

Variety Description Key

A "CHECK CHARACTERISTICS" box has been placed at the bottom of each table to display the long term yield, number of site years and any other check attributes information.

Except for the long term average yield, variety description information for canary seed and buckwheat was obtained from the Co-operative Registration Trials.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested against the check. The more site years the more dependable the data.

☉ Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

Key to 2014 Yield Tables

Yields derived over two or more growing seasons are the best indicator of variety performance. For new varieties, "2014 Average Yield" over all sites is more reliable than data from a single location. 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 value to be considered significantly different from one another.

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

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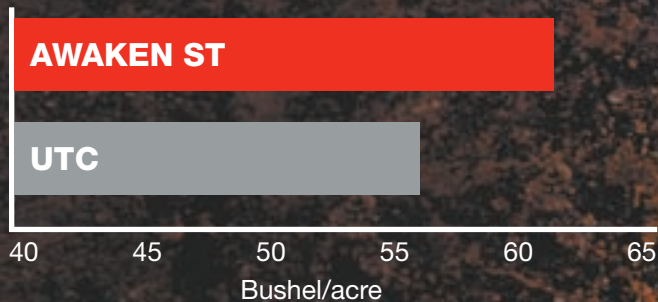
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*Dr. Joel Ransom NDSU 2009

Comments:

Buckwheat was not tested in 2014, and was last tested in 2013.

Buckwheat variety trials prior to 2014 were tested by MCVET and partially sponsored by the Manitoba Buckwheat Growers Association.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to 50% Bloom +/- Check	Height +/- Check
AC Manisoba	113	18	-3	-2
AC Springfield	115	18	-1	-5
Horizon	127	9	—	—
Koma	100	18	0	0
Koto	121	18	-2	-3
Mancan	106	18	-2	-6
Manor	111	4	—	—
CHECK CHARACTERISTICS				
Koma	1387 lb/acre	18 site years	47 days	45 inches



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CANARY SEED

Comments:

Canary Seed was last tested in 2006.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Seed ¹ Size
Conventional Types (Hairy)					
Cantate	92	6	-2	-2	L
Keet	100	38	0	0	S
Hairless Types					
CDC Bastia	81	4	5	-1	M
CDC Maria	73	14	4	-3	M
CDC Togo	70	10	6	-1	L
CHECK CHARACTERISTICS					
Keet	1588 lb/acre	38 site years	105 days	44 inches	

¹ TKW ranges from 7.1 g to 8.0 g, L= Large, M = Medium, S= Small.



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GRAIN CORN

Comments:

The 2014 grain corn hybrid trials were tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution.

All hybrids are evaluated at a plant population of 30,000 plants per acre.

Yields are corrected to 15.5% moisture content.

The Manitoba Corn Committee publishes the annual results with all yearly data, as well as long term data, in their brochure which is available from the Manitoba Corn Grower's Association (204-745-6661).

