

Table 1: Alma, Orangeville

2011 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	Plant Height (cm)	2010-2011 averages ¹				2011 averages ²				Results of 2011 Performance Trials					
					average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2100	Pioneer	P7443R	R	204	89	21.1	7	107	92	23.5	9	106	92	22.1	14	93	24.9	4
2250	Horizon	HZ 702	R	193					90	24.0	7	102	88	22.9	13	92	25.1	0
2300	Pioneer	39B94	W B R L	212	92	22.7	3	106	94	25.1	3	106	95	23.7	5	93	26.4	1
2350	Mycogen Seeds	2D093	R	208					91	24.7	8	104	90	23.6	10	91	25.7	5
2350	Pioneer	39D97	W B R L	203	92	22.5	5	103	96	24.6	8	102	100	23.2	15	92	25.9	0
2400	Hyland	8098	W B D R L	194	96	24.3	0	100	95	26.9	0	99	100	25.0	0	91	28.9	0
2400	Pioneer	P8107HR	W B R L	195	97	23.1	3	100	94	25.3	5	100	91	23.8	8	97	26.9	2
2425	PICKSEED	2411GT/CB/LL	B R L	194					94	27.1	9	99	92	25.5	16	97	28.7	2
2450	Mycogen Seeds	2R081	R	202	97	23.7	3	97	98	26.2	3	97	97	25.1	5	100	27.2	2
2450	PRIDE Seeds	A4880G3	B D R	190	94	22.6	2	101	91	24.2	4	101	91	23.0	4	90	25.4	4
2475	NK Brand	N12R-3000GT	B D R L	187					90	24.4	9	102	93	22.9	17	88	25.9	1
2500	Horizon	HZ 750		197	97	25.2	4	96	103	28.4	7	97	107	27.0	4	100	29.7	10
2500	Mycogen Seeds	2D140	B D R	219	95	24.7	2	102	91	26.3	2	102	90	24.8	1	92	27.9	2
2525	PRIDE Seeds	A5030G2	B R	192					89	25.1	1	101	88	24.0	1	90	26.3	2
2550	DEKALB	DKC34-27	B D R	205					97	25.1	2	102	91	23.3	4	103	27.0	0
2550	Elite	33K97 RR	R	201	98	23.7	1	101	96	24.9	2	102	97	23.4	2	94	26.5	2
2550	Maizex	MZ 211X	B R L	203	108	24.9	7	98	112	26.2	11	99	112	24.1	16	112	28.3	6
2550	PRIDE Seeds	A5074G3	B D R	218					96	28.6	1	100	94	26.9	1	97	30.3	0
2575	DEKALB	DKC33-97	W B D R L	201					91	26.4	2	100	91	24.1	3	90	28.7	1
2575	DEKALB	DKC35-43	B D R	204	101	25.4	1	101	102	27.1	1	101	100	25.2	1	105	28.9	2
2575	NK Brand	N16Z-3000GT	B D R L	198					102	25.4	8	102	107	23.9	16	97	27.0	0
2575	Pioneer	P8581R	R	209	102	24.3	2	98	102	26.4	2	99	100	24.2	4	105	28.5	0
2575	PRIDE Seeds	A5110G3	B D R	192	100	23.9	1	100	104	24.9	1	101	101	23.5	1	106	26.2	1
2575	PRIDE Seeds	A5120G2	B R	195					103	24.9	2	98	105	23.3	2	101	26.6	2
2600	Country Farm	CF208R	R	193	96	25.1	5	102	91	27.0	8	101	91	25.2	8	90	28.7	8
2600	Elite	39C52 RR	B R	212					92	25.8	2	99	92	24.8	3	91	26.8	2
2600	Mycogen Seeds	2P176	B D R	193	98	26.3	1	100	95	27.5	1	101	93	26.4	2	97	28.6	1
2600	PICKSEED	2642CB/LL/RW	B D L	201	105	24.3	10	97	106	25.8	17	98	102	24.1	28	109	27.4	7

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					average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	Pioneer	P8622HR	W B R L	211					107	27.6	5	97	107	25.9	7	106	29.2	4
2600	Pioneer	P8906R	R	198					101	28.4	2	98	97	27.0	3	105	29.8	1
2625	Country Farm	CF214	B R L	206	98	26.4	5	97	99	28.2	7	97	96	25.6	11	102	30.7	4
2625	DEKALB	DKC36-34	B D R	206	98	24.1	1	99	101	25.7	2	100	104	25.1	2	98	26.2	2
2625	NK Brand	N17H-3000GT	B D R L	196	106	25.8	1	103	108	28.3	1	102	110	26.0	2	105	30.6	1
2625	Pioneer	39D85	W B R L	208	99	24.5	3	101	101	26.9	4	101	103	25.5	5	99	28.2	4
2650	Country Farm	CF288VT3	B D R	201	94	22.7	4	102	94	24.3	7	103	94	22.7	9	94	25.8	5
2650	DEKALB	DKC37-41	W B D R L	213					109	27.6	1	100	110	26.1	1	108	29.1	0
2650	Hyland	HL 4227	W B D R L	201	101	24.8	1	102	101	26.3	1	100	97	24.7	1	105	27.8	0
2650	Maizex	MZ 269X		208	107	27.4	1	99	105	29.9	1	99	112	27.8	2	98	32.0	0
2650	Maizex	MZ 2988DBR	B R	201					109	28.8	1	96	111	27.1	1	106	30.4	0
2650	PICKSEED	2629GT/CB/LL	B R L	211					101	25.9	10	101	101	24.4	14	102	27.5	6
2650	Pioneer	P8906HR	W B R L	207	110	26.4	2	98	105	28.4	4	98	108	27.1	3	102	29.8	5
2675	Country Farm	CF266	R	206					109	26.8	1	98	106	24.8	1	113	28.7	1
2675	DEKALB	DKC38-26	B D R	212	100	25.3	1	99	101	27.2	1	100	107	25.8	1	95	28.6	1
2675	Hyland, Mycogen	8234	W B D R L	208	104	25.6	1	97	101	26.9	2	100	95	23.7	4	106	30.1	0
2675	PICKSEED	2750RR	R	210					117	28.7	2	97	116	26.5	2	118	30.9	1
2675	PRIDE Seeds	A5624G3	B D R	218					107	27.7	3	99	109	26.3	5	106	29.1	1
2700	Maizex	MZ 3020CBR	B D R	204	106	28.3	1	99	108	30.6	1	100	108	28.9	2	109	32.2	1
2725	DEKALB	DKC40-22	W B D R L	193	111	28.1	1	97	109	30.1	3	99	110	28.7	3	109	31.4	2
2750	Country Farm	CF330		197					98	27.7	11	98	94	25.4	20	103	30.0	1
2775	DEKALB	DKC42-72	B D R	197	110	28.0	1	96	110	30.4	1	96	115	29.0	1	106	31.7	1
LSD (0.10) for Yield Index Points*					4				6				9			9		
Average all hybrids **				203	191	24.8	3	68	185	26.7	4	67	185	25.1	6	185	28.3	2
European Corn Borer Pressure													Low			Low		

¹ Alma 2010-2011, Orangeville 2010-2011

² Alma, Orangeville

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

** Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hL.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.