, **BETAGENE™** ranked #1 in beta-glucan levels, with levels reaching 7.3%. **BETAGENE™** has up to 2% higher beta-glucan than other oat varieties, this advantage translates to 20% when processed into food products providing a heart-healthy potential.



- ✓ High Grain Yield
- ✓ Good Test Weight
- ✓ Mid-late Season Maturity
- ✓ High Beta-Glucan Content
- ✓ Very Low Lodging
- ✓ Good Tolerance to BYDV
- ✓ Good Tolerance to Crown Rust

**SEED AVAILABLE FOR
2016 ON-FARM PLANTING**

Agronomic Performance and Disease Characteristics of BETAGENE™ OATS at Wisconsin Agricultural Research Stations

	Yield (bu/ a)	Test Wt. (lbs / bu)	Head Date	Height (inches)	Lodging ¹ (%)	BYDV ² (1 - 9)	Crown Rust ³ (1 - 5)
VARIETY	17 ⁴	17 ⁴	19 ⁴	19 ⁴	19 ⁴	8 ⁴	6 ⁴
BETAGENE™ (mid-late)	103	36.3	6/28	35	14	2.2	1.2
BADGER (early)	91	35.9	6/23	32	20	2.4	1.8
DANE (early)	86	35.6	6/23	34	24	2.4	2.1
KAME (early)	91	34.4	6/25	33	25	3.0	2.0
SHELBY 427 (mid)	97	39.1	6/25	38	24	1.9	1.2
ESKER (mid)	102	36.7	6/26	35	19	1.9	1.7
HORSEPOWER (mid)	110	38.5	6/26	33	23	1.9	1.4
OGLE (mid)	100	35.5	6/26	36	23	2.3	1.7
RON (mid-late)	100	37.6	6/29	37	21	2.0	1.1
DRUMLIN (mid-late)	98	36.6	6/30	36	26	2.0	1.4
VISTA (mid-late)	96	35.9	6/30	38	26	3.3	1.3
DEON (late)	104	38.1	7/1	38	16	2.1	1.0
ROCKFORD (late)	100	38.0	7/1	39	19	2.0	1.3

BETAGENE™ is a licensed Plant Protected Variety as X8787-1. All seed sold must be labeled as BetaGene™.

¹ Lodging 0-100 scale: 0= all standing 100=all flat

² BYDV (Barley yellow dwarf virus) 1-9 scale: 1.0-3.0=resistant 3.1-5.0=good resistance 5.1-7.0= moderate resistance 7.1-9.0=susceptible

³ Crown Rust 1-5 scale: 1.0-2.0= resistant 2.1-3.0=good resistance 3.1-4.0=moderate resistance 4.1-5.0= susceptible

⁴ Number of tests at research stations during 2012, 2013, and 2014.