



# GRAIN CORN – LONG SEASON SITES

Winkler 2023

The grain 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! A target plant population of 32,000 plants per acre. Yields are corrected to 15.5% moisture.

CHU <sup>1</sup> Rating	Hybrid	Distributor	Technology/Genetic Trait (s) <sup>2</sup>	Winkler 2023			
				50% Silk	Yield (bu/ac)	Moisture (%)	Bushel Wgt (lbs/bu)
1925	TH6370 VT2P	Thunder Seed	VT2P	55	160.5	18.8	56.1
1950	P6910AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	55	144.1	19.5	55.7
2025	CX23072A/VT2P	WinField United (CROPLAN)	VT2P/RIB	56	145.5	19.9	54.8
2025	A3979G2 RIB	PRIDE Seeds	VT2P	56	133.5	21.8	54.8
2025	TH6072 VT2P	Thunder Seed	VT2P	56	158.8	19.5	54.8
2050	P72068AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	55	150.9	17.6	56.1
2050	P7211AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	55	175.9	21.7	54.1
2075	TH6474 VT2P	Thunder Seed	VT2P	57	152.4	21.0	55.3
2075	DKC21-36RIB	Bayer Crop Science (DEKALB)	VT2P	58	144.7	18.8	56.2
2075	EXP072-23	Bayer Crop Science (DEKALB)	VT2P	54	156.0	21.8	56.9
2075	P7389AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	57	162.5	23.2	54.3
2100	CPI440VT2P/RIB	WinField United (CROPLAN)	VT2P/RIB	58	150.0	21.2	54.5
2100	DKC24-06RIB	Bayer Crop Science (DEKALB)	VT2P	60	159.0	17.6	56.8
2100	P7455R	Corteva Agriscience (Pioneer)	RR2	56	161.8	18.9	55.5
2125	DKC25-15RIB	Bayer Crop Science (DEKALB)	VT2P	57	144.5	21.0	56.0
2150	P7527AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	59	171.4	19.9	55.1
2175	PV 61276RIB	Nutrien Ag Solutions (Proven Seed)	VT2PRO	56	177.8	23.8	52.4
2175	TH6977 VT2P	Thunder Seed	VT2P	56	185.5	24.4	53.1
2200	A4494G2 RIB	PRIDE Seeds	VT2P	56	157.3	21.4	54.5
2225	TH6278 VT2P	Thunder Seed	VT2P	57	160.9	17.7	55.7
2250	NS 277	NorthStar Genetics	VT2PRO	59	153.3	21.2	53.9
2250	PV 61479RIB	Nutrien Ag Solutions (Proven Seed)	VT2PRO	57	157.1	18.3	56.2
2250	DKC28-25RIB	Bayer Crop Science (DEKALB)	VT2P	58	155.9	19.1	55.8
2250	MZ 1544DBR	Maizex Seeds Inc.	VT2P	60	178.2	18.9	54.3
2250	BY Brava RR2	BrettYoung	RR2	62	175.7	24.7	54.6
2250	BY Guernsey VT2P RIB	BrettYoung	VT2P RIB	60	177.0	27.7	55.6
2250	P7822AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	60	180.4	20.0	54.3
2250	P7844AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	59	185.3	27.4	53.6
2300	255	NorthStar Genetics	VT2PRO	60	164.1	21.9	53.8
2300	PV 61180RIB	Nutrien Ag Solutions (Proven Seed)	VT2PRO	60	168.6	21.9	53.7
2300	X22080A/VT2P	WinField United (CROPLAN)	VT2P/RIB	61	172.0	22.3	54.2
2300	A4646G2 RIB	PRIDE Seeds	VT2P	58	151.5	20.9	55.1
2300	MZ 1688DBR	Maizex Seeds Inc.	VT2P	59	173.1	21.4	54.1
2300	E49K32 R	Maizex Seeds Inc.	VT2P	61	139.1	20.1	53.2
2325	A4848G2 RIB	PRIDE Seeds	VT2P	59	183.3	21.6	53.8
2325	TH6380 VT2P	Thunder Seed	VT2P	60	182.2	26.2	53.2
