

2026 MANITOBA GROWER'S GUIDE

# PULSE & SOYBEAN VARIETIES

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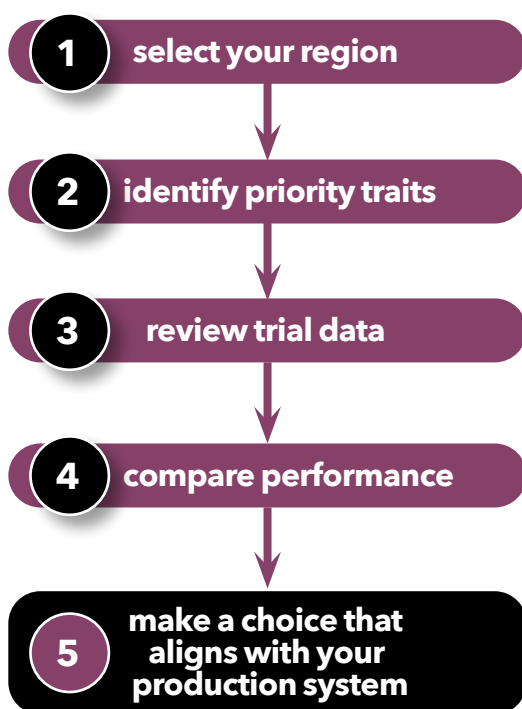
Find more trial  
data online here:



## Manitoba Pulse & Soybean Growers is pleased to present the 2026 Grower's Guide to Pulse & Soybean Varieties, designed to provide unbiased, third-party data to support confident decision-making for your farm operation.

This guide brings together regional trial results to help producers evaluate variety performance across Manitoba's diverse growing conditions. Use it to select crop and varieties that fit your region, match your production system, and perform under your soil conditions. Choosing genetics that complement your environment and management approach helps optimize performance and manage costs of production of your farm.

### Step-by-Step Decision Process:



Focus on **trial data** from the zone that best matches your farm's location and growing conditions.

Consider **what matters most** for your operation (e.g., yield, maturity, lodging resistance, disease tolerance, or seed quality).

Look at **multi-year** and **multi-site results** to assess consistency and reliability. More site-years = stronger confidence.

Use **tables and visuals** to compare varieties side by side. Watch for standout performers in your region.

Choose varieties that fit your **crop rotation, seeding window, and management system**.

➤ Factor in **weather and soil conditions** – Match varieties to precipitation levels and your soil type, drainage, and fertility levels for optimal performance.

➤ Consider **cost of productions** – Balance input costs, seed price, production contract availability, and expected yield to select varieties that support profitability.

1	2	3
<b>1</b> Type Average DTM +/- Check <sup>(1)</sup> Long-Term Yield % Check	<b>2</b> IDC Rating (1-5) IDC Group SCN resistance PRR resistance	<b>3</b> Site Years Tested

4	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check				
		Early Sites <sup>(2)</sup>		Core Sites		
Variety		Beausejour	Stonewall	Carman	Morris	St. Adolphe
Very Early-Season Zone						

➤ Find an **online cost of production calculator** on the Manitoba Agriculture website:







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Get to  
know the  
dedicated  
people  
working on  
Manitoba's  
pulse and  
soybean  
variety trials.

Contact us for support – from choosing the right varieties to providing in-field agronomic advice and helping you deliver a high-quality crop that maximizes profitability.



**Soybeans**



**Dry beans**



**Faba beans**



**Field peas**



**Lupins**





# Our Purpose

**The independent evaluation of soybean, dry bean, field pea, faba bean and lupin varieties found within this publication were made possible by your continued support through the Manitoba Pulse & Soybean Growers (MPSG) check-off.**

The objective of these trials is to provide the Manitoba pulse and soybean industry with independent, scientific information on variety performance and agronomic characteristics. Soybean, dry bean, faba bean and lupin trials were sponsored and co-ordinated by MPSG and Manitoba Agriculture. Field pea trials were co-ordinated by the Manitoba Crop Variety Evaluation Team (MCVET) and co-sponsored by MPSG, MCVET and Manitoba Agriculture.

## SOYBEANS

Herbicide tolerant soybean varieties were evaluated at 13 locations in 2025, reported by eastern and western regions in Manitoba. In eastern Manitoba, early- and mid-season varieties were tested at early sites, including Arborg, Beausejour and Stonewall, and all types of varieties were tested at core sites, including Carman, Portage la Prairie, Morris and St. Adolphe. In western Manitoba, varieties were tested at Dauphin, Hamiota, Holland, Melita, Souris and Swan River.

Conventional (non-GM) soybean varieties were tested at all sites listed for eastern Manitoba and at Melita, Souris and Swan River.

All soybean varieties are reported by very early-, early-, mid- and long-season maturity zones. Western Manitoba trials do not host long-season varieties, as they are generally not well-suited to the region.

## DRY BEANS

Variety evaluations were conducted under wide- (>24 inches) and narrow-row (<12 inches) trials, and are reported separately in this guide.

Wide-row trials were conducted at four locations – Carman, Morden, Portage la Prairie and Winkler.

Narrow-row trials were conducted at seven locations – Hamiota, Dauphin, Melita, Morden, Portage la Prairie, Souris and Swan River.

Dry bean varieties are also reported by market class. These include navy, black, pinto, Mayocoba (yellow), Great Northern, dark red kidney, light red kidney, white kidney and cranberry.

## FIELD PEAS

Trials were conducted at nine locations in Manitoba, including Arborg, Carberry, Hamiota, Holland, Melita, Morden, Roblin, Souris and Swan River. Field pea varieties are reported by yellow, green, maple and forage market classes.

## FABA BEANS

Regional faba bean trials were conducted at Souris, Beausejour, Dauphin, Morden and Swan River.

## LUPINS

Lupin trials were conducted at Arborg, Carberry, Melita and Roblin. Market classes included narrow-leaved, sweet white and yellow lupins compared to yellow peas.

## USING THIS GUIDE

There are two types of data tables found in this guide – Variety Descriptions and Yields by Location. Variety description tables summarize long-

term data, including maturity, yield and agronomic characteristics (e.g., disease resistance, lodging score). Yields by location tables summarize yield data from the current year at each location.

All variety trials were randomized with three replicates to allow for statistical analysis.

Statistical yield differences can be evaluated using only individual site-year data, found in all yields by location tables. To compare yields, look at the least significant difference (LSD) value at the bottom of these tables. The LSD value represents the yield quantity (%) by which two varieties must differ, to conclude with 95% confidence that a true yield difference exists due to genetics.

**For more information on how to use these tables, refer to the variety table keys in each section.**

We acknowledge the contributions of all companies that submitted varieties and partners involved in planting, maintenance, note-taking, harvesting and data organization. Special thanks to staff at Manitoba Agriculture, AAFC, WADO, PCDF, PESAI, MCDC, MCVET, the Manitoba Seed Growers Association and the private research companies that play an integral role in making this publication possible.

# Key for all variety tables

**Yield % Check:** The average yield across all site-years that the variety has been tested, relative to the check variety.

**Site-Years Tested:** The total number of individual site-years that a variety has been tested. For example, if a variety was tested at five sites for two years, the total site-years would be 10. The greater the number, the more a variety has been tested under a greater range of environments. A variety is typically tested at two to five sites per year.