CHU ¹	Hybrid	Genetic Traits ²	Distributor	Carman			Morden			MacGregor		
				Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)
2050	LR 9573VT2PRIB	VT2PRIB	Delmar Commodities	216	27.1	52.5	126	27.2	54.6	108	23.3	52.1
2050	P7213R	RR2	DuPont Pioneer	156	23.0	54.2	65	18.1	49.6	100	20.5	55.0
2050	P7332R	RR2	DuPont Pioneer	190	25.8	51.7	112	19.6	50.9	123	23.7	49.5
2075	DKC 23-22	VT2PRIB	DEKALB	—	—	—	—	—	—	112	22.3	53.3
2075	TH 7574	GENVT2PRIB	Thunder Seed	201	25.9	53.0	120	24.2	55.3	114	23.8	52.7
2100	P7410HR	HX1/LL/RR2	DuPont Pioneer	186	24.0	51.2	98	17.6	46.5	97	23.0	48.2
2100	P7443R	RR2	DuPont Pioneer	168	24.1	54.0	96	19.9	51.3	108	21.6	52.5
2100	G Focus	GT	Fraser Seeds	167	24.1	52.1	99	21.1	49.6	—	—	—
2100	PS 2263VT2P RIB	GENVT2PRIB	PICKSEED	197	25.5	51.7	110	17.6	52.7	105	24.7	50.2
2125	DKC 26-25	RR	DEKALB	159	23.0	53.6	92	20.0	52.9	88	21.0	53.1
2125	LR 9474VT2PRIB	VT2PRIB	Delmar Commodities	211	27.1	50.6	145	29.7	51.2	130	28.1	46.8
2125	LR 9574GT	GT	Delmar Commodities	178	26.0	51.2	119	23.9	51.8	104	27.9	47.5
2150	E44A02 R	VT2PRIB	BrettYoung	211	24.4	52.7	109	23.2	53.1	120	25.4	50.3
2150	DKC 26-28	VT2PRIB	DEKALB	210	24.4	52.3	97	18.7	53.6	100	21.5	53.1
2150	MZ 1244R	RR2	Maizex Seeds Inc.	205	26.6	52.8	115	28.6	52.5	120	24.9	51.6
2150	MZ 1610R	RR2	Maizex Seeds Inc.	170	25.6	52.7	113	21.2	53.4	126	22.7	52.0
2150	N04F-3110	CB/GT	Syngenta Canada Inc.	174	25.3	53.4	113	21.0	54.4	105	23.3	51.5
2175	LR 9975RR	RR	Delmar Commodities	225	22.7	52.2	130	21.2	52.8	126	25.9	49.1
2175	39D95	RR2	DuPont Pioneer	190	23.9	54.0	123	20.7	51.6	107	22.7	41.5
2175	G Magnum	3110	Fraser Seeds	172	24.7	55.0	117	23.2	63.0	—	—	—
2175	G 13D	3110	Fraser Seeds	168	24.2	52.3	110	18.7	52.8	—	—	—
2175	TH 7677	GENVT2PRIB	Thunder Seed	221	24.9	53.1	112	29.1	50.9	137	24.8	49.3
2200	DKC 27-55	VT2PRIB	DEKALB	179	26.1	53.9	118	19.8	57.0	118	22.5	54.3
2200	LR 9376RR	RR	Delmar Commodities	193	25.9	51.5	137	28.5	50.5	—	—	—
2200	G Target	GT	Fraser Seeds	208	26.1	50.1	149	26.6	51.2	—	—	—
2200	MZ 1624DBR	GENVT2PRIB	Maizex Seeds Inc.	233	27.1	52.0	141	24.5	53.1	124	26.2	49.2
2200	MZ 1633DBR	GENVT2PRIB	Maizex Seeds Inc.	212	25.7	52.9	144	26.4	52.6	135	24.2	50.3
2200	SG0822	GT/CB/LL	Syngenta Canada Inc.	182	24.9	52.2	118	22.5	56.5	105	22.3	53.8
2200	TH7578	GENVT2PRIB	Thunder Seed	217	24.4	52.5	112	31.3	50.6	123	24.7	49.7
2225	E47A12 R	VT2PRIB	BrettYoung	211	25.9	52.4	124	30.1	61.2	133	24.4	35.9
2225	39Z69	HX1/LL/RR2	DuPont Pioneer	154	23.3	53.2	102	19.5	53.5	116	23.6	51.8
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	200	24.0	51.7	133	20.7	50.5	115	24.6	49.2
2250	E48A29 R	VT3PRIB	BrettYoung	222	26.1	51.4	105	21.4	52.0	133	24.8	49.8
2250	39D97	HX1/LL/RR2	DuPont Pioneer	190	24.2	52.8	106	24.5	51.2	100	25.3	50.3
2250	39V05	RR2	DuPont Pioneer	188	23.1	53.6	108	18.1	52.2	91	23.8	51.1
2250	3075	RR	Hyland Seeds	173	25.3	52.4	111	25.1	51.7	133	22.6	49.7
2250	3085	RR	Hyland Seeds	214	23.9	53.4	132	22.8	52.4	121	27.3	45.9
2250	MZ 1710DBR	GENVT2PRIB	Maizex Seeds Inc.	214	25.8	52.3	140	29.8	52.2	123	27.3	48.7
2250	PS 2305VT3P RIB	GENVT3PRIB	PICKSEED	190	24.6	52.0	98	21.3	53.2	101	21.8	53.0
2250	PS SilEx VT3P RIB	GENVT3PRIB	PICKSEED	196	26.8	55.2	138	26.9	54.4	—	—	—
2250	N07H	GT/CB/LL	Syngenta Canada Inc.	208	23.0	52.8	132	20.5	51.7	117	27.5	46.7
2275	P7958AM	YGCB/HX1/LL/RR2	DuPont Pioneer	238	25.9	50.6	141	23.6	51.7	132	26.1	48.0
2275	G Caliber	GT	Fraser Seeds	194	28.3	49.2	139	28.4	50.5	—	—	—
2275	BAXXOS RR	RR	Hyland Seeds	200	26.2	53.9	123	28.3	53.9	93	29.6	50.9
2275	PS 2348VT2P RIB	GENVT2PRIB	PICKSEED	208	26.0	51.4	112	26.4	52.4	—	—	—
2290	HZ 675	Agrisure GTCBLL	Horizon Seeds	—	—	—	—	—	—	118	29.7	47.9
2300	E53B22 R	VT2PRIB	BrettYoung	230	26.0	52.4	139	29.5	52.1	—	—	—
2300	E49A12R	VT2PRIB	BrettYoung	227	24.5	52.9	125	28.6	52.4	131	25.8	49.5
2300	39V07	HX1/LL/RR2	DuPont Pioneer	194	24.7	52.3	100	20.7	50.6	—	—	—
2300	G 14T	3000GT	Fraser Seeds	224	29.1	49.4	144	31.4	55.6	—	—	—
2300	3093	RR	Hyland Seeds	199	25.9	51.5	126	21.2	54.1	111	26.2	49.9
2300	4093	HXT/LL/RR	Hyland Seeds	209	26.3	51.3	140	27.5	58.7	121	25.7	49.7
2300	A4631G2 RIB	VT2PRIB	PRIDE Seeds	212	25.7	51.3	117	25.6	52.3	115	25.9	49.4
2300	N09V	GT/CB/LL	Syngenta Canada Inc.	206	25.6	52.1	137	22.2	53.8	118	22.8	50.7