2325	DKC30-63RIB	Bayer Crop Science (DEKALB)	VT2P	59	150.7	20.8	54.9
2350	NK7837-V	Syngenta Canada Inc.	Agrisure Viptera	59	173.1	23.4	52.7
2375	HZ 1912	Horizon Seeds	Agrisure Above	59	170.9	22.1	53.7
2400	NK8005-V	Syngenta Canada Inc.	Agrisure Viptera	60	151.5	24.2	52.1
2400	A4939G2 RIB	PRIDE Seeds	VT2P	61	154.1	22.1	54.0
2400	TH6182 VT2P	Thunder Seed	VT2P	60	162.4	19.9	55.0
2400	P82288AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	60	145.3	22.2	53.7
2425	DKC31-85RIB	Bayer Crop Science (DEKALB)	VT2P	59	179.8	23.5	53.3
2450	NS 283	NorthStar Genetics	VT2PRO	62	210.3	26.9	51.9
2450	CP2288V/VT2P/RIB	WinField United (CROPLAN)	VT2P/RIB	60	145.1	21.1	53.6
2450	THEX22-83 VT2P	Thunder Seed	VT2P	61	169.3	21.5	54.7
2450	DKC32-49RIB	Bayer Crop Science (DEKALB)	VT2P	59	163.8	20.8	53.7
2450	MZ 2266DBR	Maizex Seeds Inc.	VT2P	60	171.6	21.0	54.2
2450	BY Belmont RR2	BrettYoung	RR2	61	184.7	22.4	54.4
2450	BYM2234003BV	BrettYoung	VT2P RIB	58	166.9	20.6	54.1
2450	HZ 2220	Horizon Seeds	Agrisure 3010	63	148.9	20.2	55.1
2450	P8407AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	62	161.9	22.2	52.7
2475	TH8483 DV	Thunder Seed	Duracade/Viptera	60	179.6	25.3	51.9
2500	PV 62384RIB	Nutrien Ag Solutions (Proven Seed)	VT2PRO	62	159.2	20.7	55.0
2500	DKC33-37RIB	Bayer Crop Science (DEKALB)	VT2P	61	157.8	20.2	56.0
2500	MZ 2344DBR	Maizex Seeds Inc.	VT2P	61	181.8	22.8	53.5
2525	EXP8223-AA	Syngenta Canada Inc.	Agrisure Above	62	154.0	23.1	53.4
2525	X22084A/VT2P	WinField United (CROPLAN)	VT2P/RIB	60	169.8	22.0	51.9
2550	PV 62485RIB	Nutrien Ag Solutions (Proven Seed)	VT2PRO	61	181.3	22.3	53.4
2550	NK8204-V	Syngenta Canada Inc.	Agrisure Viptera	63	180.3	24.0	53.3
2550	A5292G8 RIB	PRIDE Seeds	SSTAX	62	173.6	19.9	55.5
2550	TH6185 VT2P	Thunder Seed	VT2P	61	145.6	23.3	53.0
2550	THEX23-85 VT2P	Thunder Seed	VT2P	61	179.7	23.8	53.4
2550	EXP084-23	Bayer Crop Science (DEKALB)	VT2P	61	164.0	25.1	52.0
2550	P8588AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	62	173.4	21.9	54.0
2550	P8537AM	Corteva Agriscience (Pioneer)	YGCB/HX1/LL/RR2	62	177.2	26.5	53.0
2575	DKC35-29RIB	Bayer Crop Science (DEKALB)	VT2P	62	172.7	22.4	54.4
2625	EXP8523-AA	Syngenta Canada Inc.	Agrisure Above	64	177.4	23.6	52.4
2625	CP2585V/VT2P/RIB	WinField United (CROPLAN)	VT2P/RIB	62	176.8	24.9	51.1
2650	NK8519-DV	Syngenta Canada Inc.	A.Duracade & A.Viptera	64	161.5	28.8	52.0
2650	NK8618-D	Syngenta Canada Inc.	Agrisure Duracade	65	163.6	22.4	52.7
			Site Average	59	165.1	22.0	54.1
			CV	1.69	12.67	14.93	3.36
			Sign. Diff.	Yes	Yes	Yes	Yes
			LSD	1	28.3	4.4	2.5
			Planting Date			May 23, 2023	
			Harvest Date			September 30, 2023	

<sup>1</sup> 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.

<sup>2</sup> 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.