

# ORE3541M

## WHITE HULLED MILLING OAT

**SeCan**

Canada's Seed Partner



## Characteristics

<b>Yield</b>	High
<b>Straw Strength</b>	Strong
<b>Maturity</b>	Average
<b>Height</b>	Short

## ORE3541M

ORe3541M is a short strong strawed white hulled milling oat with good grain yield potential and very plump seed. ORe3541M is the 1st of 2 new oat varieties from Oat Advantage, a new private breeding program near Saskatoon, SK. ORe3541M is well suited for production across all of western Canada.

"This variety is exclusively licensed to NDCISA, any unauthorized propagation is prohibited."

**Approved for Milling** - Contact your local processor/handler for details in your area

## Strengths

- High percent plump seed greater than all checks but slightly lower plump than ORe3542M
- Very low percent thins, lower than all the checks
- Very high test weight, greater than all the checks and ORe3542M
- Very good lodging resistance
- Short strong straw, shorter than all the checks and slightly shorter than ORe3542M
- Resistant to crown rust and smut
- White hull

\* Weakness: Moderately susceptible to BYDV

\* Susceptible to stem rust

## NEUTRAL TRAITS

- Similar maturity to the checks, earlier maturing in Manitoba
- Grain yield equal to the average of the checks
- Average groat percentage, slightly lower than the average of the checks but greater than ORe3542M



**Breeder**

Jim Dyck  
Oat Advantage  
Saskatoon, SK

## 2013-2014 Western Cooperative Oat Test

ENRTY	YIELD AS % AVERAGE OF CHECKS	MATURITY (DAYS)	LODGING 1 = ERECT 9 = FLAT	HEIGHT (CM)	TEST WEIGHT (KG/HL)	% PLUMP KERNELS	% THIN KERNELS	% GROAT	STEM RUST	CROWN RUST	SMUT	BYVD
CDC Dancer	97.7	94.8	3.2	113.8	52.4	87.5	3.8	68.8	I	R	R	MS
AC Morgan	102.6	97.5	2.5	111.2	50.2	82.6	4.6	63.4	S	S	I	R
Leggett	99.3	97.8	3.3	107.0	52.4	83.8	4.0	67.2	I	R	R	MS
ORe3542M	102.3	97.1	2.2	102.5	51.1	94.9	1.9	64.5	S	R	R	S
ORe3541M	100.6	96.2	2.7	103.1	53.2	92.1	2.8	66.2	S	R	R	MS

R = Resistant, MR = Moderately Resistant, I = Intermediate, MS = Moderately Susceptible, S = Susceptible

## 2020 Seed Manitoba - Oat Comparison

VARIETY	SITE YEARS TESTED	YIELD BU/AC	MARURITY +/- 96 DAYS	HEIGHT +/- 84CM	TEST WEIGHT +/- 39.3LB/BU	% HULL	HULL COLOR	RESISTANCETO:				
								LODGING	SMUT	CROWN RUST	STEM RUST	BYDV
Leggett	144	142	0	0	0	23.0	WHITE	G	R	R	I	MS
CDC Dancer	40	137	-3	+13	0.5	19.6	WHITE	G	R	I	I	MS
CDC Norseman	31	149	-3	+5	-1.0	20.5	WHITE	G	MS	MR	S	I
ORe3542M	25	143	-1	-2	-1.1	24.4	WHITE	VG	R	R	S	S
Souris	60	141	-4	0	0.5	20.9	WHITE	G	R	MS	MR	MS
Summit	62	148	0	-3	0.5	20.8	WHITE	G	R	I	I	I
ORe3541M	25	141	-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

## 2020 Saskatchewan Varieties of Grain - Oat Comparison

VARIETY	YIELD AS % OF CDC CAMDEN		TEST WEIGHT (G/0.5L)	% HULL	% PLUMP	MATURITY RATING	HEIGHT (CM)	RESISTANCETO:			
	AREA 1 & 2	AREA 3 & 4						LODGING	STEM RUST	CROWN RUST	SMUT
CS Camden	100	100	242	24.3	82	L	94	VG	S	MS	I
AC Morgan	100	102	236	25.1	82	L	101	VG	S	S	I
CDC Norseman	95	95	241	20.0	81	M	102	G	S	MR	MS
96	90	90	274	22.5	95	L	93	VG	S	R	R
ORe3541M	94	88	257	21.5	90	L	93	VG	S	R	R

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

## 2020 Alberta Seed Guide - Oat Comparison

VARIETY	OVERALL STATION YEARS OF TESTING	OVERALL YIELD	YIELD AS % OF CDC BALER				MATURITY RATING (DAYS +/- CDC DANCER)	TEST WEIGHT (LB/BU/0)	KERNEL WEIGHT (G/1000)	HEIGHT (CM)	RESISTANCE TO:	
			LOW <70 BU/AC	MED. 71 - 100 BU/AC	HIGH 100-130 BU/AC	VERY HIGH >130 BU/AC					LODGING	SMUT
CDC Dancer (bu/ac)		101	48	84	110	150						
CDC Dancer		100	100	100	100	100	98	41	37	106	G	R
AC Morgan	86	113	114	110	117	114	+3	40	41	104	VG	I
ORe3542M	35	106	XX	XX	111	103	+2	40	42	99	VG	R
ORe3541M	35	103	XX	XX	107	102	+1	41	41	101	VG	R

G = Good, VG = Very Good, P = Poor, VP = Very Poor, F = Fair R = Resistant, MR = Moderately Resistant, I = Intermediate, MS = Moderately Susceptible, S = Susceptible