

Forages

Key to 2025 Yield and Quality Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. Use single site year data with caution.

CV % = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD = Least Significant Difference. Varieties must differ by the LSD to be considered significantly different from one another.

Sig Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

☞ Indicates a variety that is protected by Plant Breeders' Rights legislation that complies with UPOV 1978.

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

VUA Variety Use Agreement in effect.

Forage Variety Registration Changes

Amendments to the Seeds Act Seeds Regulations are now in effect that streamline the variety registration process for forage varieties.

Forage crops are moved to Part III of Schedule III of the Seeds Regulations. Recommending Committees are no longer required for the registration of forage crop varieties, since the testing and merit requirements are removed. Registration still requires a standard application package to enable the CFIA to continue to protect health and safety, prevent fraud, and facilitate seed certification.

FORAGE ADAPTATION & COMPARISON GUIDE

LEGUMES

Forage	Use	Longevity	Winter Hardi-ness	Tolerance to:			Preferred Climate and Growing Conditions
				Drought	Flooding	Salinity	
Alfalfa	Hay & Pasture	Long	Good	Good	Low	Low to Moderate	Widely adapted to most Manitoba soils but will not tolerate areas that have periodic flooding.
Alsike Clover	Hay & Pasture	Short	Fair	Poor	Moderate	Low	Low-lying moist areas.
Birdsfoot Trefoil	Pasture	Long	Good	Moderate	High	Low to Moderate	Moist areas.
Cicer Milkvetch	Pasture	Long	Good	Moderate to High	Low	Moderate	Widely adapted but exhibits its habit best on more coarse textured soils.
Kura Clover	Pasture	Long	Good	Moderate	Moderate	Unknown	Tolerates low fertility and soil acidity, wet soils and some flooding.
Red Clover	Hay & Pasture	Short	Poor	Low	High	Low	Best suited to humid areas with moderate temperatures.
Sainfoin	Pasture	Long	Fair	High	Low	Low	Best on brown and dark brown soil areas. In very dry areas it yields poorly. Does well on thin gravelly soils.
Sweet Clover	Hay & Pasture	Short to Long	Good	Poor	Low to Moderate	Low	Prefers well drained silt loams to clay soils that have a consistent supply of moisture.
White Clover	Hay & Pasture	2-years	Fair	Moderate to High	Low	Moderate	Especially productive on fertile soils.

TAME GRASSES

Altai Wild Ryegrass	Pasture	Long	Excellent	High	Low	Very High	Loam and clay soils best, but grows on a wide range of soils. Doesn't appear adapted to Manitoba conditions.
Annual (Italian) Ryegrass	Hay & Pasture	Short Annual 1 year	Poor	Low	High	Low	Produces best on soils of medium to high fertility and grows best with adequate moisture.
Creeping Foxtail	Pasture	Long	Good	Low	High	Moderate	Adapted to areas where reed canarygrass grows well and soil moisture is continually available.
Creeping Red Fescue	Pasture Lawn	Long	Excellent	Moderate	Moderate	Low	Does best in high rainfall areas. Will grow in wide range of soil types.
Crested Wheatgrass	Hay & Pasture	Long	Excellent	Moderate to High	Low	Low to Moderate	Adapted to dry areas with good soils but will also establish on lighter soils.
Dahurian Wild Ryegrass	Pasture	Short	Good	Moderate	Low	High	Adapted to all soil zones.
Intermediate Wheatgrass	Hay & Pasture	Short to Medium	Good	Moderate to High	Low	Low	Well drained soils with ample moisture.
Kentucky Blue Grass	Pasture Lawn	Long	Excellent	Moderate	Moderate	Low	Prefers cool and humid. Grows on most soils.
Meadow Bromegrass	Hay & Pasture	Long	Good	High	Low	Low	Grows well on most soils where Smooth Brome does well.
Meadow Fescue	Pasture	Short - Medium	Good	Moderate	High	Low to Moderate	Prefers soil with good moisture and good drainage.
Meadow Foxtail	Pasture	Long	Good	Low	High	Low	Prefers cool moist conditions. High water table.
Orchard grass	Hay & Pasture	Short	Fair	Moderate	Low to Moderate	Low	Prefers moist conditions. Sandy soils are too dry for good growth unless in high rainfall area.
Perennial Ryegrass	Hay & Pasture	Short	Poor	Low	Low	Low	Needs high precipitation and fertility for high yields. Adapted to a wide range of soils.
Pubescent Wheatgrass	Hay & Pasture	Medium	Good	Moderate to High	Low	Low to Moderate	Widely adaptable with respect to precipitation, temperature, elevation, and low fertility soil.
Russian Wild Ryegrass	Pasture	Long	Excellent	Very High	Low	Very High	Can be grown on a wide range of soils. Most productive on fertile loams.
Smooth Bromegrass	Hay & Pasture	Long	Excellent	Moderate	Moderate	Low to Moderate	Well adapted to all soils in Manitoba.
Tall Fescue	Pasture	Medium	Good	Moderate	Moderate to High	High	Variety of soils. Does well on wet, poorly drained soils.
Tall Wheatgrass	Hay & Pasture	Medium	Excellent	Low	High	High	Adapted to saline and imperfectly drained alkali soils.
Timothy	Hay & Pasture	Medium	Good	Low	High	Low	Cool moist areas with good drainage.