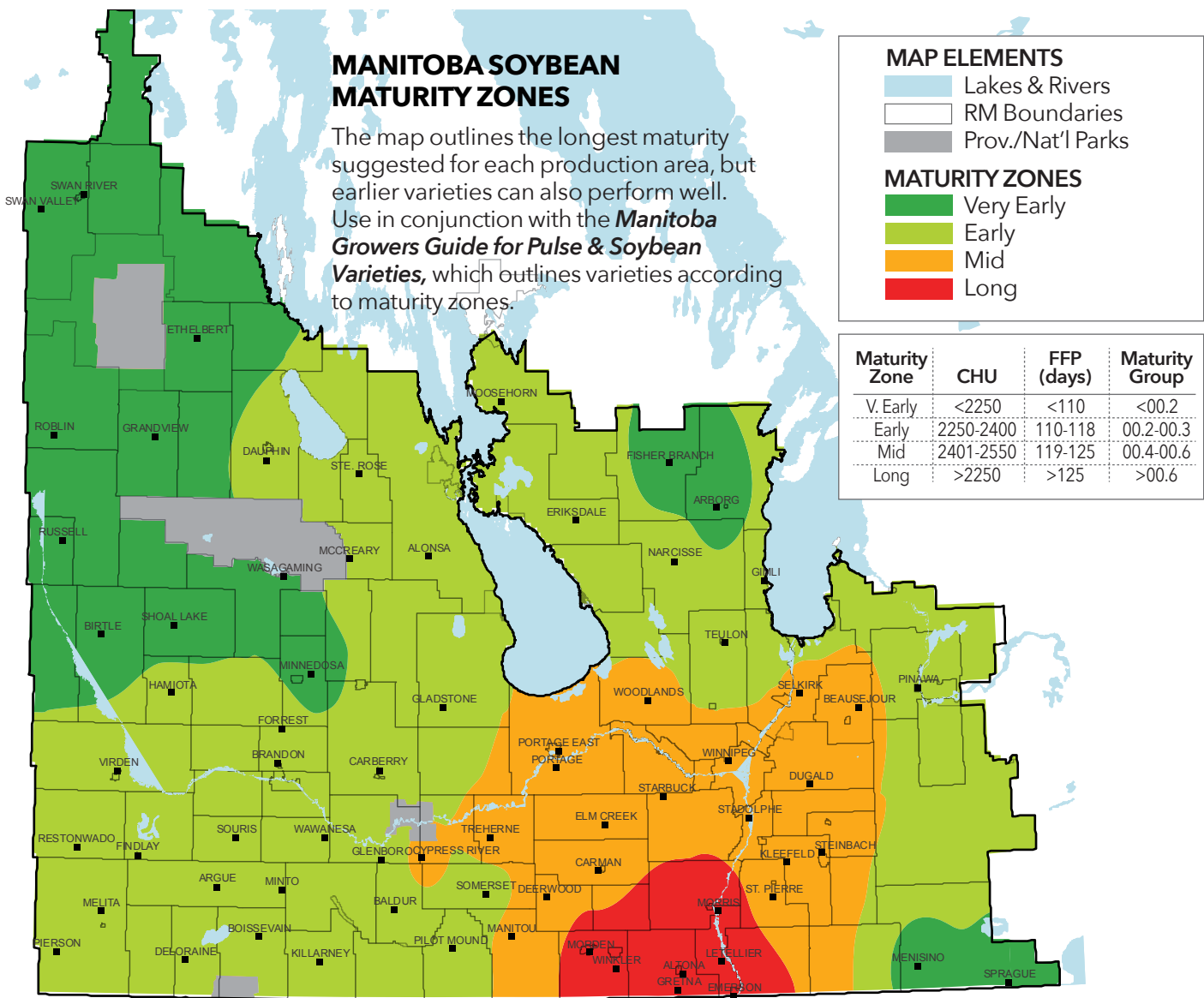
**TSW (g/1000 seeds):** The thousand seed weight, referring to the seed weight in grams per 1000 seeds.

**Resistance Rating:**  
VG = very good; G = good; F = fair; P = poor; VP = very poor

**CV%:** The coefficient of variation (CV) is the statistical measure of random variation in a research trial. A CV of less than 15% generally indicates a more uniform trial and conclusive data.

**LSD %:** The least significant difference (LSD) is the quantity by which two varieties must differ to conclude with 95% confidence that a true difference exists due to genetics.

**Sign. Diff.:** The indication of whether significant differences were found between varieties. Yes = at least one variety is significantly different from another within one site. No = varieties are not significantly different within one site.



This map is based on 1981-2010 Climate Normal Data for cumulative Corn Heat Units (CHU, May 15-Sept.20) and average frost-free period (FFP, days Tmin>0°C.)

## Key for soybean variety tables

**Manitoba Maturity Zone** – Soybean varieties are organized into four maturity zones – very early-, early-, mid- and long-season. These categories reflect the **Manitoba Soybean Maturity Zones map** (previous page), based on long-term heat unit and frost-free period data. Varieties fit into respective zones based on average relative days to maturity. Each zone indicates the longest season varieties that should be selected for a given region.

### Types:

- **E3** = Enlist E3® soybeans with 2,4-D choline, glyphosate and glufosinate herbicide tolerance.
- **RR1** = Roundup Ready 1 soybeans with glyphosate herbicide tolerance.
- **R2Y** = Genuity® Roundup Ready 2 Yield® soybeans with glyphosate herbicide tolerance.
- **R2X** = Roundup Ready 2 Xtend® soybeans with dicamba and glyphosate herbicide tolerance.
- **WPX** = Blended Variety Xtend® soybeans with glyphosate and dicamba herbicide tolerance.
- **R2XF** = Roundup Ready 2 XtendFlex® soybeans with glyphosate, dicamba and glufosinate herbicide tolerance.

**DTM +/- Check** – The number of days from planting to full maturity (R8 or 95% brown pod). It's expressed as + or - days relative to the check variety. Actual days to maturity (DTM) for the check variety is found in the shaded area at the bottom of the table.

Average DTM is calculated from multiple site-years. It's important to use long-term data for variety selection, as maturity can vary by year.

**Hilum Colour** – The hilum is the area of a soybean seed that was previously attached to the pod. Hilum colour is a marketing factor that varies among soybean varieties. Hilum colour can be clear (CL), yellow (Y), imperfect yellow (IY), grey (GR), light brown (LB), brown (BR), tan (TN), buff (BF), imperfect black (IB) or black (BL).

**IDC Rating and Group** – The iron deficiency chlorosis (IDC) rating is the severity of IDC expressed in a given variety on a 1-5 scale (1 = green leaves, 2 = yellowish leaves, 3 = green veins with yellow leaves, 4 = brown dead tissue between green veins, 5 = severe chlorosis and stunted growing point).

The IDC group indicates the overall level of tolerance. Each year, ratings are conducted during the V2 to V3 stages at a site near Winnipeg that's prone to IDC. If a field is at moderate to high risk of IDC (Table 1), select a variety with a low (tolerant) rating.

### IDC Groups:

T = tolerant ( $\leq 1.7$ ) ST = semi-tolerant (1.8 – 2.2)  
S = susceptible ( $\geq 2.3$ )

**Table 1. Field risk of IDC based on carbonate and soluble salt soil test levels.**

Soluble Salt (mmhos/cm)	Carbonate (%)		
	0 to 2.5	2.6 to 5	>5.0
0 to 0.25	Low	Low	Moderate
0.26 to 0.50	Low	Moderate	High
0.50 to 1.0	Moderate	High	Very high
>1.0	High	Very high	Extreme

Source: Agvise Laboratories

**SCN** – Variety resistance to soybean cyst nematode (SCN). The presence of SCN was confirmed for the first time in Manitoba in 2019. For full details of SCN findings, visit [manitobapulse.ca](http://manitobapulse.ca).

**PRR** – Phytophthora root rot (PRR) pathotype-specific major resistance (Rps) genes for each variety.

**CV %** – The coefficient of variation (CV) is the statistical measure of random variation in a research trial. A CV of less than 15% generally indicates a more uniform trial and conclusive data.

**LSD %** – The least significant difference (LSD) is the quantity by which two varieties must differ to conclude with 95% confidence that a true difference exists due to genetics.

**Sign. Diff.** – The indication of whether significant differences were found between varieties. Yes: at least one variety is significantly different from another within one site. No: varieties are not significantly different within one site.

*This publication features the results from Manitoba Pulse & Soybean Growers (MPSG)-sponsored trials. Contents of this publication can only be reproduced with the permission of MPSG.*

## HERBICIDE TOLERANT / VARIETY DESCRIPTIONS / EASTERN MANITOBA

Variety	Type	Average DTM +/- Check <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	IDC Rating (1-5)	IDC Group	SCN Resistance	PRR Resistance
<b>Very Early-Season Zone</b>								
SI Mizuki XTN	R2X	-5	97	5	2.0	ST	Yes	1c
PV S0009X84	R2X	-4	100	17	1.8	ST	Yes	-
NSC Newdale RR2X	R2X	-3	95	5	1.9	ST	Yes	1c
<b>Early-Season Zone</b>								
S003-R5X	R2X	-2	93	7	2.1	ST	-	1c
B0024EE	E3	-2	94	12	1.9	ST	-	1k,6
Young R2X	R2X	-1	97	27	1.7	T	Yes	1c
Alouette R2X	R2X	-1	94	12	1.8	ST	-	1c
TH84002X	R2X	-1	98	17	1.8	ST	Yes	1c
<b>Mid-Season Zone</b>								
NSC Arden RR2X	R2X	0	97	21	1.8	ST	-	1c
NSC Enforce E3	E3	0	102	12	1.7	T	-	1k
✓ <b>NSC Holland RR2X</b>	<b>R2X</b>	<b>0</b>	<b>100</b>	<b>27</b>	<b>1.9</b>	<b>ST</b>	<b>-</b>	<b>1c</b>
Briggs R2X	R2X	0	91	10	1.9	ST	Yes	1c
S003-B8XF	R2XF	0	92	5	2.2	ST	Yes	1c
Hart R2X	R2X	1	100	24	1.9	ST	-	1c
Merino R2X	R2X	1	98	18	1.7	T	Yes	1k
TH85003XF	R2XF	1	99	12	1.9	ST	Yes	1c,3a
P003Z08E	E3	2	99	12	2.1	ST	-	1c
B0045EE	E3	2	98	5	2.0	ST	Yes	1k
NSC Homewood RR2X	R2X	2	108	10	1.8	T	-	1c
Ryno R2X	R2X	2	104	12	2.0	ST	-	1c
Bourke R2X	R2X	2	100	24	1.8	ST	-	1k
DKB002-32	R2X	2	102	24	1.8	ST	Yes	1k
Oslo XF	R2XF	3	103	12	1.9	ST	-	1c
PV 22s002 R2X	R2X	3	97	27	2.0	ST	Yes	1k
NSC OakBank RR2X	R2X	3	107	12	1.8	ST	-	1c
BY Robson XT	R2X	3	114	9	2.0	ST	-	1c
P004Z87E	E3	3	101	12	2.0	ST	-	1c
<b>Experimental lines that are being tested or proposed for registration in Canada</b>								
BY25X002002BCX	R2X	0	95	5	1.9	ST	Yes	1c
BY25X003001MSX	R2X	3	93	5	1.8	ST	-	1k
BY25X005003BCX	R2X	3	105	5	1.9	ST	-	1c,3a



