

Forage Crops

Key to 2022 Yield or 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 Breeder's Rights legislation that complies with UPOV 1978.

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

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.



Manitoba Agriculture Variety Guide

FORAGE ADAPTATION & COMPARISON GUIDE

LEGUMES

Forage	Primary Use	Longevity	Winter Hardiness	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	Hay & 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.

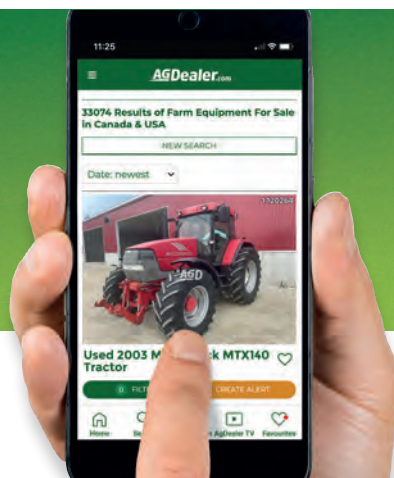
TAME GRASSES

Altai Wild Ryegrass	Pasture	Long	Excellent	High	Low	Very High	Loam & 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.

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Forage	Use	Longevity	Winter Hardiness	Tolerance to:			Preferred Climate and Growing Conditions
				Drought	Flooding	Salinity	
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	Hay & 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

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 alkaline soil. Tolerates periodic flooding.

Source: Manitoba Agriculture and Resource Development — Forage Adaptation & Comparison Guide

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 plant population of 32,000 plants per acre.

Yields are corrected to 65% moisture.

The Manitoba Corn Committee releases the annual trial results per location for the Corn Hybrid Performance trials on the Manitoba Crop Alliance website. For the complete results, visit the MCA website at <https://www.mbcropalliance.ca>.

CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor	St Pierre							
				65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/Acre ⁴ (lbs/ac)	Beef/Acre ⁵ (lbs/ac)
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	15.7	67.8	69	67.2	29.4	49.5	18270	1353
2150	913S	RR2	NorthStar Genetics	17.2	67.0	71	65.4	31.1	55.8	19007	1445
2150	AS1017RR EDF	RR2	PRIDE Seeds	17.8	62.7	71	67.4	29.3	51.4	18044	1536
2150	TH4076 HDRR	RR2	Thunder Seed	16.2	69.6	70	68.5	28.3	49.6	17544	1423
2200	CSX22077A/RR	RR	CROPLAN	16.4	67.0	71	68.3	28.4	51.8	17390	1432
2200	PS 2320RR	RR2	DLF Canada	16.0	67.6	69	70.2	26.6	48.4	21203	1438
2200	PV 61177SRR	RR2	Proven Seed	18.4	67.5	71	66.5	30.1	47.2	17275	1574
2225	TH6278 VT2P	VT2P	Thunder Seed	17.9	67.0	70	71.7	25.2	44.7	17706	1646
2250	BY Brava RR2	RR2	BrettYoung	19.0	70.0	70	70.5	26.4	45.3	21236	1718
2250	HZ 1685	Agrisure Viptera 3110	Horizon Seeds	15.8	71.4	72	68.9	27.9	47.4	16790	1394
2250	MS 8022R	RR2	Maizex Seeds	18.4	69.9	68	69.9	26.9	47.3	19603	1653
2250	Riel	GT	Greenfield Genetics	16.9	69.0	68	71.9	25.1	45.2	17256	1556
2275	PS 2333RR	RR2	DLF Canada	16.2	69.2	68	67.5	29.2	50.1	19392	1405
2300	A4705HMRR	RR2	PRIDE Seeds	18.5	68.1	69	69.5	27.2	50.7	18515	1647
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	15.8	66.2	70	64.8	31.7	52.1	15610	1313
2300	HZ 1710	Agrisure 3010	Horizon Seeds	19.8	68.8	71	66.0	30.5	52.7	22518	1678
2300	Ranger	GT	Greenfield Genetics	14.7	68.9	70	68.8	27.9	50.4	15645	1299
2300	TH6180 VT2P	VT2P	Thunder Seed	17.9	64.1	68	69.3	27.4	48.1	19944	1592
2300	X22080A/VT2P	VT2P/RIB	CROPLAN	16.7	69.9	70	71.1	25.8	46.5	16575	1525
2325	928S	RR2	NorthStar Genetics	19.5	67.8	76	68.8	27.9	53.8	17878	1719
2325	DKC30-63RIB	VT2P	DEKALB	17.4	66.9	72	64.3	32.1	57.7	16406	1435
2325	PS 2495RR	RR2	DLF Canada	19.9	66.4	70	64.7	31.8	52.5	20420	1652
2350	AS1027RR EDF	RR2	PRIDE Seeds	18.1	67.8	74	74.1	23.0	41.9	18350	1723
2350	HZ 675	Agrisure 3010	Horizon Seeds	17.1	71.4	72	68.5	28.2	47.4	17145	1506
2350	NK7837-V	Agrisure Viptera	NK	16.6	68.9	71	68.4	28.3	52.7	15242	1453
2350	PV 62181SRIB	VT2P	Proven Seed	16.7	70.1	67	69.9	27.0	45.0	15472	1494
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	17.1	67.2	68	71.6	25.3	44.4	18013	1567
2400	932S	RR2	NorthStar Genetics	19.7	71.4	78	67.6	29.1	56.6	17159	1710
2400	AS1047RR EDF	RR2	PRIDE Seeds	19.5	70.1	73	66.5	30.1	50.0	18684	1660
2400	NK8005-V	Agrisure Viptera	NK	15.9	69.1	71	62.0	34.3	56.7	16331	1266
2425	DKC31-85RIB	VT2P	DEKALB	16.5	69.0	72	68.4	28.3	48.9	17791	1450
2450	BY Belmont RR2	RR2	BrettYoung	22.1	65.2	72	69.0	27.8	49.2	23031	1956
2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN	16.9	68.9	71	72.9	24.1	43.6	19722	1580
2450	HZ 2220	Agrisure 3010	Horizon Seeds	17.6	71.1	71	67.8	28.9	47.6	20162	1532
2450	MS 8270R	RR2	Maizex Seeds	20.0	67.4	73	70.9	26.0	46.3	23328	1818
2450	PS ExSeed LF RR	RR2	DLF Canada	17.8	72.9	76	69.5	27.2	53.5	15722	1585
2450	TH6183 VT2P	VT2P	Thunder Seed	16.8	69.1	70	70.4	26.4	46.2	17969	1516
2475	X22084A/VT2P	VT2P/RIB	CROPLAN	14.9	71.5	70	72.5	24.5	44.3	16654	1383
2500	CP2315VT2P/RIB	VT2P/RIB	CROPLAN	17.4	69.1	71	70.5	26.4	43.8	18515	1577
2500	CP2585VT2P/RIB	VT2P/RIB	CROPLAN	17.0	72.5	73	70.2	26.6	46.2	17739	1534
2500	DKC33-37RIB	VT2P	DEKALB	18.0	67.9	71	69.5	27.3	49.1	18819	1600
2525	PS ExAmine LFF RR	RR2	DLF Canada	18.2	68.8	76	61.9	34.4	57.9	18363	1446
2550	MS 8632R	RR2	Maizex Seeds	19.4	71.2	76	67.7	29.0	49.5	19160	1682
2550	NK8204-V	Agrisure Viptera	NK	16.2	69.7	74	67.0	29.6	50.0	17544	1394
2550	PV 62485RIB	VT2P	Proven Seed	15.5	69.4	72	71.3	25.6	45.1	15569	1415
2550	TH6185 VT2P	VT2P	Thunder Seed	17.2	69.1	72	69.7	27.1	46.0	18776	1542
2575	DKC34-57RIB	VT2P	DEKALB	17.8	68.6	72	68.4	28.3	50.4	19755	1557
2600	CSX22086A/RR	RR	CROPLAN	19.2	67.0	76	69.4	27.4	49.1	20118	1714
2600	DKC36-48RIB	VT2P	DEKALB	22.1	66.1	72	69.9	26.9	45.8	21645	1984
2600	Maxx	GT	Greenfield Genetics	16.3	72.8	75	61.8	34.5	57.4	16361	1296
2600	TH4386 HDRR	RR2	Thunder Seed	18.4	68.6	76	61.2	35.0	59.3	18147	1446
2650	CP2790VT2P/RIB	VT2P/RIB	CROPLAN	19.5	68.4	71	73.7	23.3	41.9	20221	1846
2650	NK8519-DV	Agrisure Duracade/Viptera	NK	16.7	70.8	77	67.3	29.3	56.3	13989	1438
2650	NK8618-D	Agrisure Duracade	NK	19.1	66.9	75	63.5	32.9	55.4	21790	1553

CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor	St Pierre - 2022							
				65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN (%)	ADF (%)	NDF (%)	Milk/Acre ⁴ (lbs/ac)	Beef/Acre ⁵ (lbs/ac)
2650	NK8760-V	Agrisure Viptera	NK	18.0	70.0	74	67.6	29.1	50.1	19718	1562
2650	X22087A/VT2P	VT2P/RIB	CROPLAN	18.5	70.1	74	67.9	28.8	47.3	19461	1612
2675	CP2845VT2P/RIB	VT2P/RIB	CROPLAN	15.7	72.8	72	67.9	28.8	47.8	17405	1367
2700	HZ 3020	Agrisure GT	Horizon Seeds	17.9	70.7	76	67.2	29.4	50.6	19206	1547
2725	DKC39-55RIB	VT2P	DEKALB	19.5	68.5	74	69.8	27.0	44.5	18375	1744
2750	Dalton	3010	Greenfield Genetics	20.3	68.0	75	65.1	31.4	53.5	21000	1698
2750	HZ 878	Agrisure Viptera 3220 EZR	Horizon Seeds	21.8	69.9	76	66.8	29.8	54.9	21103	1867
2750	LFG 8755R	RR2	Maizex Seeds	18.6	72.7	81	62.9	33.5	55.1	17468	1498
2750	NK9175-DV	Agrisure Duracade/Viptera	NK	18.5	72.4	77	70.7	26.2	45.5	19408	1674
2750	Prime	3000 GT	Greenfield Genetics	18.3	73.8	76	67.5	29.1	50.0	16637	1586
Mean				17.8	69.1	72					
CV %				10.0	3.4	1.46					
LSD (0.05)				2.9	3.8	2					
Sig Diff				Yes	Yes	Yes					
Planting Date:				27-May							
Harvest Date:				22-Sep							

1 Each 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.

2 Seeds Canada provides a database for corn hybrids available in Canada at <https://seeds-canada.ca/corn-hybrid-database>. Information provided includes technology, brand name and refuge requirements.

3 Moisture content at harvest.

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

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

ANNUAL FORAGES

Variety Descriptions

Variety descriptions for wheat, barley and oat crop types can be found in the Cereal Crops section of SEED Manitoba 2023 page 21.

Field pea variety information can be found on page 90.

Quality is highly dependent on plant maturity at harvest. For optimum quality: harvest barley at early-mid dough stage; oats & triticale at milk to early dough stage; peas at full pod formation; millet and sorghum at early heading.

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	—

	Seed Color	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 sudan grass	—	—	—	80-85

ANNUAL FORAGES (continued)

Quality Comparisons

Crop	Variety	RFV (%) ²					CP (%) ³				
		Arborg	Carberry	Carman	Melita	Roblin	Arborg	Carberry	Carman	Melita	Roblin
Oats	Haymaker	90	95	148	112	86	13.2	11.4	10.1	8.0	11.9
Oats	CDC Arborg ^⓪	100	111	123	121	93	13.1	10.4	8.9	8.2	12.9
Oats	CDC Endure ^⓪	97	126	124	115	94	12.4	10.8	10.2	8.1	13.8
	Oat Average	96	111	132	116	91	12.9	10.9	9.7	8.1	12.9
Barley	AB Advantage ^⓪	123	171	148	127	112	11.7	11.3	9.0	8.3	17.0
Barley	AB Cattelac ^⓪	126	162	123	141	123	12.2	12.0	10.5	11.5	13.0
Barley	AB Tofield ^⓪	114	188	111	97	126	11.5	11.1	9.2	7.6	14.0
Barley	CDC Renegade ^⓪	118	144	136	153	121	12.3	12.3	8.9	8.7	13.6
Barley	AB Hague ^⓪	118	178	116	102	130	10.7	11.6	10.2	6.6	12.2
	Barley Average	120	169	127	124	122	11.7	11.7	9.6	8.5	14.0
Peas/Barley	CDC Lewochko ^⓪ -AB Advantage ^⓪	109	223	123	87	118	12.7	11.5	10.5	6.4	13.7
Peas/Oats	CDC Lewochko ^⓪ -CDC Arborg ^⓪	116	115	116	127	100	12.6	12.2	12.4	8.1	14.8
	Pea/cereal Average	113	169	120	107	109	12.7	11.9	11.5	7.3	14.3
Spring Triticale	Pronghorn ⁵	109	110	105	108	124	11.6	8.6	8.9	11.6	10.3
Proso Millet	Crown ⁵	107	114	91	131	100	11.0	9.7	10.3	7.2	15.5
Yellow Foxtail Millet	Golden German ⁵	95	93	78	108	76	10.5	7.2	8.1	8.0	10.4
	Millet Average	101	104	85	120	88	10.8	8.5	9.2	7.6	13.0
Sorghum sudangrass	common ⁵	93	145	91	99	103	11.3	5.4	8.2	8.5	6.4
Forage Sorghum	common ⁵	89	137	87	137	99	7.4	6.6	6.4	7.5	8.7
	Sorghum Average	91	141	89	118	101	9.4	6.0	7.3	8.0	7.6