Native Grasses	Use	Longevity	Winter Hardi-ness	Tolerance to:			Preferred Climate and Growing Conditions
				Drought	Flooding	Salinity	
Awned Wheatgrass	Hay & Pasture	Medium	Good	Moderate	Moderate	Low to Moderate	Prefers moderately sandy to loam soils with good moisture and drainage. Found in moist flats, meadows and low growing bushes
Big Bluestem	Pasture	Long	Good	Low to Moderate	Moderate	Low to Moderate	Grows under a wide range of conditions.
Green Needlegrass	Pasture	Long	Good	High	Moderate	Low to Moderate	Performs best on medium to heavy textured soils. Prefers moist sites with good drainage.
Little Bluestem	Pasture	Long	Good	High	Low	Moderate	Sandy, gravelly soils with shallow water table or where snow accumulates. Common on Prairie upland.
Northern Wheatgrass	Pasture	Long	Good	Very High	Moderate	Moderate	Prefers medium to coarse textured soil.
Prairie Cord Grass	Hay & Riperian	Long	Good	Low to Moderate	High	Low to Moderate	Wide range of soils (sand to clay) - does best on seasonally dry areas, marsh edges, wet meadows, drainageways.
Reed Canarygrass	Hay & Pasture	Long	Good	Moderate	Very High	Low	Moist cool climate. Poorly drained areas subject to temporary flooding.
Side Oats Grama	Hay & Pasture	Long	Good	Moderate to High	Low	Low to Moderate	Adapted to a range of soils. Performs best on fine textured soils. Found on rocky ridges, open grasslands and hillsides.
Slender Wheatgrass	Hay & Pasture	Medium	Good	Moderate	Moderate	High	Widely adapted - prefers sandy loams.
Switch grass	Pasture	Medium	Fair	Low	Moderate	Moderate	It has potential for good summer pasture when enough moisture. Grows best on loam and sandy loams.
Western Wheatgrass	Hay & Pasture	Long	Excellent	High	Moderate to High	High	Widely adapted - prefers heavy moderately aklaline soil. Tolerates periodic flooding.

Source: Manitoba Agriculture - Forage Adaptation & Comparison Guide



High Yielding

Richer Barley

- ♦ **121 bushels/acre (Seed MB 2022)**
108% of Austenson
- ♦ **VG for Lodging**

Avondale Seed Farm Reston 204-522-5528 Southern Seeds Minto 204-776-2333
 Court Seeds Plumás 204-386-2354 Timchishen Seeds Arborg 204-641-1288
 Hulme Agra Products Macgregor 204-871-4666

SILAGE CORN

Comments:

The silage corn hybrid trials were tested and the data released by the Manitoba Corn Committee (MCC).

The data presented here is for one year only. Use with caution.

All hybrids were evaluated at a target plant population of 32,000 plants per acre.

Yields are corrected to 65% moisture.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at mbcropalliance.ca