Variety	Type	Average DTM +/- Check <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	IDC Rating (1-5)	IDC Group	SCN Resistance	PRR Resistance
<b>Long-Season Zone</b>								
SI 00323XT	R2X	4	107	17	2.0	ST	-	1c
Melo XF	R2XF	4	108	7	1.7	T	Yes	1c,3a
S005-Z5XF	R2XF	4	101	5	1.9	ST	Yes	1c, 3a
DKB004-04	R2X	5	99	10	1.7	T	Yes	1c
Mao R2X	R2X	5	109	14	1.7	T	Yes	1c
Badger R2X	R2X	5	108	13	1.7	T	-	1k
P007A68E	E3	5	107	17	1.9	ST	-	1c
TH82005 R2X	R2X	5	105	27	1.9	ST	-	1k
SI 00623XT	R2X	5	110	17	2.0	ST	-	1c
S007-A2XS	R2X	6	105	21	1.9	ST	-	-
P009Z94E	E3	6	108	7	1.8	ST	Yes	1k,6
DKB007-91XF	R2XF	6	103	7	1.9	ST	-	1c
P008Z25E	E3	7	109	7	1.9	ST	-	1c
Triquet R2X	R2X	7	110	9	1.7	T	Yes	1k
DKB006-80	R2X	7	111	13	1.7	T	Yes	1c
SI Avita E3	E3	8	102	5	1.7	T	-	1c
S007-C2E3	E3	8	103	5	1.7	T	-	1c,3a
DKB009-96	R2X	8	107	7	1.9	ST	Yes	1c
DKB008-48	R2X	8	108	12	1.8	ST	Yes	1c,1k
P007Z82E	E3	8	106	5	1.8	ST	Yes	1c
PV S007XF55	R2XF	8	109	7	1.7	T	Yes	-
B0065EE	E3	8	102	5	2.0	ST	Yes	1c
TH81007 R2XN	R2X	9	108	14	1.7	T	Yes	1c
SI 00723XFN	R2XF	9	106	17	1.8	ST	Yes	1c
TH74007E	E3	11	108	7	1.9	ST	Yes	3a
<b>✓ CHECK VARIETY CHARACTERISTICS NSC Holland RR2X</b>		<b>117 DTM</b>	<b>54 bu/ac</b>	<b>27 site years</b>				

**NOTES:**

(1) Maturity Ratings were averaged across Carman, Morris, Portage and St. Adolphe core sites over multiple years.

(\*) Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

## HERBICIDE TOLERANT / YIELDS BY LOCATION / EASTERN MANITOBA

Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check				
		Early Season Sites <sup>(2)</sup>		Core Sites		
		Beausejour	Stonewall	Carman	Morris	St. Adolphe
Very Early-Season Zone						
SI Mizuki XTN	-5	90	99	105	98	97
PV S0009X84	-4	94	100	102	97	113
NSC Newdale RR2X	-3	86	104	98	94	98
Early-Season Zone						
S003-R5X	-2	95	96	103	91	107
B0024EE	-2	94	91	108	79	95
Young R2X	-1	81	104	102	96	106
Alouette R2X	-1	89	91	105	102	101
TH84002X	-1	91	110	104	103	114
Mid-Season Zone						
NSC Arden RR2X	0	88	92	100	96	96
NSC Enforce E3	0	100	100	97	88	107
✓ NSC Holland RR2X	0	100	100	100	100	100
Briggs R2X	0	77	110	90	83	102
S003-B8XF	0	89	86	97	92	98
Hart R2X	1	95	107	93	102	124
Merino R2X	1	90	108	99	101	119
TH85003XF	1	88	101	101	95	112
P003Z08E	2	97	111	88	83	111
B0045EE	2	95	100	92	91	115
NSC Homewood RR2X	2	-	-	115	107	123
Ryno R2X	2	95	92	102	103	105
Bourke R2X	2	88	110	107	98	118
DKB002-32	2	84	113	107	101	108
Oslo XF	3	95	99	106	102	113
PV 22s002 R2X	3	88	111	101	98	119
NSC OakBank RR2X	3	100	116	110	107	124
BY Robson XT	3	-	-	114	105	132
P004Z87E	3	110	108	98	92	118
Experimental lines that are being tested or proposed for registration in Canada						
BY25X002002BCX	0	85	95	101	100	99
BY25X003001MSX	3	84	105	90	90	102
BY25X005003BCX	3	88	110	114	109	119



Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check				
		Early Season Sites <sup>(2)</sup>		Core Sites		
		Beausejour	Stonewall	Carman	Morris	St. Adolphe
Long-Season Zone						
SI 00323XT	4	104	120	112	107	123
Melo XF	4	-	-	89	106	118
S005-Z5XF	4	91	112	102	99	108
DKB004-04	5	-	-	103	99	115
Mao R2X	5	-	-	98	107	129
Badger R2X	5	-	-	107	103	123
P007A68E	5	106	119	110	106	120
TH82005 R2X	5	87	129	104	106	116
SI 00623XT	5	104	121	112	115	126
S007-A2XS	6	94	127	99	102	128
P009Z94E	6	-	-	109	83	120
DKB007-91XF	6	-	-	108	105	120
P008Z25E	7	-	-	100	100	124
Triquet R2X	7	-	-	101	110	115
DKB006-80	7	-	-	110	104	127
SI Avita E3	8	105	97	100	100	108
S007-C2E3	8	92	110	104	91	126
DKB009-96	8	-	-	104	114	136
DKB008-48	8	-	-	102	108	120
P007Z82E	8	103	120	106	90	114
PV S007XF55	8	-	-	110	99	122
B0065EE	8	94	107	108	97	110
TH81007 R2XN	9	-	-	101	108	120
SI 00723XFN	9	87	138	98	107	133
TH74007E	11	-	-	107	93	112
CHECK VARIETY CHARACTERISTICS ✓ NSC Holland RR2X	117 DTM	81 bu/ac	43 bu/ac	49 bu/ac	57 bu/ac	49 bu/ac
	CV %	4.4	4.7	7.1	5.7	5.4
	LSD %	7	8	12	9	10
	Sign. Diff.	yes	yes	yes	yes	yes
	Seeding Date	May 8	May 21	May 26	May 22	May 12
	Harvest Date	Oct 3	Oct 2	Oct 3	Oct 2	Sep 29

**NOTES:**

(1) Maturity ratings averaged across Carman, Morris, Portage and St. Adolphe core sites over multiple years. (2) Dash indicates not tested at early sites. \* Indicates a variety protected by, or applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

HERBICIDE TOLERANT /

VARIETY DESCRIPTIONS  
& YIELDS BY LOCATION

/ WESTERN MANITOBA

Variety	Type	Avg. DTM +/- Check <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	IDC		Resistance		2025 Yield % Check					
					Rating (1-5)	Group	SCN	PRR	Dauphin	Hamiota	Holland	Melita	Souris	Swan River
Very Early-Season Zone														
BY Nebo XT	R2X	-4	90	12	2.1	ST	Yes	1c	83	88	87	89	88	85
S0009-J5X	R2X	-3	94	16	2.0	ST	-	1c,3a	87	88	101	93	93	84
Early-Season Zone														
S001-D8X	R2X	-2	91	28	2.0	ST	-	1c	83	82	117	96	91	88
PV S0009X84	R2X	-1	100	16	1.8	ST	Yes	-	100	90	116	100	94	97
Wolf R2X*	R2X	-1	88	22	1.8	ST	Yes	3a	88	83	90	91	86	83
SI Mizuki XTN	R2X	-1	100	6	2.0	ST	Yes	1c	103	102	112	98	92	97
Alouette R2X	R2X	0	90	12	1.8	ST	-	1c	87	94	93	98	87	79
S003-B8XF	R2XF	0	90	6	2.2	ST	-	1c	93	78	97	93	90	92
Gecko R2X	R2X	0	94	16	2.0	ST	-	1c	87	89	90	89	84	92
NSC Newdale RR2X	R2X	0	90	6	1.9	ST	Yes	1c	96	92	85	97	88	84
✓ S003-R5X	R2X	0	100	28	2.1	ST	-	1c	100	100	100	100	100	100
B0024EE	E3	0	93	12	1.9	ST	-	1k,6	86	78	86	95	92	89
BY Meru E3	E3	1	95	12	2.0	ST	-	1c	89	91	102	101	94	90
TH85003XF	R2XF	1	97	12	1.9	ST	Yes	1c,3a	96	91	93	103	97	88
NSC Enforce E3	E3	1	99	11	1.7	T	-	1k	90	94	97	97	88	93
NSC Arden RR2X	R2X	1	96	21	1.8	ST	-	1c	94	85	101	101	91	89
Briggs R2X	R2X	1	92	22	1.9	ST	Yes	1c	91	91	92	85	82	86
P003Z08E	E3	2	96	12	2.1	ST	-	1c	97	101	104	100	91	95
Young R2X	R2X	2	98	28	1.7	T	Yes	1c	91	94	105	99	90	86
NSC Holland RR2X	R2X	2	95	18	1.9	ST	-	1c	93	91	113	98	91	-
BY Deno XT	R2X	3	98	16	1.9	ST	Yes	1c	104	94	118	102	93	99
Hart R2X	R2X	3	98	24	1.9	ST	-	1c	103	93	112	102	91	-
TH84002X	R2X	3	100	16	1.8	ST	Yes	1c	98	97	100	99	95	90
DKB001-07	R2X	3	99	15	1.8	ST	Yes	1k	100	87	95	91	95	92
Experimental lines that are being tested or proposed for registration in Canada														
PR180640-05	R2X	-2	93	11	2.0	ST	-	-	91	87	106	84	85	83
BY25X002002BCX	R2X	0	94	6	1.9	ST	Yes	1c	91	89	105	99	91	91
BY25X003001MSX	R2X	4	85	6	1.8	ST	-	1k	85	79	95	87	90	78