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)

Yield Comparisons

The 2022 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	2022 Dry Matter Yield (tonnes/acre) ¹					Manitoba Average
		Arborg	Carberry	Carman	Melita	Roblin	
Oat	Haymaker	3.9	5.6	3.6	4.7	7.1	5.0
Oat	CDC Arborg ^⓪	3.8	7.8	4.4	4.0	7.0	5.4
Oat	CDC Endure ^⓪	3.3	6.8	3.8	4.4	7.2	5.1
	Oat Average						5.2
Barley	AB Advantage ^⓪	3.2	4.7	4.0	5.0	4.7	4.3
Barley	AB Cattelac ^⓪	3.0	5.5	3.3	4.4	4.6	4.2
Barley	AB Tofield ^⓪	2.9	5.8	3.7	4.7	6.1	4.7
Barley	CDC Renegade ^⓪	3.4	6.9	4.6	5.0	6.6	5.3
Barley	AB Hague ^⓪	1.9	4.9	3.6	4.2	5.0	3.9
	Barley Average						4.5
Pea/Barley	CDC Lewochko ^⓪ -AB Advantage ^⓪	3.5	5.5	3.4	4.5	3.7	4.1
Pea/Oat	CDC Lewochko ^⓪ -CDC Arborg ^⓪	4.4	5.7	3.5	4.6	3.5	4.3
	Pea/cereal Average						4.2
Spring Triticale	Pronghorn2	4.0	5.1	3.7	5.5	5.1	4.7
Proso Millet	Crown2	1.0	4.2	4.1	3.5	2.6	3.1
Yellow Foxtail Millet	Golden German2	1.5	5.8	5.3	3.5	4.7	4.1
	Millet Average						3.6
Sorghum sudangrass	common2	2.8	8.8	8.2		10.6	7.6
Forage Sorghum	common2	4.7	9.7	7.8		10.4	8.2
	Sorghum Average						7.9
Grand Mean (tonnes/acre)		3.1	6.2	4.5	4.5	5.9	
CV %		11.4	20.9	20.0	5.8	10.6	
LSD (0.05)		0.6	2.2	1.5	0.4	1.1	
Sig Diff		yes	yes	yes	yes	yes	
Seeding Date		24-May	26-May	26-May	31-May	27-May	
Harvest Date		29-July to 25-Aug	10-Aug & 30-Aug	10-Aug & 25-Aug	22-July & 5-Aug	29-July to 9-Sept	

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

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

Crop	Variety	Forage Quality ¹ TDN (%) ⁴				
		Arborg	Carberry	Carman	Melita	Roblin
Oats	Haymaker	57.2	58.1	65.4	66.9	58.0
Oats	CDC Arborg ^⓪	59.7	60.5	63.0	64.0	57.1
Oats	CDC Endure ^⓪	60.4	63.6	62.6	64.2	58.7
	Oat Average	59.1	60.7	63.7	65.0	57.9
Barley	AB Advantage ^⓪	67.4	71.7	68.7	65.5	64.7
Barley	AB Cattelac ^⓪	69.5	71.2	65.3	67.1	65.0
Barley	AB Tofield ^⓪	65.6	74.4	61.3	58.9	66.7
Barley	CDC Renegade ^⓪	67.8	70.4	68.8	71.5	64.0
Barley	AB Hague ^⓪	67.2	74.9	64.2	62.4	66.7
	Barley Average	67.5	72.5	65.7	65.1	65.4
Peas/Barley	CDC Lewochko ^⓪ -AB Advantage ^⓪	63.4	80.0	63.1	57.0	63.7
Peas/Oats	CDC Lewochko ^⓪ -CDC Arborg ^⓪	57.7	63.2	60.0	65.3	57.7
	Pea/cereal Average	60.6	71.6	61.6	61.2	60.7
Spring Triticale	Pronghorn ⁵	62.9	60.5	63.3	59.1	64.7
Proso Millet	Crown ⁵	69.7	64.0	57.6	67.2	63.6
Yellow Foxtail Millet	Golden German ⁵	60.3	59.0	52.6	62.9	52.4
	Millet Average	65.0	61.5	55.1	65.1	58.0
Sorghum sudangrass	common ⁵	60.9	70.8	61.0	59.7	59.9
Forage Sorghum	common ⁵	57.6	69.1	59.3	69.0	63.1
	Sorghum Average	59.3	70.0	60.2	64.4	61.5

4 Total Digestive Nutrients (TDN)

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

Distributor Contacts for Listed Varieties in Seed Manitoba 2023

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.