CHU ¹ Rating	Hybrid	Trait ²	Elm Creek								St Pierre							
			65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ ac)	65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ ac)
2050	CX25071A/VT2P	6	19.3	61.3	73	80.6	16.9	36.2	19633	2541	20.4	70.8	74	74.2	22.9	44.2	21407	2804
2150	CP1440VT2P	4	21.3	67.0	74	77.4	19.9	38.0	21652	2126	20.0	65.4	77	72.7	24.3	44.4	20215	2288
2150	913S	6	19.6	69.0	74	71.8	25.1	44.4	22268	2249	20.5	67.0	74	73.1	23.9	44.0	22670	2558
2200	AS1018G2 EDF	4	19.3	65.0	76	75.2	22.0	41.2	21413	2341	23.2	72.9	73	77.3	20.0	39.4	26452	3328
2200	MS 7711R	6	24.6	64.0	74	67.9	28.8	53.0	28857	2271	23.2	70.0	73	78.1	19.2	37.1	28318	3576
2225	TH6678 VT2P	30	25.0	69.9	74	76.2	21.0	39.9	26290	2635	23.2	69.8	76	76.0	21.2	41.7	21583	2502
2225	PV 61677SRIB	30	25.2	67.0	74	74.9	22.2	42.6	29631	2620	23.1	67.8	73	79.9	17.5	35.8	26318	3578
2225	HZ 1435	4	17.1	68.5	74	64.9	31.5	59.5	21108	1652	20.7	68.5	77	75.3	21.9	42.3	26476	3223
2225	TH4678 RR	6	24.0	72.4	75	72.7	24.3	45.6	27722	2297	25.9	68.8	78	77.2	20.0	39.9	26376	3022
2225	TH6477 PC	6	24.3	68.4	76	72.7	24.3	43.7	23148	2215	21.4	70.8	77	68.4	28.3	49.5	23630	2401
2250	MS 8022R	4	22.6	68.4	72	78.9	18.5	35.5	24593	2449	24.3	73.3	73	72.2	24.7	45.3	27421	2986
2250	MS 7822DBR	4	23.6	68.3	73	78.0	19.3	37.4	26462	2654	25.8	67.9	73	81.2	16.3	34.8	27646	3683
2250	PV 61578SRR	4	24.2	67.8	75	77.8	19.5	37.9	26439	2701	25.6	68.7	76	79.4	18.1	36.5	27260	3180
2250	BYM2527002TR	4	22.7	70.0	73	70.9	25.9	46.3	21838	2015	25.3	73.3	74	75.2	22.0	41.4	26000	3068
2250	BYM2528003TV	6	24.0	69.3	75	71.7	25.2	47.5	26011	2137	24.4	66.7	76	69.5	27.3	47.9	26825	2950
2250	BY Brava RR2	4	23.5	70.1	75	73.9	23.1	42.2	19597	1898	23.3	67.5	74	77.6	19.7	38.9	26038	2956
2250	BY Guernsey V2TP	6	25.3	65.7	74	83.3	14.3	32.1	24996	3077	24.3	68.6	74	80.7	16.8	36.1	25145	3394
2275	924S	4	24.8	69.3	80	70.2	26.7	48.6	22868	2069	25.6	68.2	81	74.5	22.6	43.4	28570	3439
2300	TH6180 VT2P	6	19.8	70.8	74	74.1	22.9	43.5	20835	1753	23.7	69.7	73	72.6	24.3	45.4	25111	2889
2350	AS1028G2 EDF	19	23.5	65.3	74	77.0	20.2	37.8	25812	2605	22.6	72.7	73	76.4	20.8	41.5	25260	2983
2350	HZ 1831	6	17.9	72.7	75	74.5	22.6	42.2	17572	1723	20.0	67.1	75	70.8	26.0	47.2	22778	2505
2375	DLF 2333RR	4	19.8	68.3	73	73.9	23.2	44.2	16876	1816	21.0	69.9	73	72.8	24.2	44.2	20731	2240
2375	CP2130VT2P	6	20.7	66.1	75	76.0	21.2	38.8	22358	2263	24.1	69.8	76	72.9	24.1	45.0	26468	3141
2400	932S	4	21.7	73.9	81	71.9	25.0	44.0	17853	1659	21.9	65.8	79	68.8	27.9	50.0	25549	2738
2400	AS1058G2 EDF RIB	4	23.5	70.5	80	75.7	21.5	41.7	23179	2270	25.8	69.3	77	73.2	23.9	45.1	25815	2976
2400	G3201 VT2Pro	4	25.3	68.1	76	75.8	21.3	40.0	27343	2713	25.0	71.2	79	76.1	21.1	41.4	28850	3351
2400	AS175G2 RIB	6	19.7	66.3	74	78.9	18.5	36.1	21818	2209	20.9	71.3	74	77.5	19.8	39.4	24741	3227
2400	NS EXP89F	6	18.7	73.9	84	73.1	23.9	44.9	15253	1559	22.1	67.2	80	72.2	24.8	45.2	24452	2748
2400	AS1047RR EDF	6	22.4	72.9	75	76.0	21.2	41.1	18576	2130	23.0	70.6	75	75.9	21.3	41.4	23582	2812
2425	951S	4	18.9	73.3	89	74.7	22.4	43.5	13297	1589	24.2	70.6	86	76.2	21.0	40.8	24054	2750
2425	948S	4	20.7	75.2	88	69.3	27.5	49.3	19399	1747	24.7	66.8	86	71.9	25.0	46.2	25045	2731
2425	DLF 2495RR	4	25.6	65.7	73	75.8	21.4	40.7	31139	2662	21.3	70.4	73	69.9	26.9	48.2	20816	2129
2450	BY Belmont RR2	4	20.9	68.8	74	74.1	23.0	45.5	25824	2180	23.4	66.7	75	72.5	24.5	44.4	26631	3004
2450	CP2288VT2P	4	22.5	68.0	76	72.6	24.4	47.8	22618	1882	23.6	64.8	76	73.1	23.9	45.0	27230	3166
2450	DKC081-18RIB	4	21.4	66.6	73	62.5	33.8	60.2	24259	1832	22.4	69.4	74	74.4	22.7	42.6	27185	3358

