

GRAIN CORN - LONG SEASON

Comments:

Carman bushel weight is missing due to a software issue at harvest time.

The grain corn hybrid trial was tested and the data donated by the Manitoba Corn Committee (MCC). The data presented 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 15.5% moisture content.

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	Hybrid	Trait(s) ²	Carman				Rosebank			
			Yield (bu/acre)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)	Yield (bu/acre)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)
2000	P71231PCE	6	166	17.6	-	62	187	21.3	58.0	71
2025	TH6072 VT2P	6	165	20.4	-	62	202	23.3	56.7	73
2050	MZ 1231DBR	6	161	22.6	-	64	195	22.2	58.0	70
2050	CX25071A/VT2P	6	167	20.4	-	64	221	21.9	58.7	73
2050	P72068AM	19	160	19.9	-	64	202	20.5	58.8	72
2075	DKC21-36RIB	6	195	22.6	-	66	227	22.9	56.5	72
2075	DKC072-12RIB	6	151	21.3	-	68	210	21.1	59.4	70
2075	P7389AM	6	177	19.4	-	69	230	21.4	57.4	72
2075	TH6474 VT2P	19	186	22.3	-	69	195	22.3	58.1	71
2100	PV 60474RIB	6	184	22.0	-	62	223	22.8	57.4	71
2125	P74691PCE	6	144	19.4	-	62	215	22.1	57.4	70
2125	DKC074-82RIB	6	209	21.0	-	62	269	24.0	55.2	73
2150	P75303PCE	6	184	20.7	-	64	251	23.5	56.9	73
2150	EXP075-25	6	201	23.4	-	63	225	22.8	56.9	71
2150	MZ 1397DBR	6	156	21.2	-	63	199	21.8	58.4	73
2150	CP1440VT2P	6	187	24.1	-	64	230	25.1	56.4	76
2150	CX25175VC	6	189	22.8	-	64	235	23.9	56.1	74
2175	PV 61276RIB	6	182	22.8	-	65	207	23.7	57.3	73
2190	IFS1022 X IFS1023	6	189	23.0	-	70	213	24.6	57.0	71
2200	NS 275	6	190	24.2	-	62	231	23.5	56.9	75
2200	A4494G2 RIB	6	164	20.3	-	64	180	23.9	56.8	69
2225	HZ 1435	30	171	22.3	-	69	219	23.9	53.8	74
2225	TH6578 VT2P	6	172	22.0	-	67	217	23.9	56.5	70
2225	TH6278 VT2P	6	199	22.3	-	69	247	24.8	55.0	72
2250	MZ 1544DBR	6	210	22.4	-	68	250	23.4	55.1	75
2250	DKC28-25RIB	6	200	21.2	-	67	245	24.1	55.2	73
2250	P7822AM	6	183	19.7	-	71	266	22.1	57.3	73
2250	P78150PCE	6	207	23.9	-	66	266	23.9	55.3	71
2250	NS 277	19	198	22.4	-	72	236	23.1	56.0	72
2280	XFS1052 X XFS1053	6	189	24.2	-	64	166	25.9	55.5	76
2300	255	6	207	24.6	-	62	236	26.5	55.2	74
2300	A4646G2 RIB	6	186	23.1	-	63	242	25.7	55.0	76
2300	E49K32 R	6	177	24.9	-	66	250	24.4	55.7	74
2300	P80463PCE	6	198	23.9	-	67	251	25.0	56.0	72
2325	A4848G2 RIB	6	196	24.3	-	65	238	25.3	55.4	74

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2325	TH6380 VT2P	6	193	25.2	-	69	203	26.9	54.2	73
2370	XFS1054 X XFS1055	6	175	22.8	-	70	232	24.1	56.8	74
2375	CP2130VT2P	6	213	24.3	-	66	242	25.1	55.6	76
2400	P82288PCE	6	183	22.5	-	65	269	25.6	55.3	76
2400	TH6182 VT2P	6	201	21.5	-	69	282	25.4	55.0	73
2400	A5175G2 RIB	6	205	26.6	-	68	247	26.3	55.6	73
2425	DLF 2495RR	4	174	28.8	-	62	229	30.3	55.3	72
2450	CX24183VC	28	204	29.9	-	68	236	31.8	52.3	75
2450	DKC32-49RIB	6	207	25.9	-	64	226	23.7	55.6	75
2450	DKC081-18RIB	6	200	20.8	-	64	296	26.5	54.7	75
2450	NS 283	6	197	29.6	-	64	225	28.5	53.8	75
2450	CP2288VT2P	6	179	25.8	-	68	260	24.3	56.3	76
2450	HZ 2225	6	139	23.7	-	68	268	30.8	52.6	78
2475	TH8483 DV	34	171	24.3	-	65	231	26.3	53.9	75
2500	PV 62485RIB	6	186	24.7	-	62	257	29.9	53.8	77
2500	MZ 2344DBR	6	181	24.4	-	65	258	25.5	54.6	75
2500	CP2324VT2P	6	220	22.8	-	68	287	26.7	53.6	73
2500	CX25083A/VT2P	6	204	24.2	-	70	260	26.1	54.5	75
2550	P85199PCE	8	196	26.9	-	62	301	28.9	53.7	77
2550	A5292G8 RIB	6	183	29.6	-	65	250	30.1	54.7	76
2550	TH6185 VT2P	6	206	27.8	-	64	279	29.2	54.3	76
2575	DKC35-29RIB	6	206	25.4	-	67	277	28.8	54.9	77
2600	DKC36-48RIB	6	154	25.9	-	65	316	27.6	54.1	76
2625	A5424G2 RIB	6	187	28.7	-	67	268	26.9	54.5	76
2625	CP2585VT2P	6	180	30.9	-	68	282	29.2	54.7	77
Mean			186	23.6	-	66	240	25.1	55.7	74
CV (%)			10.4	7.5	-	1.3	5.5	4.7	1.2	1.9
LSD (0.05)			31	2.9	-	1	21	1.9	1.0	2
Sign Diff			Yes	Yes	-	Yes	Yes	Yes	Yes	Yes
Planting Date			22-May				8-May			
Harvest Date			10-Oct				8-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 suitable to your growing region.

² See 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.

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