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 legislation that complies with UPOV 1978.

(1) 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.

The Canadian Seed Trade Association (CSTA) has launched the new Crop Varieties Registered in Canada and Plant Breeders' Rights Status database to assist seed sector stakeholders to easily identify PBR protection on crop varieties registered for sale in Canada: http:// cdnseed.org/library/crop-kinds-database/. Additional information is also available at www.PBRfacts.ca.

Key to 2015 Yield Tables

Yields derived over two or more growing seasons are the best indicator of variety performance. For new varieties, "2015 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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Manitoba Agriculture, Food and Rural Development Variety Guide

BUCKWHEAT

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Comments:

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

Variety Descriptions

	Yield %	Site Years	Days to 50% Bloom	Height	2015 Average	2015 Yi	2015 Yield: % of Koma	
Variety	Check	Tested	+/- Check	+/- Check	Yield	Dauphin	Melita	Roblin
AC Manisoba	115	21	-3	-2	123	135	107	124
AC Springfield	115	21	-1	-5	119	122	108	127
Horizon	126	12	—	_	122	124	107	138
Koma	100	21	0	0	100	100	100	100
Koto®	120	21	-2	-3	119	135	83	139
Mancan	108	21	-2	-6	117	122	98	133
Manor	111	4	—		—	_	_	—
CHECK CHARACTERI	STICS					2442	1676	1848
Koma	1608	21	47	45	CV%	8.1	10.6	7.5
	lb/acre	site years	days	inches	LSD%	15	—	14
					Sign Diff	Yes	No	Yes
					Seeding Date	04-Jun	11-Jun	29-May
					Harvest Date	09-Oct	08-Oct	15-Oct



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CANARYSEED

Comments:

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Canaryseed 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	Μ
CDC Maria	73	14	4	-3	М
CDC Togo	70	10	6	-1	L
CHECK CHARACTERISTICS					
Keet	1588	38	105	44	
	lb/acre	site years	days	inches	

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

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- See something you can't identify? Post a photo and Crop Chatter's team of experts can help.
 The answer will be shared with others.
- > Add your thoughts and share your solutions with fellow farmers.



GRAIN CORN

Comments:

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The 2015 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).