CHU ¹ Rating	Hybrid	Trait ²	Elm Creek								St Pierre							
			65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ ac)	65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/ Acre ⁴ (lbs/ac)	Beef/ Acre ⁵ (lbs/ ac)
2450	HZ 2225	6	24.0	70.1	78	60.8	35.5	60.4	20250	1467	23.6	72.0	79	77.5	19.8	39.3	26959	3516
2450	MS 8270R	6	23.2	71.8	77	72.6	24.4	47.9	26200	2181	26.3	72.1	77	68.7	28.1	50.8	28127	2888
2475	PV 62683SRIB	34	25.2	67.8	77	76.9	20.4	39.2	24676	2431	26.0	69.3	73	76.6	20.6	39.8	27760	3217
2475	TH8483 DV	6	18.6	68.8	75	69.8	27.0	51.9	21406	1728	19.6	72.4	75	75.3	21.8	43.2	23403	2865
2500	CX25083A/VT2P	8	21.6	66.9	74	75.5	21.6	39.7	23483	2267	16.5	68.7	74	76.9	20.3	39.4	18656	2310
2500	CP2324VT2P	6	18.3	72.0	76	74.1	23.0	44.5	20024	1684	23.1	69.9	73	75.5	21.6	40.6	28857	3475
2500	DKC33-37RIB	6	20.7	69.2	74	77.4	19.9	37.6	22254	2205	24.9	72.0	74	70.4	26.4	46.9	28126	3231
2500	CP2585SS	6	21.0	72.5	80	75.3	21.9	43.8	21955	1859	21.9	68.0	77	77.8	19.5	38.5	23602	2817
2550	TH6185 VT2P	14	22.0	68.1	74	76.8	20.4	38.4	23026	2240	23.5	67.1	75	75.7	21.5	41.4	29165	3482
2550	HZ 2511	4	22.0	71.4	81	77.6	19.7	37.9	21848	2172	24.3	70.7	81	73.4	23.6	45.5	28159	3332
2550	MS 8632R	4	26.7	70.1	78	73.9	23.1	43.6	24025	2399	25.9	69.5	79	74.6	22.5	43.0	26274	2816
2550	DLF ExSeed LF RR	6	21.7	72.9	80	72.4	24.5	44.2	19298	1821	24.5	67.0	80	76.8	20.4	40.2	27334	3248
2600	DKC36-48RIB	6	22.9	68.6	76	78.6	18.8	36.2	22446	2229	24.5	70.2	77	80.8	16.7	34.9	29724	3930
2625	CP2585VT2P	6	22.5	69.7	79	67.8	28.8	53.5	21406	1685	23.4	69.8	78	74.3	22.8	43.8	25043	3153
2625	A5424G2 RIB	6	20.8	70.0	76	72.3	24.7	46.7	22817	1885	20.6	68.1	76	72.0	24.9	46.5	22376	2642
2625	CP2790VT2P	6	21.7	71.3	78	76.6	20.6	42.0	25779	2231	22.4	72.1	76	73.8	23.2	44.0	26172	3053
2625	X25086A/VT2P	6	19.4	71.8	77	80.7	16.8	33.3	21045	2164	24.6	69.2	79	76.7	20.5	39.3	27352	3200
2650	CX25087A/VT2P	4	24.6	68.4	75	73.3	23.8	43.4	25066	2350	22.4	69.6	79	75.2	21.9	41.8	25559	3124
2650	A5686G2 RIB	6	23.3	69.2	74	74.4	22.7	41.3	20085	1979	23.5	70.0	75	72.5	24.5	44.3	27128	3015
2650	CP2732SRR	6	24.0	71.5	79	72.3	24.7	47.3	24153	1998	22.9	71.1	78	79.3	18.1	37.3	24272	2908
2675	HZ 2910	28	24.6	71.1	82	74.2	22.9	41.7	22557	2179	24.0	68.3	78	70.0	26.8	48.2	27046	3086
2675	DKC088-04RIB	32	22.2	71.2	78	72.2	24.7	43.3	19140	1813	23.4	68.1	78	71.8	25.1	45.4	25606	2801
2700	HZ 3010	33	22.7	69.1	75	79.6	17.8	35.8	24025	2425	24.0	68.9	80	74.2	22.9	42.6	28893	3397
2725	HZ 3386	33	25.3	72.7	81	70.5	26.4	50.3	24243	1969	26.5	70.3	81	72.3	24.7	44.2	27905	3050
Mean			22.2	69.4	76						23.3	69.4	76					
CV %			9.8	3.1	1.4						11.1	4.4	1.2					
LSD (0.05)			3.5	3.5	2						4.2	5.0	12					
Sign Diff			Yes	Yes	Yes						Yes	Yes	Yes					
Planting Date			12-May								14-May							
Harvest Date			16-Sep								3-Oct							

¹Each company assigns a corn heat unit (CHU) rating to each of their hybrids. The CHU rating is a measure of relative maturity and is one criteria for choosing a hybrid suitable to your growing region.

²See table below for explanation of codes for special genetic traits. Although the Manitoba Corn Committee believes that information contained in this report is accurate, growers are advised to consult dealers of the respective hybrids before making purchasing or management decisions. Seeds Canada provides a database for corn hybrids available in Canada at seeds-canada.ca/corn-hybrid-database. Information provided includes technology, brand name and refuge requirements.

³Moisture content at harvest.

