

MacGregor - Grain Corn Results 2016

Comments:

The 2016 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.

CHU ¹	Hybrid	Technology / Genetic Traits ²	Distributor	MacGregor			
				Yield (bu/ac)	Moisture (%)	Days to Silking	Bushel Wt (lbs/bu)
2000	P7005AM	YGCB/HX1/LL/RR2	DuPont Pioneer	132.8	21.9	77	53.0
2050	TH 7673VT2P RIB	VT2P	Thunder Seed Inc.	145.7	26.6	77	51.6
2050	P7202AM	YGCB/HX1/LL/RR2	DuPont Pioneer	125.0	26.0	78	49.3
2050	P7211HR	HX1/LL/RR2	DuPont Pioneer	132.5	24.5	74	49.8
2050	P7332R	RR2	DuPont Pioneer	152.2	27.7	78	48.3
2075	DKC 23-17RIB	GENVT2P	DEKALB	142.9	25.8	76	51.4
2100	LR9573VT2PRIB	VT2PRIB	Delmar Commodities	122.2	28.0	76	51.0
2100	TH 7574VT2P RIB	VT2P	Thunder Seed Inc.	179.7	25.9	77	51.9
2100	P7410HR	HX1/LL/RR2	DuPont Pioneer	125.3	25.0	77	49.2
2125	LR 9474VT2PRIB	VT2PRIB	Delmar Commodities	159.4	31.0	80	48.6
2150	E44A02 R	VT2P	Elite	167.6	28.4	78	49.6
2150	E46J77 R	GT	Elite	146.0	27.0	79	50.6
2150	MZ 1340DBR	GENVT2P	Maizex Seeds Inc.	145.0	27.9	77	50.9
2150	PV 60075RIB	VT Double Pro RIB	Crop Production Services Canada	158.1	24.4	78	52.4
2175	A4199G2 RIB	VT2P	PRIDE Seeds	137.5	26.9	77	49.5
2175	PS 2210VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	173.9	30.7	80	49.3
2200	DKC 27-55RIB	GENVT2P	DEKALB	157.0	28.6	76	49.6
2200	HZ 1550	Agrisure 3010	Horizon Seeds	147.9	25.1	78	52.4
2200	A4415G2 RIB	VT2P	PRIDE Seeds	144.1	27.4	76	52.3
2200	LR 9676VT2PRIB	VT2PRIB	Delmar Commodities	156.6	27.4	77	51.1
2200	TH4578	RR	Thunder Seed Inc.	166.1	27.4	79	49.9
2200	TH 7677VT2P RIB	VT2P	Thunder Seed Inc.	164.4	28.5	79	49.6
2200	PS 2320RR	RR2	DLF Pickseed Canada Inc.	178.4	30.3	78	49.8
2225	TH 7578VT2P RIB	VT2P	Thunder Seed Inc.	182.0	27.1	80	50.4
2225	P7632AM	YGCB/HX1/LL/RR2	DuPont Pioneer	154.2	28.0	79	49.8
2225	E47A12 R	VT2P	Elite	155.5	31.5	78	49.2
2250	HZ 1885	Agrisure 3010	Horizon Seeds	175.7	27.5	79	51.5
2250	39V05	RR2	DuPont Pioneer	161.7	27.1	77	49.0
2250	MZ 1633DBR	GENVT2P	Maizex Seeds Inc.	151.4	29.6	77	49.4
2250	4085	HXT/LL/RR	DOW Seeds	151.4	28.6	80	49.2
2250	X14123VH	Bt/RR	DOW Seeds	155.7	32.2	82	47.3
2250	NSG EXP-GT75	GT	NorthStar Genetics	132.6	28.2	78	48.8
2275	P7958AM	YGCB/HX1/LL/RR2	DuPont Pioneer	174.8	25.5	79	49.5
2275	39V09AM	YGCB/HX1/LL/RR2	DuPont Pioneer	150.4	27.7	80	50.4
2275	PS 2348VT2P RIB	GENVT2P	DLF Pickseed Canada Inc.	162.1	29.2	80	50.4
2300	A4631G2 RIB	VT2P	PRIDE Seeds	167.9	29.9	79	50.2
2300	MZ 1624DBR	GENVT2P	Maizex Seeds Inc.	157.2	28.9	82	48.3
2300	4093	HXT/LL/RR	DOW Seeds	170.9	27.1	79	50.2
2300	DS80A27	SSX	DOW Seeds	164.4	30.7	81	47.2
2300	X15014VX	Bt/RR	DOW Seeds	157.6	31.7	80	47.7
2300	X15102VX	Bt/RR	DOW Seeds	153.1	32.6	81	46.4
2300	NSG EXP-GT76	GT	NorthStar Genetics	141.8	29.5	78	48.6
2325	E49A12 R	VT2P	Elite	165.3	28.2	80	50.7
2350	HZ 675	Agrisure 3010	Horizon Seeds	154.3	30.6	81	50.8
2350	A4939G2 RIB	VT2P	PRIDE Seeds	166.2	29.8	79	49.1
2350	TH 7681VT2P RIB	VT2P	Thunder Seed Inc.	177.1	30.0	80	48.5
2350	NSG EXP-GT78	GT	NorthStar Genetics	127.1	31.5	83	46.9
2375	HZ 730GT	GT	Horizon Seeds	163.5	29.7	81	47.8
2375	A5095G2 RIB	VT2P	PRIDE Seeds	158.6	30.2	80	49.6
2400	E50P52 R	VT2P	Elite	182.7	28.5	78	49.5
2450	DKC 32-12RIB	GENVT2P	DEKALB	185.8	29.1	80	48.5
2450	NSG EXP-GTCBLL80	GT	NorthStar Genetics	160.6	31.7	81	50.1
2450	NSG EXP-GT80	GT, CB, LL	NorthStar Genetics	151.7	27.8	80	51.8
2475	P8210HR	HX1/LL/RR2	DuPont Pioneer	158.4	30.7	79	47.3
Site Average				155.3	28.4	78.8	49.7
CV%				8.7	6.4	2.0	2.7
Sign Diff				YES	YES	YES	YES
LSD (0.05)				22.0	3.0	2.6	2.1
Planting Date				May 5, 2016			
Harvest Date				October 15, 2016			

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.