Variety	Type	Avg. DTM +/- Check <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	IDC		Resistance		2025 Yield % Check						
					Rating (1-5)	Group	SCN	PRR	Dauphin	Hamiota	Holland	Melita	Souris	Swan River	
Mid-Season Zone															
Merino R2X	R2X	4	97	18	1.7	T	Yes	1k	98	88	109	93	90	-	
P004Z87E	E3	4	97	12	2.0	ST	-	1c	98	94	106	103	91	99	
Oslo XF	R2XF	4	98	10	1.9	ST	-	1c	91	100	105	100	91	-	
Bourke R2X	R2X	4	96	23	1.8	ST	-	1k	93	90	105	91	89	-	
Ryno R2X	R2X	4	98	12	2.0	ST	-	1c	94	86	99	105	92	86	
DKB002-32	R2X	4	102	21	1.8	ST	Yes	1k	102	98	104	94	94	94	
S005-Z5XF	R2XF	4	95	6	1.9	ST	Yes	1c,3a	91	86	108	98	91	97	
SI 00323XT	R2X	5	103	16	2.0	ST	-	1c	100	100	96	107	87	104	
B0045EE	E3	5	92	6	2.0	ST	Yes	1k	92	101	86	95	91	88	
NSC OakBank RR2X	R2X	5	101	5	1.8	ST	-	1c	100	99	110	105	96	-	
DKB004-04	R2X	5	99	11	1.7	T	Yes	1c	106	99	117	98	92	89	
PV 22s002 R2X	R2X	5	96	28	2.0	ST	Yes	1k	94	88	112	88	86	91	
B0065EE	E3	6	96	6	2.0	ST	Yes	1c	101	95	102	103	84	96	
P007A68E	E3	6	103	15	1.9	ST	-	1c	108	103	115	105	91	106	
SI Avita E3	E3	7	100	6	1.7	T	-	1c	105	81	116	108	93	100	
Melo XF	R2XF	7	99	10	1.7	T	Yes	1c,3a	103	86	115	99	96	-	
TH82005 R2X	R2X	7	102	23	1.9	ST	-	1k	108	90	107	99	102	-	
P007Z82E	E3	7	99	6	1.8	ST	Yes	1c	94	94	116	101	93	99	
CHECK VARIETY CHARACTERISTICS: ✓ S003-R5X		120 DTM	66 bu/ac	6 site years					Yield	70 bu/ac	56 bu/ac	44 bu/ac	60 bu/ac	76 bu/ac	69 bu/ac
							CV %	5.9	4.9	8.2	5.0	5.5	6.7		
							LSD %	9	7	14	8	8	10		
							Sign. Diff.	yes	yes	yes	yes	yes	yes		
							Seeding Date	May 19	May 26	May 27	May 27	May 27	May 22		
							Harvest Date	Oct 6	Oct 8	Oct 8	Oct 1	Oct 2	Oct 9		

**NOTES:**

(1) Maturity ratings averaged across multiple sites over multiple years. (2) Dashes indicate that varieties were not tested at the early sites.

\* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

## CONVENTIONAL SOYBEANS / VARIETY DESCRIPTIONS / EASTERN MANITOBA

Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	Hilum Colour	IDC Rating (1-5)	IDC Group
<b>Very Early-Season Zone</b>						
CDC Cedar *	-9	94	5	IY	1.9	ST
Pamela	-5	95	5	IY	1.7	T
<b>Early-Season Zone</b>						
Rosser	-4	97	29	IY	1.9	ST
Reynolds	-1	94	31	IY	2.1	ST
Abaca *	0	114	27	IY	1.8	ST
✓ <b>Liska *</b>	<b>0</b>	<b>100</b>	<b>32</b>	<b>IY</b>	<b>2.3</b>	<b>S</b>
Arietta	0	106	13	IY	2.1	ST
<b>Experimental lines that are being tested or proposed for registration in Canada</b>						
OT22-04	-3	102	17	Y	2.1	ST
PR193653C-08	-1	103	5	IY	2.0	ST
PR193657-03	0	102	5	IY	1.8	ST
<b>Mid-Season Zone</b>						
Nala*	2	101	8	Y	1.9	ST
Koa *	2	101	10	IY	1.8	ST
Aurelina *	2	105	26	IY	1.9	ST
Dufferin	3	100	14	IY	2.0	ST
<b>Experimental lines that are being tested or proposed for registration in Canada</b>						
CM248-015	2	106	3		1.8	ST
<b>Long-Season Zone</b>						
Hana	5	99	12	Y	2.0	ST
<b>CHECK VARIETY CHARACTERISTICS: ✓ Liska*</b>	123 DTM	52 bu/ac	32 site years			

## NOTES:

(1) Maturity ratings were averaged across the Carman, Morris, Portage and St. Adolphe core sites over multiple years. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.



Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check Early Sites <sup>(2)</sup>		2025 Yield % Check Core Sites		
		Beausejour	Stonewall	Carman	Morris	St. Adolphe
Very Early-Season Zone						
CDC Cedar*	-9	109	81	94	97	84
Pamela	-5	101	86	91	99	92
Early-Season Zone						
Rosser	-4	110	92	87	97	91
Reynolds	-1	109	93	89	103	91
Abaca*	0	128	110	105	118	113
✓ Liska*	0	100	100	100	100	100
Arietta	0	117	108	84	107	103
Experimental lines that are being tested or proposed for registration in Canada						
OT22-04	-3	110	99	95	98	105
PR193653C-08	-1	105	116	80	109	106
PR193657-03	0	97	107	89	108	112
Mid-Season Zone						
Nala*	2	-	-	101	107	116
Koa*	2	-	-	92	104	110
Aurelina*	2	117	114	90	106	111
Dufferin	3	-	-	98	103	97
Experimental lines that are being tested or proposed for registration in Canada						
CM248-015	2	-	-	88	118	111
Long-Season Zone						
Hana	5	-	-	89	104	106
CHECK VARIETY CHARACTERISTICS: ✓ Liska*	123 DTM	60 bu/ac	45 bu/ac	50 bu/ac	51 bu/ac	50 bu/ac
	CV %	5.4	4.9	6.3	5.8	5.8
	LSD %	10	8	10	10	10
	Sign. Diff.	yes	yes	yes	yes	yes
	Seeding Date	May 8	May 20	May 26	May 22	May 12
	Harvest Date	Oct 3	Oct 2	Oct 3	Oct 2	Sep 29

## NOTES:

(1) Maturity ratings were averaged across the Carman, Morris and St. Adolphe core sites over multiple years. (2) Dashes indicate that varieties were not tested at the early sites. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Variety	Average DTM +/- Check <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	Hilum Colur	IDC		2025 Yield % Check		
					Rating (1-5)	Group	Melita	Souris	Swan River
Very Early-Season Zone									
Ambella*	-12	86	13	BR	1.9	ST	82	90	94
Early-Season Zone									
CDC Cedar*	-5	95	5	IY	1.9	ST	92	94	100
Mid-Season Zone									
Abaca*	0	112	7	IY	1.8	ST	121	116	111
✓ <b>Liska*</b>	<b>0</b>	<b>100</b>	<b>13</b>	<b>IY</b>	<b>2.3</b>	<b>S</b>	<b>100</b>	<b>100</b>	<b>100</b>
Rosser	0	101	9	IY	1.9	ST	97	102	119
Koa*	2	103	3	IY	1.8	ST	100	105	125
Experimental lines that are being tested or proposed for registration in Canada									
X6405-8	-4	97	3	IY	1.8	ST	98	96	109
PR193657-02-11	0	93	3	IY	2	ST	89	97	101

<b>CHECK VARIETY CHARACTERISTICS:</b> ✓ Liska*	123 DTM	50 bu/ac	13 site years						
				CV %		6.5	3.9	10.3	
				LSD %		11	-	20	
				Sign. Diff.		yes	no	yes	
				Seeding Date		May 27	May 27	May 22	
				Harvest Date		Oct 1	Oct 2	Oct 8	

NOTES:  
(1) Maturity ratings were averaged across the Melita, Souris and Swan River sites over multiple years. Actual maturity will depend on seasonal growing conditions. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

## Key for dry bean variety tables

**DTM +/- Check:** The number of days from planting to full maturity (90% of plants ready for harvest). It is expressed as + or - days relative to the check variety. Actual days to maturity (DTM) for the check variety is found at the bottom of the table.