⁴Milk per Acre was calculated using MILK2006, a model developed by the University of Wisconsin Extension Service.

⁵Beef per Acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.

Explanation of Codes for Special Genetic Traits			
Code	GM Traits	Code	GM Traits
4	Roundup Ready Corn 2	28	Agrisure Above
6	VT Double PRO	30	PowerCore Enlist (PCE)
8	SmartStax	32	Trecepta
14	Agrisure GT	33	Duracade
19	Agrisure GT/CB/LL or Agrisure 3010	34	Duracade Viptera

ANNUAL FORAGES

The MCVET Annual Forage trials evaluated different crop types and varieties for forage yield and quality for livestock feed. Annual crops are more moisture efficient than perennial forages such as alfalfa or timothy. Both warm (sorghum, millet) and cool season crops were included in the trials. Warm season crops are more drought and heat tolerant than cool season crops. Varieties were selected for their higher grain yield, taller growth, lodging resistance, and better disease resistance. Quality is highly dependent on plant maturity at harvest. For optimum quality: harvest barley at early-mid dough stage; oats & triticale at milk-early dough stage; peas at full pod formation; millet and sorghum at early heading.

Variety Descriptions

Variety descriptions for wheat, barley and oat crop types can be found in the Cereal Crops section of Seed Manitoba 2026 pages 15-39
Field pea variety information can be found on pages 90-91.

TRITICALE						
Variety	Days to Maturity (+/- Banjo)	Resistance Level:				
		Lodging	Stem Rust	Leaf Rust	Bunt	Fusarium
AC Alta	-1	G	R	R	R	-
AC Certa	-3	G	R	R	R	I
Banjo	100 days	G	R	R	R	-
Pronghorn	-4	G	R	R	R	I
SANDRO	-3	G	R	R	R	-
WCI Widdicombe ☺	-4	VG	R	R	R	I

Comments: WCI Widdicombe (☺) has reduced awns.

	Seed Colour	Seed Size (seeds/lb)	Days to Head	Days to Maturity
FOXTAIL MILLET				
Yellow (Golden German)	Yellow	160-170,000	75-90	85-95
Red (Siberian)	Red	169-170,000	55-70	70-90
PROSO MILLET				
Green (Crown)	Gray/Green	70-90,000	50-60	85-90
Red (Cerise)	Red	70-90,000	50-60	85
Yellow (AC Prairie Gold)	Yellow	70-90,000	50-60	75
SORGHUM				
Forage Sorghum	-	-	-	85-90
Sorghum sudangrass	-	-	-	80-85
COVER CROP BLEND	-	-	-	-

Cover Crop Blend: Oats, barley, wheat, italian rye grass, triticale, peas, flax, radish, hairy vetch and turnip

Seed source for millet & sorghum: Imperial Seed
Seed source for triticale: Field Crop Development Centre
Cover Crop seed provided by Covers & Co.

2025 Feed Quality Comparisons

Crop	Variety	Forage Quality ¹				
		RFV (%) ²				
		Arborg	Carberry	Melita	Roblin	Average
Oats	CDC Arborg ☺	139	149	117	96	
Oats	ORe RUMINATOR ☺ VUA	127	134	97	123	
Oats	ORe BOOST ☺ VUA	147	118	99	93	
Oats	CDC Westgate ☺	132	132	95	86	
	Oat Average	133	133	103	102	123
Barley	AB Advantage ☺	175	221	147	95	
Barley	AB Tofield ☺	215	280	155	121	
Barley	CDC Harness ☺	207	216	136	144	
Barley	CDC Renegade ☺	174	235	134	106	
	Barley Average	193	238	143	117	191
Peas/Barley	CDC Lewochko ☺ - AB Advantage ☺	162	285	151	108	
Peas/Oats	DL Delicious ☺ VUA - CDC Arborg ☺	135	156	112	87	
	Pea/cereal Average	149	221	132	98	167
Spring Triticale	WCI Widdicombe ☺	148	166	121	75	128
Proso Millet	Crown ⁵	137	103	104	101	
Foxtail Millet	Siberian ⁵	105	76	85	139	
	Millet Average	121	90	95	120	102
Sorghum Sudangrass	common ⁵	104	94	96	112	
Forage Sorghum	common ⁵	103	114	125	114	
	Sorghum Average	114	95	101	117	103
Cover crop	blend	147	170	102	103	131

¹ Quality tests were done by wet chemistry and were a composite of the three plots/site.

² Relative feed value (RFV)

³ Crude protein (CP)

⁴ Total Digestive Nutrients (TDN)

⁵ Due to lack of availability, common seed was used.