CHU ¹	Hybrid	Genetic Traits ²	Distributor	Carman			Morden			MacGregor		
				Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)
2325	DKC 30-07	VT2PRIB	DEKALB	204	25.1	52.6	137	28.5	51.3	124	22.9	51.8
2350	A4881G2 RIB	VT2PRIB	PRIDE Seeds	207	27.8	51.3	134	22.9	53.1	106	27.5	47.5
2350	A4939G2 RIB	VT2PRIB	PRIDE Seeds	233	25.1	51.9	138	24.5	51.9	129	26.1	47.0
2375	HZ 730GT	Agrisure GT	Horizon Seeds	—	—	—	—	—	—	126	26.9	47.8
2375	XP5095	VT2PRIB	PRIDE Seeds	226	27.4	51.6	148	31.9	52.3	—	—	—
2400	DKC 31-10	VT2PRIB	DEKALB	215	25.7	47.6	119	27.6	50.2	126	25.3	47.4
2400	8105	SmartStax	Hyland Seeds	218	26.1	51.8	139	33.1	52.1	115	26.1	47.1
2400	A5151G2 RIB	VT2PRIB	PRIDE Seeds	214	28.2	50.5	154	25.1	51.8	—	—	—
2425	P8210R	RR2	DuPont Pioneer	173	25.6	50.5	137	22.3	50.6	131	—	47.3
2475	P8210HR	HX1/LL/RR2	DuPont Pioneer	219	27.1	51.7	131	23.5	50.9	126	25.5	48.0
2500	4164	Agrisure3122	Hyland Seeds	230	25.1	51.6	143	32.3	50.2	125	31.1	46.7
2525	8166	SmartStax	Hyland Seeds	228	26.9	51.3	158	33.0	51.4	115	30.2	46.7
2550	P8651HR	HX1/LL/RR2	DuPont Pioneer	227	29.5	51.7	157	29.4	51.3	—	—	—
2550	P8673AM	YGCB/HX1/LL/RR2	DuPont Pioneer	240	29.1	50.7	149	31.8	49.5	123	29.0	47.2
2575	P8581R	RR2	DuPont Pioneer	215	30.6	47.5	146	31.5	49.3	—	—	—
2600	P8622AM	YGCB/HX1/LL/RR2	DuPont Pioneer	206	30.2	50.4	95	27.7	48.6	136	31.7	47.4
Site Average				202	25.7	52.0	124	24.8	52.5	117	25.2	49.4
CV%				9.1	5.9	2.4	10.9	9.3	6.8	9.6	8.5	8.6
Sign Diff				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LSD (0.05)				30	2.5	2.0	21.8	3.7	5.7	18	3.5	6.9
Planting Date				23-May			17-May			28-May		
Harvest Date				21-Oct			13-Oct			27-Oct		