**Lodging (1-5):** The lodging rating at harvest on a scale of one to five. The greater the value, the more lodged the crop. For example, 1 = standing upright, 5 = flat on the ground.

**Plant Height (cm):** The distance measured from the soil surface to the top of the plant at flowering.

**Pod Height (% >5 cm):** The visual estimation of the % of pods greater than 5 cm from the soil surface at harvest.

**CBB Severity (0-5):** The average visual rating of common bacterial blight (CBB) on the harvested rows per plot at the yellow pod (R7) stage

- 0 = No observable lesions or other signs of infection
- 1 = < 5% of plant area (leaf and stem hypocotyls) diseased
- 2 = 5-10% of plant area diseased
- 3 = 10-25% of plant area diseased
- 4 = 25-50% of plant area diseased
- 5 = 50-100% of plant area

diseased or death of seedling

**CBB Incidence (%):** The average visual rating of % leaf tissue infected by CBB on the harvested rows per plot at the R7 stage.

**WM Incidence (%):** The average visual rating of the % of plants infected by white mould (WM) on the harvested rows per plot at full maturity (R9).

For wide-row plots, the middle two rows are harvested for yield, and these are the rows where disease assessments are conducted.

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1000 seeds)	Lodging (1-5)	Plant Height (cm)	Pod Height (% >5cm)	CBB Severity (0-5)	CBB Incidence (%)	WM Incidence (%)
<b>Navy</b>	<b>+/- T9905</b>	<b>% T9905</b>								
Valiant	-3	96	15	198	3	59	88	2	12	43
HMS Victory	-2	102	21	210	3	61	92	2	11	17
Armada	-1	104	19	207	3	62	91	2	13	27
Blast	-1	104	8	205	3	62	92	1	7	69
Blizzard	-1	101	14	208	2	62	92	2	12	14
Indi	-1	99	43	188	2	63	94	2	12	28
AAC Shock	0	93	23	219	3	57	91	2	13	28
<b>✓T9905</b>	<b>0</b>	<b>100</b>	<b>51</b>	<b>214</b>	<b>3</b>	<b>59</b>	<b>91</b>	<b>2</b>	<b>12</b>	<b>16</b>
OAC Charm	1	97	6	213	3	63	91	2	9	43
Steam*	1	113	8	205	4	64	91	1	5	42
CDC Whitetrack*	2	90	8	216	3	51	85	2	15	30
Liberty	2	105	14	207	2	58	92	2	8	65
OAC Seal*	2	98	10	205	3	58	91	2	11	30
AAC Argosy	3	100	27	215	3	63	89	2	12	18
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>										
AuSable	2	89	4	184	3	61	85	2	13	36
ND Polar	3	95	8	188	3	63	91	1	7	88

<b>CHECK CHARACTERISTICS</b> <b>✓T9905</b>	104 DTM	2,461 lbs/ac	51 site years
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## DRY BEANS - WIDE ROW / VARIETY DESCRIPTIONS

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1000 seeds)	Lodging (1-5)	Plant Height (cm)	Pod Height (% > 5cm)	CBB Severity (0-5)	CBB Incidence (%)	WM Incidence (%)
Black	+/- Eclipse	% Eclipse								
CDC Blackstrap*	-6	90	32	224	2	49	88	2	12	17
CDC Turtle Mountain*	-4	93	8	238	3	52	88	2	5	67
✓ <b>Eclipse**</b>	<b>0</b>	<b>100</b>	<b>60</b>	<b>200</b>	<b>3</b>	<b>60</b>	<b>93</b>	<b>2</b>	<b>14</b>	<b>35</b>
Black Tails	3	103	21	208	3	61	92	3	15	21
Umbra*	3	112	8	230	3	61	91	1	7	58
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada										
ND Galaxy	0	95	4	193	3	55	89	2	8	90
Butte	2	108	4	211	1	57	90	2	8	42
Slate	2	107	4	209	3	61	90	2	13	42
<b>CHECK CHARACTERISTICS</b> ✓ <b>Eclipse**</b>	100 DTM	2,494 lb/ac	60 site years							

Pinto	+/- Vibrant	% of Vibrant								
Cowboy*	-1	96	21	351	3	65	88	2	12	45
Windbreaker	-0	90	28	373	4	56	71	2	12	0
Gleam	0	93	15	332	3	61	86	2	11	39
✓ <b>Vibrant</b>	<b>0</b>	<b>100</b>	<b>32</b>	<b>338</b>	<b>3</b>	<b>64</b>	<b>85</b>	<b>2</b>	<b>17</b>	<b>30</b>
OAS Toast (Formerly OAC Sienna)	2	90	8	356	4	61	83	2	20	90
Bronco	3	81	14	386	4	58	83	2	17	42
Mystic	3	97	15	380	4	62	87	2	13	45
Eternal*	9	94	8	348	4	64	82	1	5	75
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada										
Rustler	-2	89	14	381	4	55	83	2	12	44
USDA Rattler	3	104	10	387	3	62	90	2	9	27
USDA Diamondback	4	85	10	346	3	58	90	2	13	39
Charro	5	99	14	351	3	64	89	2	11	33
<b>CHECK CHARACTERISTICS</b> ✓ <b>Vibrant</b>	100 DTM	2,728 lb/ac	32 site years							

These long-term data are based on results from wide-row trials. TSW, Lodging, Plant Height and Pod Height are collected from Carman, Morden, Portage and Winkler, these results are averaged and included in the long term results. Long-term disease ratings are averaged from Morden. WM incidence at Morden was observed as being much greater in 2025 as compared to past years included in the long-term dataset. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991. \*\* Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

## DRY BEANS - WIDE ROW / VARIETY DESCRIPTIONS

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1000 seeds)	Lodging (1-5)	Plant Height (cm)	Pod Height (% > 5cm)	CBB Severity (0-5)	CBB Incidence (%)	WM Incidence (%)
<b>Great Northern</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>								
Virgo	2	142	14	392	3	63	86	2	11	21.7
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>										
Eiger	3	147	10	353	3	60	88	2	12	30
ND Pegasus	4	113	3	347	3	60	89	2	7	68

<b>Dark Red Kidney</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>								
Gallantry	4	127	11	552	3	59	88	2	15	2
Dynasty	5	112	17	550	3	61	87	2	15	14
Rampart	5	110	10	455	3	59	87	3	14	13
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>										
161156	0	79	10	463	3	57	85	3	21	8
181021	1	96	10	539	3	54	82	2	14	12

<b>Light Red Kidney</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>								
Big Red	-3	99	34	555	2	52	84	2	19	14
✓ <b>Pink Panther</b>	<b>0</b>	<b>100</b>	<b>67</b>	<b>586</b>	<b>3</b>	<b>55</b>	<b>86</b>	<b>3</b>	<b>15</b>	<b>8</b>
<b>CHECK CHARACTERISTICS</b> ✓ <b>Pink Panther</b>	103 DTM	1,960 lb/ac	67 site years							

<b>Cranberry</b>	<b>+/- Krimson</b>	<b>% Krimson</b>								
OAC Navabi	-2	117	10	549	2	51	85	3	22	8
✓ <b>Krimson</b>	<b>0</b>	<b>100</b>	<b>32</b>	<b>567</b>	<b>4</b>	<b>51</b>	<b>78</b>	<b>2</b>	<b>17</b>	<b>35</b>
OAC Firestripe	3	140	10	631	2	56	88	2	20	11
<b>CHECK CHARACTERISTICS</b> ✓ <b>Krimson</b>	101 DTM	1,790 lb/ac	32 site years							

Annual weather variations will impact the actual number of days it takes a variety to fully mature, so will vary from year to year. Choosing a variety that needs a longer growing season than your farm has increases your risk of frost damage and lower returns.