Crop	Variety	CP (%) ³					TDN (%) ⁴				
		Arborg	Carberry	Melita	Roblin	Average	Arborg	Carberry	Melita	Roblin	Average
Oats	CDC Arborg ☺	8.1	9.9	11.4	10.8		71.3	71.9	63.1	60.2	
Oats	ORe RUMINATOR ☺ VUA	8.7	9.8	11.2	8.3		68.9	69.8	60.6	67.4	
Oats	ORe BOOST ☺ VUA	8.0	9.9	12.2	11.2		71.1	66.5	61.1	60.2	
Oats	CDC Westgate ☺	8.1	8.9	10.9	9.0		71.2	67.7	59.9	58.3	
	Oat Average	8.2	9.6	11.4	9.8	9.8	70.6	101.0	61.2	61.5	73.6
Barley	AB Advantage ☺	7.5	10.0	13.1	12.5		76.1	79.7	70.7	60.3	
Barley	AB Tofield ☺	7.5	9.8	11.5	10.4		81.0	83.8	72.6	66.4	
Barley	CDC Harness ☺	8.8	10.5	11.0	6.1		80.0	77.7	69.8	70.3	
Barley	CDC Renegade ☺	7.2	10.2	11.6	11.4		76.0	81.0	70.5	62.7	
	Barley Average	7.8	10.1	11.8	10.1	10.0	78.3	80.5	70.9	64.9	73.7
Peas/Barley	CDC Lewochko ☺ - AB Advantage ☺	7.7	13.9	14.6	5.9		74.8	82.4	71.2	63.8	
Peas/Oats	DL Delicious ☺ VUA - CDC Arborg ☺	9.6	12.9	12.7	6.4		68.5	74.5	63.9	56.5	
	Pea/cereal Average	8.7	13.4	13.6	6.2	10.5	71.6	78.4	67.5	60.1	69.4
Spring Triticale	WCI Widdicombe ☺	8.7	11.2	12.9	5.3	9.5	73.8	73.4	65.7	52.3	66.3
Proso Millet	Crown ⁵	8.9	8.4	10.7	11.5		72.5	62.7	62.5	63.0	
Foxtail Millet	Siberian ⁵	10.6	9.2	10.9	10.5		65.1	53.6	56.0	68.8	
	Millet Average	9.8	8.8	10.8	11.0	10.1	68.8	58.1	59.3	65.9	63.0
Sorghum Sudangrass	common ⁵	10.0	10.9	8.0	11.4		66.0	60.2	58.3	63.8	
Forage Sorghum	common ⁵	12.0	12.1	6.9	5.3		66.3	66.5	65.3	66.2	
	Sorghum Average	10.2	9.8	9.5	9.9	9.9	67.7	60.2	60.3	65.5	63.4
Cover crop	blend	8.3	10.5	14.6	13.0	11.6	72.4	72.8	57.7	62.5	66.3

¹ Quality tests were done by wet chemistry and were a composite of the three plots/site.

² Relative feed value (RFV)

³ Crude protein (CP)

⁴ Total Digestive Nutrients (TDN)

⁵ Due to lack of availability, common seed was used.

2025 ANNUAL FORAGE - YIELD COMPARISONS

The 2025 annual forage trial combined all crops and varieties in one trial with three replicates per site.

Quality is highly dependent on plant maturity at harvest. Barley was harvested in mid dough stage; oats & triticale at milk- early dough stage; peas at early pod wrinkle; millet and sorghum at heading.

Crop	Variety	2025 Dry Matter Yield (tonnes/acre) ¹				Manitoba Average
		Arborg	Carberry	Melita	Roblin	
Oats	CDC Arborg ☺	2.0	2.7	5.5	5.6	3.95
Oats	ORe RUMINATOR ☺ VUA	2.1	3.2	4.7	5.4	3.85
Oats	ORe BOOST ☺ VUA	2.0	2.6	5.5	5.1	3.80
Oats	CDC Westgate ☺	2.1	4.2	6.2	6.3	4.70
Oat Average						4.08
Barley	AB Advantage ☺	3.1	4.0	5.8	6.8	4.93
Barley	AB Tofield ☺	3.1	3.5	4.2	6.5	4.33
Barley	CDC Renegade ☺	3.3	4.3	5.2	6.7	4.88
Barley	CDC Harness ☺	3.3	4.3	5.5	6.9	5.00
Barley Average						4.78
Peas/Barley	CDC Lewochko ☺ - AB Advantage ☺	3.1	4.0	4.0	6.3	4.35
Peas/Oats	DL Delicious ☺ VUA - CDC Arborg ☺	1.4	3.5	4.3	4.8	3.50
Pea/cereal Average						3.93
Spring Triticale	WCI Widdicombe ☺	2.4	4.0	5.3	5.6	4.33
Proso Millet	Crown ²	2.5	2.8	4.5	4.5	3.58
Foxtail Millet	Siberian ²	1.8	3.9	4.4	4.8	3.73
Millet Average						3.65
Sorghum Sudangrass	common ²	2.6	3.9	12.6	6.9	6.50
Forage Sorghum	common ²		2.5	10.1	9.9	7.50
Sorghum Average						7.00
Cover crop	Cover crop blend	1.6	3.2	4.5	5.8	3.78
Grand Mean (tonnes/acre)		2.4	3.6	5.8	6.1	
CV %		18.9	3.5	9.5	18.6	
LSD (0.05)		0.8	0.2	1.2	1.9	
Sig Diff		Yes	Yes	Yes	Yes	
Seeding Date		May 6 & 27	May 8	June 4	May 26	
Harvest Date		24-Jul	Aug 7,11 & 12	Aug 12,13 & 20	Aug 12 & Sept 23	

¹ Dry matter yields measured under a one-cut system.