					Carman			Morden			St. Pierre	
				Yield	Moisture	Bushel Wt	Yield		Bushel Wt	Yield		Bushel Wt
CHU ¹	Hybrid	Traits / Genetic Tra	iits ² Distributor	(bu/ac)	(%)	(lbs/bu)	(bu/ac)	(%)	(lbs/bu)	(bu/ac)	(%)	(lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RF	2 DuPont Pioneer	—	—	—	—	—	—	126	19.8	54.6
2050	TH Exp 73	VT2P	Quarry Seed	195	24.6	56.0	135	20.2	58.8	152	20.4	56.8
2050	P7202AM	YGCB/HX1/LL/RF		216	25.9	55.6	116	15.0	57.3	171	23.9	53.6
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	149	23.8	53.5	119	16.5	55.5	124	20.6	54.2
2050	P7332R	RR2	DuPont Pioneer	219	24.1	54.0	141	19.9	55.0	185	21.0	53.6
2075	DKC 23-17		Monsanto Canada Inc.	238	25.9	54.2	127	24.6	56.4	163	20.9	56.4
2075	TH4574	RR	Quarry Seed	207	27.5	54.0	124	22.5	58.4	171	21.8	56.6
2100	LR9573VT2		Delmar Commodities	235	27.6	53.9	142	22.7	57.7	180	21.6	55.2
2100	TH7574	VT2P	Quarry Seed	198	26.5	55.2	132	24.7	57.8	174	22.3	55.4
2100	P7410HR	HX1/LL/RR2	DuPont Pioneer	173	24.5	52.9	129	18.3	54.4	122	20.1	51.8
2100	Focus	GT	Fraser Seeds	206	25.9	52.4	120	26.0	53.2	_	_	_
2100		P RIB GENVT2P RIB	DLF Pickseed Canada Inc.	221	27.7	52.6	136	22.8	56.0	172	21.4	53.9
2125		2PRIB VT2PRIB	Delmar Commodities	241	27.3	52.8	146	30.2	55.0	180	21.7	53.4
2150	DKC 26-28		Monsanto Canada Inc.	205	26.1	53.0	139	21.5	56.7	181	21.0	55.1
2150	A4025G3 R		PRIDE Seeds	200	26.2	52.8	139	24.7	55.6	164	21.4	53.9
2150	E44A02 R	GENVT2P RIB	Elite Seeds	210	26.8	54.8	130	19.6	56.6	149	21.6	53.8
2150	E46J77 R	GT	Elite Seeds	228	26.5	54.2	135	21.5	57.5	161	21.4	55.9
2175	A4199G2 R		PRIDE Seeds	230	25.1	55.0	126	21.1	56.6	174	20.7	54.5
2175	LR 9975RR		Delmar Commodities	191	27.7	52.7	151	26.9	54.8	_		_
2175		P RIB GENVT2P RIB	DLF Pickseed Canada Inc.	230	27.1	53.6	151	30.3	55.2	217	22.0	54.0
2200	DKC 27-55		Monsanto Canada Inc.	208	26.9	54.5	134	24.5	57.9	170	23.1	54.9
2200	A4415G2 R		PRIDE Seeds	218	25.6	54.2	126	25.1	57.2	191	22.2	55.0
2200	LR 9676VT		Delmar Commodities	239	27.9	53.2	127	24.3	56.8			
2200	LR 9376RR		Delmar Commodities	224	29.4	52.0	143	33.5	53.7	_	_	_
2200	TH4578	RR	Quarry Seed	215	24.8	54.8	140	27.9	54.4	204	22.4	51.9
2200	TH7677	VT2P	Quarry Seed	236	27.8	52.1	144	28.5	55.6	172	22.2	53.3
2200	Magnum	3110	Fraser Seeds	194	25.6	56.3	132	22.6	57.6	155	21.2	55.8
2225	TH7578	VT2P	Quarry Seed	239	24.9	54.2	155	29.3	54.8	189	22.2	52.7
2225	P7632AM	YGCB/HX1/LL/RF		224	26.3	53.2	140	22.8	55.1	160	21.9	52.7
2225	E47A12 R	GENVT2P RIB	Elite Seeds	206	20.3	52.8	140	29.3	55.6	179	22.1	53.9
2225	13B	3110	Fraser Seeds	214	27.4	52.6	144	29.7	54.7			
2250	39V05	RR2	DuPont Pioneer	199	24.9	54.0	137	23.2	54.3	166	21.5	53.7
2250	39D97	HX1/LL/RR2	DuPont Pioneer	217	26.2	53.4	149	26.3	55.9		21.5	
2250	PS2348VT2F		DLF Pickseed Canada Inc.	235	27.6	53.1	139	20.3	55.9	196	22.2	54.5
2250	4078	HXT/LL/RR	Dow Seeds	233	27.6	54.2	135	29.0	54.7	170	22.2	53.2
2250	2774 GTCB		NuSeed	247	24.3	52.6	137	29.0	55.6	139	22.4	53.3
2275	P7958AM	YGCB/HX1/LL/RF		182	24.5	53.7	152	23.6	55.4	180	21.4	52.4
2275	3085	RR	Dow Seeds	202	26.2	54.0	143	23.0	54.4	146	23.4	53.2
2275	4085	HXT/LL/RR	Dow Seeds	202	26.2	54.0	145	29.0	54.4	140	23.4	53.8
2275	4085 39V09AM	YGCB/HX1/LL/RF		230	26.4	52.5	140	23.1	53.8	179	23.0	52.2
2275	PS2348VT2F		DLF Pickseed Canada Inc.	235	26	55.2	136	28.1	55.6	196	22.3	53.4
2275	BAXXOS RF		Dow Seeds	227	25.9	55.6	131	31.5	56.0	158	22.8	54.8
2290	HZ 675	Agrisure GT/CB/L		233	27.6	54.0	150	30.3	54.2	153	23.5	52.7
2300	A4631G2 R		PRIDE Seeds	218	26.2	53.8	138	26.0	55.7	175	21.8	54.3
2300	MZ 1633DE		Maizex Seeds Inc.	266	26.0	54.6	146	26.4	55.4	201	20.6	54.2
2300	MZ 1624DE		Maizex Seeds Inc.	260	27.8	53.6	154	29.1	54.5	191	22.5	52.7
2300	MZ 1610R	RR	Maizex Seeds Inc.		_					179	21.1	54.2
2300	3093	HXT/LL/RR	Dow Seeds	201	28.0	53.2	132	29.5	54.2	168	22.5	53.7
2300	4093	RR	Dow Seeds	225	29.6	52.2	137	28.6	55.1	163	22.5	53.4
2325	DKC 30-07		Monsanto Canada Inc.	226	27	53.2	145	27.5	54.8	178	21.8	53.2
2325	E49A12 R	GENVT2P RIB	Elite Seeds	270	26.0	53.1	156	31.7	55.5	173	21.7	53.6