# DRY BEANS - WIDE ROW / YIELDS BY LOCATION

Dry beans

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check			
		Carman	Morden	Portage	Winkler
Navy	+/- T9905	% T9905			
Valiant	-3	86	94	85	103
HMS Victory	-2	104	105	86	107
Armada	-1	105	112	99	123
Blast	-1	101	86	99	98
Blizzard	-1	108	107	97	106
Indi	-1	99	100	101	119
AAC Shock	0	85	96	88	107
✓ T9905	0	100	100	100	100
OAC Charm	1	105	97	98	111
Steam*	1	108	100	99	127
CDC Whitetrack*	2	92	86	90	111
Liberty	2	104	102	103	128
OAC Seal*	2	95	93	78	116
AAC Argosy	3	97	92	90	105
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada					
AuSable	2	101	91	78	85
ND Polar	3	91	83	86	81
CHECK CHARACTERISTICS ✓ T9905*	104 DTM	2,537 lb/ac	4,015 lb/ac	2,868 lb/ac	2,516 lb/ac
	CV %	5.7	6.1	7.5	8.2
	LSD %	9	10	12	14
	Sign. Diff.	yes	yes	yes	yes
	Seeding Date	May 30	May 27	May 29	May 30
	Harvest Date	Sep 24	Sep 24	Oct 1	Sep 25
Black	+/- Eclipse	% Eclipse			
CDC Blackstrap*	-6	75	84	69	107
CDC Turtle Mountain*	-4	93	102	86	111
✓ Eclipse**	0	100	100	100	100
Black Tails	3	100	101	101	107
Umbra*	3	108	111	107	126
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada					
ND Galaxy	0	93	104	77	105
Butte	2	107	111	87	132
Slate	2	100	111	92	131



# DRY BEANS - WIDE ROW / YIELDS BY LOCATION

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check			
		Carman	Morden	Portage	Winkler
<b>CHECK CHARACTERISTICS</b> ✓ <b>Eclipse**</b>	100 DTM	2,726 lb/ac	3,688 lb/ac	3,213 lb/ac	2,338 lb/ac
	CV %	5.7	6.1	7.5	8.2
	LSD %	9	10	11	16
	Sign. Diff.	yes	yes	yes	yes
	Seeding Date	May 30	May 27	May 29	May 30
	Harvest Date	Sep 24	Sep 24	Oct 1	Sep 25

<b>Pinto</b>	<b>+/- Vibrant</b>	<b>% Vibrant</b>			
Cowboy*	-1	93	92	102	98
Gleam	0	84	87	104	95
✓ <b>Vibrant</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
OAS Toast (Formerly OAC Sienna)	2	81	83	106	85
Bronco	3	72	75	86	76
Mystic	3	82	90	94	85
Eternal*	9	86	90	92	73

<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>					
Rustler	-2	79	98	101	97
USDA Rattler	3	96	98	121	134
USDA Diamondback	4	82	79	111	72
Charro	5	86	84	116	94
<b>CHECK CHARACTERISTICS</b> ✓ <b>Vibrant</b>	100 DTM	2,797 lb/ac	3,378 lb/ac	2,037 lb/ac	1,955 lb/ac
	CV %	7.5	7.0	8.7	11.3
	LSD %	11	11	15	18
	Sign. Diff.	yes	yes	yes	yes
	Seeding Date	May 30	May 27	May 29	May 30
	Harvest Date	Sep 24	Sep 24	Oct 1	Sep 25

<b>Great Northern</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>			
Virgo	2	168	118	-	93
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>					
Eiger	3	144	104	-	91
ND Pegasus	4	142	111	-	94

## DRY BEANS - WIDE ROW / YIELDS BY LOCATION

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check			
		Carman	Morden	Portage	Winkler
<b>Dark Red Kidney</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>			
Gallantry	4	137	105	-	123
Dynasty	5	143	102	-	111
Rampart	5	125	96	-	111
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>					
161156	0	85	67	-	87
181021	1	114	103	-	104
<b>Light Red Kidney</b>	<b>+/- Pink Panther</b>	<b>% Pink Panther</b>			
Big Red	-3	100	102	-	109
✓ <b>Pink Panther</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>
<b>CHECK CHARACTERISTICS</b> ✓ <b>Pink Panther</b>	103 DTM	1,535 lb/ac	2,940 lb/ac	-	2,068 lb/ac
	CV %	11.7	5.8	-	9.4
	LSD %	24	10	-	16
	Sign. Diff.	yes	yes	-	yes
	Seeding Date	May 30	May 27	-	May 30
	Harvest Date	Sep 24	Sep 24	-	Sep 25
<b>Cranberry</b>	<b>+/- Krimson</b>	<b>% Krimson</b>			
OAC Navabi	-2	121	117	-	159
✓ <b>Krimson</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>100</b>
OAC Firestripe	3	217	134	-	152
<b>CHECK CHARACTERISTICS</b> ✓ <b>Krimson</b>	101 DTM	1,052 lb/ac	2,536 lb/ac	-	1,372 lb/ac
	CV %	11.7	5.8	-	9.4
	LSD %	35	11	-	24
	Sign. Diff.	yes	yes	-	yes
	Seeding Date	May 30	May 27	-	May 30
	Harvest Date	Sep 24	Sep 24	-	Sep 25

\* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

\*\* Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

# DRY BEANS - NARROW ROW / VARIETY DESCRIPTIONS

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1000 seeds)	Lodging (1-5)	Plant Height (cm)	Pod Height (% > 5cm)	CBB Severity (0-5)	CBB Incidence (%)	WM Incidence (%)
<b>Navy</b>	<b>+/- CDC Blackstrap</b>	<b>% CDC Blackstrap</b>								
Blast*	6	109	9	173	2	58	89	2	8	70
Indi	6	92	24	167	2	56	90	2	8	43
Steam*	7	111	9	169	2	50	90	1	5	50
AAC Shock	8	88	27	204	2	53	87	2	7	57
OAC Seal*	8	100	11	180	2	48	89	2	13	83
OAC Charm	9	105	11	186	2	53	90	2	8	47
T9905	9	94	29	189	3	53	86	2	8	60
AAC Argosy	10	95	22	186	2	58	89	2	8	40
CDC Whitetrack	11	84	9	185	3	50	80	2	8	53
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>										
ND Polar	11	92	9	159	2	55	90	2	8	47
AuSable	12	96	5	159	2	55	92	2	8	50

**CHECK CHARACTERISTICS**  
✓ **CDC Blackstrap\***

98 DTM

2,699 lb/ac

40 site years

<b>Black</b>	<b>+/- CDC Blackstrap</b>	<b>% CDC Blackstrap</b>								
✓ <b>CDC Blackstrap*</b>	<b>0</b>	<b>100</b>	<b>40</b>	<b>228</b>	<b>1</b>	<b>44</b>	<b>91</b>	<b>2</b>	<b>8</b>	<b>53</b>
CDC Turtle Mtn.*	1	107	9	225	2	46	88	2	8	67
Eclipse**	4	106	28	177	2	52	92	2	8	53
Umbra*	8	117	9	199	2	58	91	2	8	57
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>										
ND Galaxy	6	96	5	163	2	49	93	2	7	53
Slate	7	112	5	181	2	53	91	2	8	57
Butte	8	107	5	178	1	53	93	1	7	47

**CHECK CHARACTERISTICS**  
✓ **CDC Blackstrap\***

98 DTM

2,699 lb/ac

40 site years

Dry beans

## DRY BEANS / VARIETY DESCRIPTIONS

Dry beans

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1000 seeds)	Lodging (1-5)	Plant Height (cm)	Pod Height (% > 5cm)	CBB Severity (0-5)	CBB Incidence (%)	WM Incidence (%)
Pinto	+/- CDC Windbreaker	% CDC Windbreaker								
✓ <b>Windbreaker</b>	<b>0</b>	<b>100</b>	<b>32</b>	<b>372</b>	<b>2</b>	<b>48</b>	<b>76</b>	<b>2</b>	<b>8</b>	<b>73</b>
Vibrant	2	111	17	312	2	57	84	2	10	83
OAC Toast	5	106	7	318	3	55	81	2	10	100
Bronco	5	89	14	361	3	56	81	2	8	83
Eternal*	12	108	9	295	2	55	81	1	5	50
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada										
USDA Rattler	5	118	10	332	2	55	82	2	10	47
USDA Diamondback	6	99	10	298	2	58	86	2	13	73
Charro	7	101	14	336	2	59	87	2	10	57
<b>CHECK CHARACTERISTICS</b> ✓ <b>Windbreaker</b>	103 DTM	2,560 lb/ac	32 site years							

These long-term data are based on results from narrow-row trials conducted in 2025. TSW, Lodging, Plant Height and Pod Height are collected from Dauphin, Hamiota, Melita, Morden and Souris. CBB severity and incidence disease ratings are averaged from Morden in 2025. WM incidence ratings are averaged from Melita in 2025. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder’s Rights legislation that complies with UPOV 1991. \*\* Indicates a variety that is protected by Plant Breeder’s Rights legislation that complies with UPOV 1978.