² Due to lack of availability, common seed was used.

Sorghum and millet were harvested later at most of the sites due to their later maturity.

Sorghum and millet were seeded later in Arborg.

DISTRIBUTOR CONTACTS FOR FORAGE VARIETIES IN SEED MANITOBA 2026

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

FORAGE

See cereal and pulse distributor contacts and growers list for forage varieties of oat, barley, and pea. See forage growers list for perennial forage types.

ALFALFA

Dakota	DSV NORTHSTAR LTD.
Escalade BR	DSV NORTHSTAR LTD.
Instinct	DLF CANADA INC.
Performer	DSV NORTHSTAR LTD.
Rugged ST	DSV NORTHSTAR LTD.
Sidewinder	DSV NORTHSTAR LTD.
Vision	DLF CANADA INC.

BIRDSFOOT TREFOIL

Bull	DLF CANADA INC.
Lotanova	DLF CANADA INC.
Bromegrass	
AAC Maximus	DSV NORTHSTAR LTD.
AC Knowles	DSV NORTHSTAR LTD.

FESCUE

Pradel	DSV NORTHSTAR LTD.
Preval	DSV NORTHSTAR LTD.
Yukon	DSV NORTHSTAR LTD.

SAINFOIN

AAC Mountainview	DSV NORTHSTAR LTD.
------------------	--------------------

TIMOTHY

Arlaka	DLF CANADA INC.
Aturo	DSV NORTHSTAR LTD.
Comer	DLF CANADA INC.
Comtal	DLF CANADA INC.
Express	DSV NORTHSTAR LTD.
Ovation	DSV NORTHSTAR LTD.
Radde	DSV NORTHSTAR LTD.
Richmond	DLF CANADA INC.
Sahara DT	DLF CANADA INC.
Summergraze	DLF CANADA INC.

PLANT FOR SUCCESS

BOOK YOUR 2026 SEED EARLY!



WHEAT

- › AAC Viewfield
- › AAC Brandon
- › AAC Starbuck
- › SY Manness
- › AAC Hockley
- › Faller
- › Prosper
- › AAC Westking

FLAX

- › Rowland
- › Esme

OATS

- › Summit
- › CDC Endure
- › AAC Douglas
- › CDC Anson

BARLEY

- › CDC Austenson
- › AAC Synergy

CORN

- › Northstar
- › Dekalb
- › Maizex
- *custom planting available

SOYBEANS

- › All the latest from Northstar, DeKalb, Maizex, Brett Young

CANOLA

- › Liberty Link
- › Clearfield

SEED TREATMENTS & INOCULANTS

CALL KEVIN, DEREK & RICK 204-746-8325 • WWW.FRIESESEEDS.CA

Treasure	DSV NORTHSTAR LTD.
Valor	DLF CANADA INC.

WHEATGRASS

AAC Renegade	DSV NORTHSTAR LTD.
--------------	--------------------

CORN

913S	NorthStar Genetics
924S	NorthStar Genetics
932S	NorthStar Genetics
948S	NorthStar Genetics
951S	NorthStar Genetics
A5175G2 RIB	PRIDE Seeds
A5424G2 RIB	PRIDE Seeds
A5686G2 RIB	PRIDE Seeds
AS1018G2 EDF	PRIDE Seeds
AS1028G2 EDF	PRIDE Seeds
AS1047RR EDF	PRIDE Seeds
AS1058G2 EDF RIB	PRIDE Seeds
BY Belmont RR2	BrettYoung
BY Brava RR2	BrettYoung
BY Guernsey V2TP	BrettYoung
BYM2527002TR	BrettYoung
BYM2528003TV	BrettYoung
CP1440VT2P	CROPLAN
CP2130VT2P	CROPLAN
CP2288VT2P	CROPLAN
CP2324VT2P	CROPLAN
CP2585SS	CROPLAN
CP2585VT2P	CROPLAN
CP2732SRR	CROPLAN
CP2790VT2P	CROPLAN
CX25071A/VT2P	CROPLAN
CX25083A/VT2P	CROPLAN
CX25087A/VT2P	CROPLAN
DKC081-18RIB	DEKALB
DKC088-04RIB	DEKALB
DKC33-37RIB	DEKALB
DKC36-48RIB	DEKALB
DLF 2333RR	DLF Canada
DLF 2495RR	DLF Canada
DLF ExSeed LF RR	DLF Canada
G3201 VT2Pro	PRIDE Seeds
HZ 1435	Horizon Seeds
HZ 1831	Horizon Seeds
HZ 2225	Horizon Seeds
HZ 2511	Horizon Seeds