DISTRIBUTOR - FORAGE SEED

PHONE NUMBER

Alliance Seed	1-877-270-2890
Brett Young	1-800-665-5015
DL Seeds.....	204-331-3611
Dyck Seeds	1-888-204-1000
FP Genetics.....	1-877-791-1045
Imperial Seed	1-204-786-8457
Interlake Forage Seeds	1-800-900-1390
DSV Northstar Ltd.	1-800-430-5955
DLF Canada	1-800-263-7425
Proven Seed.....	1-800-661-3334
SeCan	1-800-665-7333

DISTRIBUTOR - CORN SILAGE

PHONE NUMBER

Bayer CropScience Canada Inc (DEKALB)	1-888-283-6847
Brett Young	1-800-665-5015
DLF Pickseed Canada Inc (DLF Canada).....	1-204-633-0088
Fraser Seeds Ltd (Greenfield Genetics)	1-604-857-3355
Horizon Seeds Canada Inc (Horizon Seeds).....	1-855-983-7255
Maizex Seeds Inc (Maizex Seeds).....	1-877-682-1720
DSV Northstar Ltd. (NorthStar Genetics).....	1-204-262-2425
Nutrien Ag Solutions (Proven Seed)	1-855-569-9444
PRIDE Seeds	1-800-265-5280
Syngenta (NK).....	1-877-964-3682
Thunder Seed Canada Inc (Thunder Seed).....	1-888-684-8633
WinField United Canada (CROPLAN)	1-888-975-4769

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.

CORN

See Silage Corn table for specific hybrids, then check distributor table below for phone number.



www.dlfpickseed.com

DLF PICKSEED's focus is to help farmers with innovative and quality forage seed products.

For hay and pasture seed purchases contact:

Tom Rinn

2048999730
trinn@dlfpickseed.com

Shane Terry

2042236184
sterry@dlfpickseed.com

For forage and turfgrass seed production contracts:

Marcel Greaves

2047719929
mgreaves@dlfpickseed.com

Dan McGill

2047710482
dmcgill@dlfpickseed.com

Growers List



FORAGING CROPS

ALFALFA

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☽ protected or pending under UPOV 1991.

ALGONQUIN			
Fisher Branch; SKUBA, BONNY	204-805-0785		C
DAKOTA			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955	F	C
ENDURANCE			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
ESCALADE BR			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955	F	
EXTREME HD			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
INSTINCT			
Winnipeg; DLF CANADA INC.	204-633-0088		C
PERFECTION			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
PERFORMER			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
POWER 4.2			
Broad Valley; WOLOSHYN FORAGE SEED FARMS ...	204-280-0801		C
REVOLUTION MD (MAGNET 401)			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955	F	
RUGGED ST			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
VISION			
Winnipeg; DLF CANADA INC.	204-633-0088		C

ANNUAL RYEGRASS

ELUNARIA			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

BIRDSFOOT TREFOIL

BULL			
Winnipeg; DLF CANADA INC.	204-633-0088		C
LEO			
Winnipeg; DLF CANADA INC.	204-633-0088	F	C
LOTANOVA			
Winnipeg; DLF CANADA INC.	204-633-0088		C

CRESTED WHEATGRASS

KIRK			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

HYBRID BROMEGRASS

AC KNOWLES			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

MEADOW BROMEGRASS

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☽ protected or pending under UPOV 1991.

AAC MAXIMUS			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

MEADOW FESCUE

DRIFTLESS			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
PRADEL			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
PREVAL			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
TETRA X			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

ORCHARDGRASS

TUNDRA LATE			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		R

PERENNIAL RYEGRASS

MATHILDE			
Winnipeg; DLF CANADA INC.	204-633-0088		C

TALL FESCUE

COURTENAY			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
PALATINE			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C

TIMOTHY

AC ALLIANCE			
Winnipeg; DLF CANADA INC.	204-633-0088		C
ATURO			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
COMER			
Winnipeg; DLF CANADA INC.	204-633-0088		C
EXPRESS			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C
RICHMOND			
Winnipeg; DLF CANADA INC.	204-633-0088		C
SAHARA DT			
Winnipeg; DLF CANADA INC.	204-633-0088		C
SUMMERGRAZE			
Winnipeg; DLF CANADA INC.	204-633-0088		C
TREASURE			
Neepawa; DSV NORTHSTAR LTD.	1-800-430-5955		C