## DRY BEANS / YIELDS BY LOCATION / NARROW ROW

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check				
		Dauphin	Hamiota	Melita	Morden	Souris
Navy	+/- CDC Blackstrap	% CDC Blackstrap				
Blast*	6	124	102	86	123	83
Indi	6	126	97	88	126	90
Steam*	7	133	95	85	130	85
AAC Shock	8	119	94	89	114	85
OAC Seal*	8	132	95	72	106	82
OAC Charm	9	123	97	94	121	91
T9905	9	124	98	92	127	93
AAC Argosy	10	115	91	80	124	88
CDC Whitetrack	11	97	75	83	108	86
Varieties that are registered in the U.S. or being tested or proposed for registration in Canada						
ND Polar	11	118	87	61	116	78
AuSable	12	120	100	70	110	85



## DRY BEANS - NARROW ROW / YIELDS BY LOCATION

Market Class / Variety	Average DTM +/- Check <sup>(1)</sup>	2025 Yield % Check				
		Dauphin	Hamiota	Melita	Morden	Souris
<b>Black</b>	<b>+/- CDC Blackstrap</b>	<b>% CDC Blackstrap</b>				
✓ CDC Blackstrap*	0	100	100	100	100	100
CDC Turtle Mountain*	1	127	107	72	118	109
Eclipse**	4	153	119	80	127	105
Umbra*	8	137	104	91	124	100
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>						
ND Galaxy	6	101	84	86	118	89
Slate	7	132	98	96	141	97
Butte	8	107	98	100	129	100
<b>CHECK CHARACTERISTICS</b> ✓ CDC Blackstrap*	98 DTM	2,588 lb/ac	2,603 lb/ac	3,212 lb/ac	3,082 lb/ac	3,252 lb/ac
	CV %	7.3	5.4	9.7	6.0	6.4
	LSD %	14	9	13	11	10
	Sign. Diff.	yes	yes	yes	yes	yes
	Seeding Date	May 19	May 26	May 28	May 12	May 27
	Harvest Date	Oct 6	Oct 8	Sep 24	Sep 24	Oct 2
<b>Pinto</b>	<b>+/- Windbreaker</b>	<b>% Windbreaker</b>				
✓ Windbreaker	0	100	100	100	100	100
Vibrant	2	136	114	96	101	110
OAC Toast	5	122	119	70	98	123
Bronco	5	104	91	67	90	99
Eternal*	12	118	104	95	109	112
<b>Varieties that are registered in the U.S. or being tested or proposed for registration in Canada</b>						
USDA Rattler	5	122	136	99	120	142
USDA Diamondback	6	121	109	53	100	108
Charro	7	116	101	82	95	96
<b>CHECK CHARACTERISTICS</b> ✓ Windbreaker	103 DTM	2,620 lb/ac	2,437 lb/ac	3,008 lb/ac	3,322 lb/ac	2,757 lb/ac
	CV %	7.3	5.4	9.7	6.0	6.4
	LSD %	14	9	14	11	12
	Sign. Diff.	yes	yes	yes	yes	yes
	Seeding Date	May 19	May 26	May 28	May 12	May 27
	Harvest Date	Oct 6	Oct 8	Sep 24	Sep 24	Oct 2

\* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991. \*\*Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

## Key for faba bean variety table

**Tannin vs. Zero-Tannin Varieties:** Tannin varieties with coloured flowers and tan-coloured seed coats are desired for human consumption. Zero-tannin varieties with white flowers and seed coats may be used for both human and animal consumption.

**DTM:** The number of days from planting to swathing. Days to maturity (DTM) may vary depending on the planting date.

Market Class / Variety	Low Vicine / Convicine	Average DTM <sup>(1)</sup>	Long- term Yield % Check	Site- Years Tested	TSW (g/1,000 seeds)	2025 Yield % Check			
						Dauphin	Morden	Souris	Swan River
Coloured Flower (Tannin)									
Dosis*	yes	103	90	9	480	86	90	95	97
✓ Fabelle*	yes	111	100	14	492	100	100	100	100
Futura*	yes	112	102	9	489	95	105	105	114
Victus*	yes	111	104	14	401	107	106	109	138
Hammer*	yes	100	105	6	444	94	103	106	111
Varieties supported for registration by the PRCPSC									
Ketu	yes	106	110	4	416	100	107	117	115

### CHECK CHARACTERISTICS: ✓ **Fabelle\***

111  
DTM5,220  
lb/ac14 site  
years5,520  
lb/ac7,620  
lb/ac4,980  
lb/ac2,640  
lb/ac

CV %

6.0

11.1

4.9

8.5

LSD %

9

17

8

15

Sign. Diff.

yes

yes

yes

yes

### White Flower (Zero Tannin)

CDC 1089*	yes	110	101	9	386	98	98	105	110
CDC 1142*	yes	114	92	9	358	88	81	91	107
CDC 1310*	yes	108	101	6	333	106	90	101	117
✓ <b>DL Nevada*</b>	<b>yes</b>	<b>107</b>	<b>100</b>	<b>13</b>	<b>421</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Juno*	yes	106	109	9	403	101	99	103	140
Navi*	yes	129	109	14	401	99	89	114	146

### CHECK CHARACTERISTICS: ✓ **DL Nevada\***

107  
DTM4,440  
lb/ac13 site  
years4,380  
lb/ac6,720  
lb/ac4,560  
lb/ac1,980  
lb/ac

CV%

6.0

11.1

4.9

8.5

LSD (%)

11

20

9

19

Sign. Diff.

yes

yes

yes

yes

Seeding Date

May 25

May 9

May 8

May 6

Harvest Date

Sep 23

Oct 9

Sep 16

Sep 22

#### NOTES:

(1) Maturity ratings are based on days until swathing, but will vary depending on seeding date.

\* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

## Key for field pea variety tables

**Maturity Ratings:** Early = check +2 days, Mid = +3 to +4 days, Late = +5 days or more

**Relative Vine Length:** S = short, M = medium, L = long, VL = very long

**Green Seed Coats:** G = 0-10% green seed coats, F = 11-25% green seed coats

**Seed Coat Dimpling:** VG = 0-5% of seeds dimpled, G = 6-20% of seeds dimpled, F = 21-50% of seeds dimpled

**Bleaching:** The resistance rating of green pea to bleaching. Bleaching does not apply to other market classes of peas, indicated by n/a.

**Mycosphaerella Blight:** All pea varieties listed have “fair” resistance to *Mycosphaerella* (*Ascochyta*) blight.

**Fusarium Root Rot:** S = susceptible, MS = moderately susceptible, I = intermediate, MR = moderately resistant, R = resistant

Market Class / Variety	Maturity Rating <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	Relative Vine Length	TSW (g/1,000 seeds)	Resistance							
						Green Seed Coats	Seed Coat Breakage	Seed Coat Dimpling	Seed Coat Bleaching	Lodging	Powdery Mildew	Mycosphaerella Blight	Fusarium Root Rot
Yellow													
AAC Aberdeen*	Long	101	31	M	250	G	F	F	n/a	VG	VG	F	I
AAC Beyond*	Early	96	37	M	210	G	F	F	n/a	G	VG	F	MR
✓ AAC Carver*	Early	100	67	L	240	G	G	G	n/a	G	VG	F	I
AAC Chrome*	Long	106	40	M	240	G	G	G	n/a	G	VG	F	I
AAC Delhi*	Mid	100	28	M	290	G	F	F	n/a	G	VG	F	I
AAC Harrison*	Mid	94	15	L	223	G	G	G	n/a	VG	VG	F	MR
AAC Julius*	Mid	97	23	M	210	G	G	G	n/a	G	VG	F	MR
AAC McMurphy*	Mid	98	23	L	270	G	G	G	n/a	VG	VG	F	MR
AAC Profit**	Mid	100	27	M	230	G	F	G	n/a	G	VG	F	I
Boost*	Early	97	29	M	230	G	VG	G	n/a	G	VG	F	MR
Caphorn*	Mid	95	29	M	260	G	G	G	n/a	G	VG	F	MR
CDC 5791 <sup>VUA</sup>	Long	99	23	L	246	G	VG	G	n/a	G	VG	F	MR
CDC 5845 <sup>VUA</sup>	Long	99	17	L	236	G	G	G	n/a	VG	VG	F	MR
CDC Amarillo	Long	98	50	M	230	G	F	F	n/a	VG	VG	F	MR
CDC Boundless*	Long	98	15	L	230	G	G	G	n/a	VG	VG	F	MR
CDC Canuck*	Long	102	6	L	240	G	VG	G	n/a	VG	VG	F	MR
CDC Citrine*	Mid	103	23	L	230	G	G	G	n/a	G	VG	F	MR
CDC Hickie*	Mid	98	29	M	230	G	G	G	n/a	VG	VG	F	MR
CDC Lewochko*	Long	100	48	L	230	G	G	G	n/a	VG	VG	F	I
CDC Tollefson*	Long	103	29	L	240	G	G	G	n/a	VG	VG	F	MR
ProStar <sup>VUA</sup>	Early	98	29	M	240	G	VG	G	n/a	G	VG	F	MR

Market Class / Variety	Maturity Rating <sup>(1)</sup>	Long- Term Yield % Check	Site Years Tested	Relative Vine Length	TSW (g/1,000 seeds)	Resistance							
						Green Seed Coats	Seed Coat Breakage	Seed Coat Dimpling	Seed Coat Bleaching	Lodging	Powdery Mildew	Mycosphaerella Blight	Fusarium Root Rot
Varieties supported for registration by the PRCPSC													
DL995-96	Early	100	6	L	195	G	G	G	n/a	VG	VG	F	MR
LAP23-0014	Early	99	6	L	250	G	G	G	n/a	G	VG	F	I
LAP23-0017	Long	92	6	L	235	G	G	G	n/a	G	VG	F	I
Green													
CDC Forest*	Long	100	34	L	230	n/a	G	G	G	G	VG	F	I
CDC Limerick	Long	95	43	M	210	n/a	VG	G	G	VG	VG	F	I
CDC Huskie*	Long	100	23	M	220	n/a	G	G	G	G	VG	F	MR
CDC Spruce*	Long	96	19	L	240	n/a	F	F	G	G	VG	F	I
Varieties supported for registration by the PRCPSC													
LAP23-0004	Long	100	6	L	230	n/a	G	G	G	VG	VG	F	I

CHECK	89	76 bu/	67 site
CHARACTERISTICS:	DTM	ac	years
✓ AAC Carver*	LSD (%)	4	

**NOTES:**

(1) Relative maturity ratings compared to check AAC Carver determined at Manitoba trial sites. \* Indicates a variety that is protected by, or has been applied for and pending, Plant Breeder's Rights legislation that complies with UPOV 1991. \*\* Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978. VUA indicates that variety has a variety use agreement (VUA). Find more information at [seeds-canada.ca/variety-use-agreement](https://seeds-canada.ca/variety-use-agreement).