HZ 2910	Horizon Seeds
HZ 3010	Horizon Seeds
HZ 3386	Horizon Seeds
MS 7711R	Maizex Seeds
MS 7822DBR	Maizex Seeds
MS 8022R	Maizex Seeds
MS 8270R	Maizex Seeds
MS 8632R	Maizex Seeds
NS EXP89F	NorthStar Genetics
PV 61578SRR	Proven Seed
PV 61677SRIB	Proven Seed
PV 62683SRIB	Proven Seed
TH4678 RR	Thunder Seed
TH6180 VT2P	Thunder Seed
TH6185 VT2P	Thunder Seed
TH6477 PC	Thunder Seed
TH6678 VT2P	Thunder Seed
TH8483 DV	Thunder Seed
X25086A/VT2P	CROPLAN

DISTRIBUTOR CONTACTS - FORAGE SEED

DISTRIBUTOR	PHONE NUMBER
Alliance Seed	1-877-270-2890
BrettYoung	1-800-665-5015
DL Seeds	1-204-331-3611
DLF Canada	1-705-878-9240
Dyck Seeds	1-888-204-1000
FP Genetics	1-877-791-1045
Imperial Seed	1-204-786-8457
Interlake Forage Seeds	1-204-372-6920
DSV Northstar Ltd.	1-800-430-5955
Nutrien	1-800-661-3334
SeCan	1-800-667-0403

DISTRIBUTOR CONTACTS - CORN SILAGE

DISTRIBUTOR	PHONE NUMBER
Bayer CropScience Canada Inc (DEKALB)	1-888-283-6847
BrettYoung	1-800-665-5015
DLF Canada Inc.	1-204-633-0088
Horizon Seeds Canada Inc (Horizon Seeds)	1-855-983-7255
Maizex Seeds Inc (Maizex Seeds)	1-877-682-1720
NorthStar Genetics Ltd. (NorthStar Genetics)	1-204-262-2425
Nutrien Ag Solutions (Proven Seed)	1-855-569-9444
PRIDE Seeds	1-800-265-5280
Thunder Seed Canada Inc (Thunder Seed)	1-888-684-8633
WinField United Canada (CROPLAN)	1-888-975-4769

ALFALFA

	S	F	R	C
ALGONQUIN				
Faulkner; Olson, Brian 204-302-8322				C
Hilbre; Hickman, Wallace & Mark 204-768-0607				C
DAKOTA				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
ENFORCER				
Neepawa; DSV Northstar Ltd. 204-476-5241		F		
ESCALADE BR				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
JACKKNIFE				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
PERFORMER				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
RUGGED ST				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
SIDEWINDER				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

BROMEGRASS - MEADOW

	S	F	R	C
AAC MAXIMUS				
Neepawa; DSV Northstar Ltd. 204-476-5241			F	C

BROMEGRASS - HYBRID

	S	F	R	C
AC KNOWLES				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

BIRDSFOOT TREFOIL

	S	F	R	C
BRUCE				
Fisher Branch; Interlake Forage Seeds Ltd. 204-372-6920			F	C
LEO				
Beausejour; Murash Farms Ltd. 204-268-0211				C
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
REVIVE				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C

MEADOW FESCUE

	S	F	R	C
PREVAL				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
Neepawa; Tibbett Enterprises Ltd. 204-841-3060			F	
TENERO				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
TETRAX				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

TALL FESCUE

	S	F	R	C
COURTENAY				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
PALATINE				
Neepawa; DSV Northstar Ltd. 204-476-5241			F	
ROSCATI				
Mountain Road; Foggy Mountain Farms Ltd. 204-841-1403			F	
ROTINO				
Neepawa; DSV Northstar Ltd. 204-476-5241			F	
YUKON				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

LUPIN - SWEET WHITE

	S	F	R	C
DIETA				
Carman; Menold, Ulrich, Tyler & Lucas 204-750-2675				R

SAINFOIN

	S	F	R	C
AAC MOUNTAINVIEW				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

TIMOTHY

	S	F	R	C
ATURO				
Neepawa; DSV Northstar Ltd. 204-476-5241			F	C
CLIMAX				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
DOUBLECROP				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
EXPRESS				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
FJORD				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
OVATION				
Neepawa; DSV Northstar Ltd. 204-476-5241				C
PRIMOR				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
RADDE				
Neepawa; DSV Northstar Ltd. 204-476-5241			F	C
RICHMOND				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
Riverton; Loewen Farms Riverside Ltd. 204-642-2820				C
SAHARA DT				
Middlebro; Ewacha, Curtis A. & Vicki 204-999-9212				C
TREASURE				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

RYEGRASS - ANNUAL

	S	F	R	C
FALLADINO				
Neepawa; DSV Northstar Ltd. 204-476-5241				C

WHEATGRASS - CRESTED

	S	F	R	C
AAC RENEGADE				
Neepawa; DSV Northstar Ltd. 204-476-5241				R C