(continued) GRAIN CORN

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					Carman			Morden			St. Pierre	
				Yield	Moisture	Bushel Wt	Yield	Moisture	Bushel Wt	Yield	Moisture	Bushel Wt
CHU ¹	Hybrid	Traits / Genetic Traits ²	2 Distributor	(bu/ac)	(%)	(lbs/bu)	(bu/ac)	(%)	(lbs/bu)	(bu/ac)	(%)	(lbs/bu)
2350	DS80A2T	SSX	Dow Seeds	241	29.0	52.6	144	32.5	51.5	173	23.6	51.2
2350	A4939G2 RI	B VT2P	PRIDE Seeds	218	27.6	51.4	156	28.3	54.9	194	22.1	52.8
2375	HZ 730GT	Agrisure GT	Horizon Seeds	200	29.0	51.9	133	28.7	52.2	141	22.1	51.0
2375	A5095G2 RI	B VT2P	PRIDE Seeds	266	27.8	53.5	160	31.3	54.9	169	22.6	53.7
2400	E50P52 R	GENVT2P RIB	Elite Seeds	239	27	54.0	154	27.9	54.8			_
2450	HX 13103Y	Agrisure Viptera 3220 E-Z Refug	e Horizon Seeds	250	30.8	52.5	152	41.4	52.5	165	23.9	51.4
2450	E52V92 R	GENVT2P RIB	Elite Seeds	267	27.0	53.3	160	34.0	54.1	—	—	_
2475	P8210HR	HX1/LL/RR2	DuPont Pioneer	269	28.1	52.9	155	27.5	54.3	174	24.4	51.3
2500	DKC 33-78R	IB GENV2P Mo	onsanto Canada Inc.	253	27.8	53.9	171	28.7	55.9	—	—	_
2500	P8387AM	YGCB/HX1/LL/RR2	DuPont Pioneer	234	26.9	53.5	152	25.2	53.0	_	_	_
2500	E53B22 R	GENVT2P RIB	Elite Seeds	267	28.2	53.3	151	27.9	54.7	—	—	_
2500	4164	GT/CB/LL/RW/XT	Dow Seeds	261	30.4	52.2	153	38.9	52.1	186	24.2	52.3
2550	HZ 760GT	Agrisure GT	Horizon Seeds	203	29.5	51.7	144	31.8	52.9	—	—	_
2550	P8651HR	HX1/LL/RR2	DuPont Pioneer	257	28.7	53.4	156	32.4	54.3		—	_
2550	P8673XR	HXX1/LL/RR2	DuPont Pioneer	253	28.5	51.7	156	34.3	52.3	—	—	_
2600	P8542AM	YGCB/HX1/LL/RR2	DuPont Pioneer	250	28.5	53.0	148	33.5	53.4	_	_	_
2600	P8622AM	YGCB/HX1/LL/RR2	DuPont Pioneer	249	31.1	51.6	155	29.0	53.3	—	—	—
			Site Average	224	27.0	53.6	142	26.9	55.2	170	22.0	53.7
			CV%	8.2	5.1	2.3	6.5	8.0	1.3	9.2	4.2	1.7
			Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
			LSD (0.05)	30	2.2	1.9	15	34.6	1.2	25	1.5	1.5
			Planting Date	N	lay 30, 201	5	May 9, 2015			May 21, 2015		
			Harvest Date	Oct	ober 14, 2	015	Sep	tember 22	2015	Oct	ober 16, 2	015

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.