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 which will mature in your area. Moisture content at harvest, density, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.

² The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, available at <http://cdnseed.org/list-of-corn-hybrids/>. Information provided includes technology brand name and refuge requirements. BT, HX1, CB, YGCB, VT2PRIB, - resistance to European corn borer; RR, RR2, GT - glyphosate herbicide tolerant; LL - Liberty herbicide tolerant.

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INDUSTRIAL HEMP

Comments:

A licence from Health Canada is required to grow Industrial Hemp.

THC testing for some varieties is required.

As per the Industrial Hemp Regulations, industrial hemp varieties must be approved for commercial cultivation under licence for the current crop year. Please refer to Health Canada's "List of Approved Cultivars for the 2015 Growing Season" report prior to seeding.

Please note that the Industrial Hemp Regulations requires that all seed planted for the production of industrial hemp in Canada must be of pedigreed status (Certified or better).

For more information, please refer to Health Canada's website at www.healthcanada.gc.ca/hemp.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	2014 Average Yield	2014 Yield: % of CRS-1			
				Arborg	Carberry	Melita	Roblin
Alyssa	82	13	—	—	—	—	—
Anka	81	10	—	—	—	—	—
Canda	111	17	95	89	96	95	100
CanMa	88	3	—	—	—	—	—
CFX-1	93	17	88	85	94	80	93
CFX-2	94	16	95	96	85	82	112
CRS-1	100	20	100	100	100	100	100
Delores	97	18	95	84	88	91	110
Finola	58	15	54	53	38	66	58
Joey	120	12	132	129	126	112	153
Jutta	94	8	—	—	—	—	—
Silesia	75	10	91	86	99	94	86
X59	103	11	105	102	104	99	113
Varieties that are being evaluated for approval							
Debbie	94	10	95	99	86	96	97
CHECK CHARACTERISTICS			CRS-1 (lb/acre)	1117	1128	1229	1491
CRS-1	1359	20	CV%	10.0	12.1	10.8	11.0
	lb/acre	site years	LSD%	14	18	19	16
			Sign Diff	Yes	Yes	Yes	Yes
			Seeding Date	26-May	16-May	22-May	28-May
			Harvest Date	25-Sep	12-Sep	25-Sep	16-Sep

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*Some restrictions apply.

Distributor Contacts for Varieties in Seed Manitoba 2015

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.