Market Class / Variety	2025 Yield % Check					
	Carberry	Holland	Melita	Roblin	Souris	Swan River
<b>Yellow</b>						
AAC Beyond*	104	95	110	115	88	93
✓ AAC Carver*	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
AAC Harrison*	103	90	103	97	90	92
AAC McMurphy*	108	95	104	116	106	102
Boost*	105	94	107	112	103	98
Caphorn*	113	92	101	109	98	95
CDC 5791 <sup>VUA</sup>	105	100	116	117	105	106
CDC Boundless*	101	98	112	121	98	89
CDC Canuck*	107	98	120	121	103	113
CDC Hickie*	105	94	107	110	94	97
CDC Lewochko*	101	99	116	125	97	102
CDC Tollefson*	103	95	113	115	102	91
ProStar <sup>VUA</sup>	99	93	107	108	112	99
<b>Varieties supported for registration by the PRCPSC</b>						
DL995-96	106	98	113	114	109	101
LAP23-0014	107	96	109	102	107	104
LAP23-0017	103	88	96	112	98	92
<b>Green</b>						
CDC Huskie*	108	97	115	118	103	106
<b>Varieties supported for registration by the PRCPSC</b>						
LAP23-0004	102	96	113	132	104	99
<b>CHECK CHARACTERISTICS:</b> ✓ AAC Carver*	70	76	76	64	85	68
CV %	7.6	6.0	3.8	8.2	6.1	6.8
LSD %	13	10	7	15	10	11
Sign. Diff.	no	yes	yes	yes	yes	yes
Seeding Date	May 8	May 27	May 6	May 7	May 8	May 6
Harvest Date	Aug 25	Sep 8	Aug 19	Aug 25	Aug 25	Aug 21

## NOTES:

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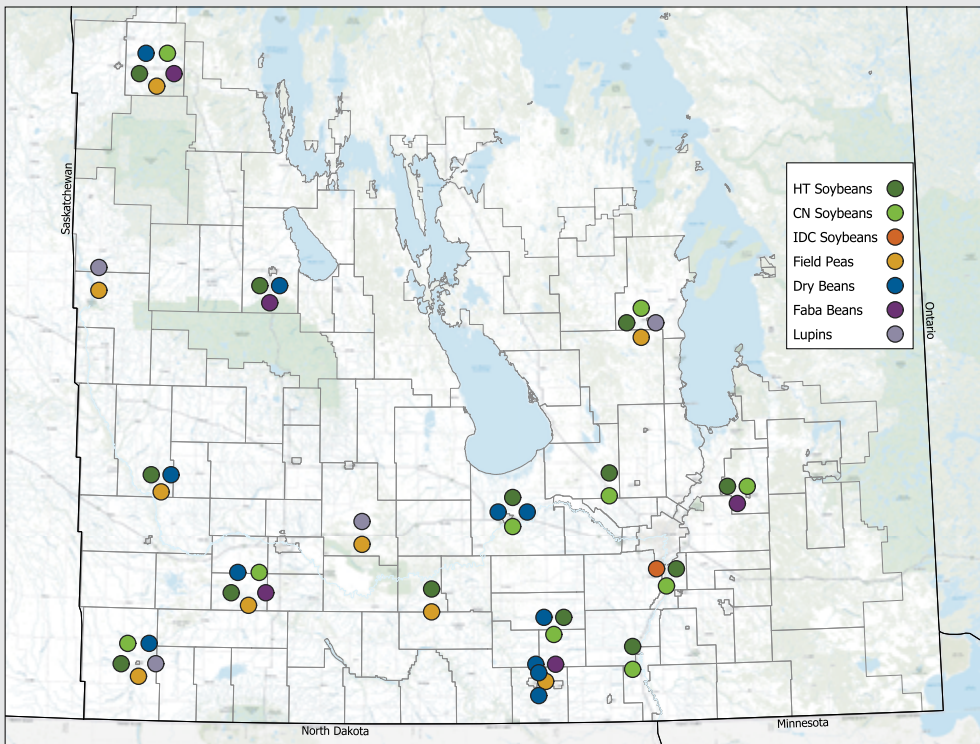
## Note about Lupin trials

Varieties of sweet white lupins (*Lupinus albus*), narrow-leaved lupins (*L. angustifolius*) and yellow lupins (*L. luteus*) were tested for the third year in Manitoba. Sweet white lupins are longer-season with indeterminate growth habits, while narrow-leaved lupins exhibit determinate growth and require fewer days to maturity.

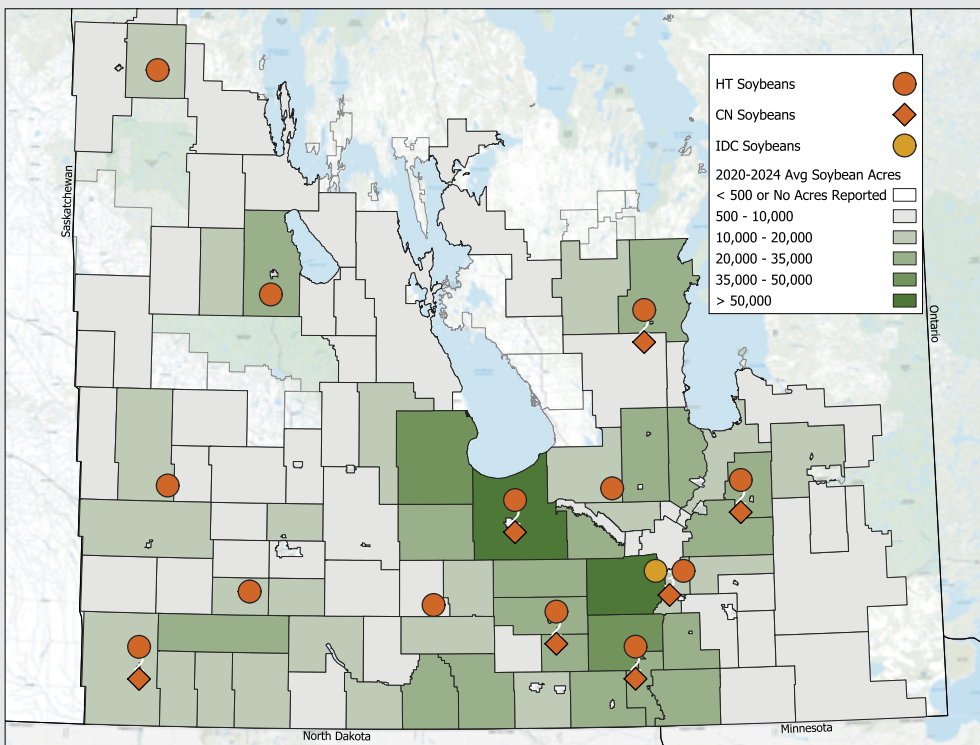
Market Class / Variety	Average DTM <sup>(1)</sup>	Long-Term Yield % Check	Site Years Tested	TSW (g/1,000 seeds) <sup>(1)</sup>	Average Height (cm) <sup>(1)</sup>	Average Lodging Score (1-9) <sup>(1)</sup>	2025 Yield (bu/ac)		
							Carberry	Melita	Roblin
Narrow-leaved ( <i>lupinus angustifolius</i> )									
Nor 1	88	-	5	138	41	1	25	25	34
Boregine	101	-	5	174	48	1	31	26	55
Lunabor	103	-	5	159	45	1	30	44	49
Sweet White ( <i>lupinus albus</i> )									
Dieta	123	-	5	276	78	1	63	57	68
Cer 1	123	-	5	274	73	1	65	61	74
Cer 2	123	-	5	302	80	1	64	63	76
Yellow ( <i>lupinus luteus</i> )									
Solid Gold	102	-	4	140	64	1	31	32	23
				CV %			5.1	8.1	11.6
				LSD (bu/ac)			4	6	11
				Sign. Diff.			yes	yes	yes
				Seeding Date			May 9	May 12	May 14
				Narrow-Leaved Harvest Date			Sep 9	Sep 5	Sep 2
				Yellow Harvest Date			Sep 9	Sep 9	Sep 23
				Sweet White Harvest Date			Oct 3	Sep 24	Oct 10

(1) Average Days to Maturity (DTM), TSW, Average Height and Average Lodging Score are from Melita in 2025.

## 2025 REGIONAL PULSE AND SOYBEAN VARIETY TRIALS



## 2025 REGIONAL SOYBEAN VARIETY TRIALS



MANITOBA  
**Pulse**  
**Soybean**  
 GROWERS





MANITOBA  
**Pulse Soybean**  
GROWERS

[manitobapulse.ca](http://manitobapulse.ca)