INDUSTRIAL HEMP

Comments:

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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 2016 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

	Yield	Site	20	015 Yield: % of CRS-1	
Variety	% Check	Years Tested		Roblin	
	82	13			
Alyssa				_	_
Anka	81	10		-	
Canda	110	18		86	
CanMa	88	3		—	
CFX-1	93	18		106	
CFX-2	94	17		92	
CRS-1	100	21		100	
Delores	98	19		103	
Finola®	60	16		83	
Grandi	97	1		97	
GranMa	78	1		78	
Joey	117	13		92	
Jutta	94	8		_	
Katani®	98	1		98	
Picolo®	95	1		95	
Silesia	75	11		75	
X59@	101	12		81	
Varieties that are being evaluated for a	pproval				
Debbie	94	11		95	
Judy	64	1		64	
CHECK CHARACTERISTICS			CRS-1 (lb/acre)	1763	
CRS-1	1548	21	CV%	9.2	
	lb/acre	site years	LSD%	12	
			Sign Diff	Yes	
			Seeding Date	21-May	
			Harvest Date	14-Sep	



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Distributor Contacts for Varieties in Seed Manitoba 2016

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
CANARYSEED	
Cantate	Hansen Seeds
CDC Bastia	Public - Crop Development Center

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

GRAIN CORN

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- 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.
Grandi®	Hemp Genetics International Inc.
GranMa	PhytoGene Resources Inc.
Joey	Parkland Industrial Hemp Growers Coop Ltd.
Jutta	Ontario Hemp Alliance
Katani®	Hemp Genetics International Inc.
Picolo®	Hemp Genetics International Inc.
Silesia	Alberta Innovates Technology Futures
X59@	Terramax

DISTRIBUTOR	PHONE NUMBER
Alberta Innovates Technology Futures	
CANTERRA SEEDS	
Crop Development Center	
Delmar Commodities (Legend Seeds)	
DLF Pickseed Canada Inc. (PICKSEED)	1-204-633-0088
Dow AgroSciences (Dow Seeds)	
DuPont Pioneer (Pioneer)	
Durand Seeds	
Elite (BrettYoung)	
Fisher Seeds Ltd.	1-204-622-8800
Fraser Seeds Ltd. (Greenfield Genetics)	
Hansen Seeds	
Hemp Genetics International Inc	1-204-821-0522
Hemp Oil Canada Inc	
Horizon Seeds Canada Inc	1-855-983-7255
Maizex Seeds Inc	
Mancan Genetics Ltd	
Monsanto Canada Inc. (DEKALB)	
Nuseed	1-877-841-7447
Ontario Hemp Alliance	
Parkland Industrial Hemp Growers Coop Ltd	1-204-629-4367
PhytoGene Resources Inc	1-613-240-4120
PRIDE Seeds	
Quarry Seed (Thunder Seed Inc.)	1-888-274-9243
SeCan	
Springfield Mills Inc.	1-204-362-1524
Terramax	1-306-699-7368

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Growers List



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INDUSTRIAL HEMP

S=Select; F=Foundation; R=Registered; C=Certified; (b) Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and (b) protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

CANDA Dauphin; Parkland Industrial Hemp Growers	R	С	
CANMA Ste. Agathe; Hemp Oil Canada Inc204-882-2480		С	
CRS-1 Dauphin; Fisher, Roderick Allan & Douglas James 204-622-8800		с	
DELORES Dauphin; Parkland Industrial Hemp Growers		С	
FINOLA Ste. Agathe; Hemp Oil Canada Inc204-882-2480		С	
GRANDIໃນ Dauphin; Fisher, Roderick Allan & Douglas James204-622-8800		С	
GRANMA		c	
Ste. Agathe; Hemp Oil Canada Inc204-882-2480		-	
Dauphin; Fisher, Roderick Allan & Douglas James204-622-8800 JOEY		С	
Dauphin; Parkland Industrial Hemp Growers	F	С	
Carberry; Robinson, Chris T		С	

BUCKWHEAT

S=Select; F=Foundation; R=Registered; C=Certified; O Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and O protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

HORIZON Morden; Mancan Genetics Ltd.	-	R
KOMA Notre Dame; Durand, Gabriel A. & Marc	204-248-2268	R
MANCAN Notre Dame; Durand, Gabriel A. & Marc	-	R C

CANARYSEED

CDC CALVI®

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622	SF	-
Reston; Greig, Fred L. & Fotheringham, John A. (Jack) 204-877-3813	S	R
St. Joseph; Parent, Renald & Paul 204-737-2625		R
Wawanesa; Ellis, Warren P. & Simon204-824-2290		R

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- > See something you can't identify? Post a photo and Crop Chatter's team of experts can help.
 The answer will be shared with others.
- > Add your thoughts and share your solutions with fellow farmers.

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