BUCKWHEAT

AC Manisoba	SeCan
AC Springfield	Springfield Mills Inc.
Horizon	Mancan Genetics Ltd.
Koma	Springfield Mills Inc./Fisher Seeds/
Durand Seeds	
Koto	Fisher Seeds
Mancan	Public
Manor	Public

CANARY SEED

Cantate	Hansen Seeds
CDC Bastia	Crop Development Center
CDC Maria	Public
CDC Togo	CANTERRA SEEDS
Keet	Public

GRAIN CORN

— see Grain Corn table for specific hybrids, then check Distributor table below for phone number —

INDUSTRIAL HEMP

Alyssa	Parkland Industrial Hemp Growers Coop Ltd.
Anka	Ontario Hemp Alliance
Canda	Parkland Industrial Hemp Growers Coop Ltd.
CanMa	PhytoGene Resources Inc.
CFX-1	Hemp Genetics International Inc.
CFX-2	Hemp Genetics International Inc.
CRS-1	Hemp Genetics International Inc.
Delores	Parkland Industrial Hemp Growers Coop Ltd.
Finola	Hemp Oil Canada Inc.
Joey	Parkland Industrial Hemp Growers Coop Ltd.
Jutta	Ontario Hemp Alliance
Silesia	Alberta Innovates Technology Futures
X59	Terramax

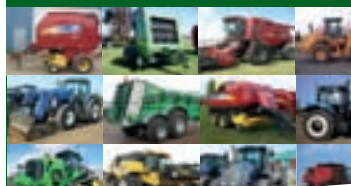
DISTRIBUTOR

PHONE NUMBER

Alberta Innovates Technology Futures	1-780-632-8436
CANTERRA SEEDS	1-877-439-7333
Crop Development Center	1-306-966-5855
Delmar Commodities (Legend Seeds)	1-204-331-3696
DLF Pickseed Canada Inc. (PICKSEED)	1-204-633-0088
DuPont Pioneer (Pioneer)	1-800-265-9435
Durand Seeds	1-204-248-2268
Elite (BrettYoung)	1-800-665-5015
Fisher Seeds Ltd.	1-204-622-8800
Fraser Seeds (Greenfield Genetics)	1-604-929-7371
Hansen Seeds	1-306-465-2525
Hemp Genetics International Inc.	1-604-607-4953
Hemp Oil Canada Inc.	1-800-289-4367
Horizon Seeds Canada	1-855-983-7255
Hyland Seeds	1-800-265-7403
Maizex Seeds Inc.	1-877-682-1720
Mancan Genetics Ltd.	1-204-822-4396
Monsanto Canada Inc. (DEKALB)	1-800-667-4944
Ontario Hemp Alliance	1-613-281-2734
Parkland Industrial Hemp Growers Coop Ltd.	1-204-629-4367
PhytoGene Resources Inc.	1-613-240-4120
PRIDE Seeds	1-800-265-5280
Quarry Seed (Thunder Seed Inc.)	1-888-274-9243
SeCan	1-800-665-7333
Springfield Mills Inc.	1-204-362-1524
Syngenta Canada Inc.	1-888-756-7333
Terramax	1-306-699-7368

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Growers List



BUCKWHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

AC MANISOBA

Notre Dame De Lourdes; Durand, Gabriel A. & Marc 204-248-2268 S F C

MANCAN

Notre Dame De Lourdes; Durand, Gabriel A. & Marc 204-248-2268 R C

CANARYSEED

CDC CALVI

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 S F
Winnipeg; Canterra Seeds Ltd. 204-988-9750 F

INDUSTRIAL HEMP

CANDA

Dauphin; Parkland Industrial Hemp Growers 204-629-4367 F C

INDUSTRIAL HEMP

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

CFX-2

Fisher Branch; Gregory, Lee R. & Adam 204-372-6720 C

CRS-1

Dauphin; Fisher, Roderick Allan & Douglas James 204-622-8800 C

DELORES

Dauphin; Parkland Industrial Hemp Growers 204-629-4367 F R

FINOLA ☼

Ste. Agathe; Hemp Oil Canada Inc 204-882-2480 C

HEMPNUT

Dauphin; Fisher, Roderick Allan & Douglas James 204-622-8800 C

JOEY

Dauphin; Parkland Industrial Hemp Growers 204-629-4367 R

USO 14

Carberry; Robinson, Chris T. 204 834-2620 C

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