

Technical Bulletin

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SeCan

Canada's Seed Partner

ORe3541M White Hulled Milling Oat



A short strong strawed oat that is well adapted to the western Prairie environment. This is the first of two oat varieties from Oat Advantage, a new private breeding program near Saskatoon, SK.

Strengths:

- High percent plump seed
- Low percent thins
- High test weight
- Very good lodging resistance
- Short strong straw
- Resistant to crown rust
- White hull

Neutral Traits:

- Earlier maturing in Manitoba
- Yields are very comparable to currently marketed varieties

Weaknesses:

- Still needs to be large scale test milled before getting on the approved list

Breeder:

Jim Dyck
Oat Advantage
Saskatoon, SK

Western Cooperative Registration Trial, 2013 & 2014 Data

Variety	Yield Black	Crown Rust	Smut	BYVD	Stem rust	Height	Lodging	Plump%	Thins%
Leggett	100%	R	R		I	107	3.3	83.8%	4%
AC Morgan	104%	S	I		S	111.2	2.5	82.6%	4.6%
ORe3541M	102%	R	R	MS	S	103.1	2.7	92.1%	2.8%
ORe3542M	101%	R	R	S	S	102.5	2.2	94.9%	1.9%

2018 Seed Manitoba - Oat Comparison

Variety	Yield bu/ac	Relative Maturity (Days)	Height inches	Test Wt. lb/bu	% Hull	Hull Colour	Lodging	Resistance to:			
								Smut	Crown Rust	Stem Rust	BYDV
CDC Norseman	151	-3	5	-1.0	20.5	White	G	MS	MR	S	I
ORe3542M	150	-1	-2	-1.1	24.4	White	VG	R	R	S	S
Souris	143	-4	0	0.5	20.9	White	G	R	MS	MR	MS
Summit	149	0	-3	0.5	20.8	White	G	R	I	I	I
ORe3541M	148	-2	-2	0.6	23.3	White	VG	R	R	S	MS

M=Medium; L=Late; VL=Very Late G=Good; VG=Very Good; P=Poor; VP = Very Poor; F=Fair
R=Resistant; MR=Moderately resistant, I=Intermediate; MS=Moderately susceptible; S=Susceptible

For more information, call 1-800-665-7333 or visit www.secan.com