

Table 5: Belmont, Kerwood, West Lorne

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

CHU	Brand and/or Hybrid		Notes	Plant Height (cm)	2010-2011 averages <sup>1</sup>				2011 averages <sup>2</sup>				Results of 2011 Performance Trials								
					average of 6 trials				average of 3 trials				BELMONT			KERWOOD			WEST LORNE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2800	Horizon	HZ 942BtGT	B R L	238					102	23.9	10	99	100	23.2	18	97	20.2	7	110	28.3	5
2825	Horizon	HZ 950	R	236					92	24.5	4	105	98	23.9	8	88	20.6	2	91	29.1	2
2850	Horizon	HZ 972	B D R L	235					98	24.2	7	101	102	23.9	11	88	20.1	7	106	28.6	4
2850	Pioneer	38A55	R	238	85	20.5	3	108	87	22.3	1	108	94	22.0	2	84	20.6	0	85	24.5	1
2850	Pioneer	38A57	W B R L	237	89	21.3	3	107	91	23.7	2	107	95	23.1	4	85	20.7	2	93	27.4	0
2850	Pioneer	P9623HR	W B R L	225	92	21.5	2	103	97	23.9	0	103	98	22.6	0	88	21.7	0	105	27.4	1
2850	Pioneer	P9675XR	W B D R L	224					91	23.5	2	105	91	24.3	5	92	20.5	0	90	25.7	2
2900	Horizon	HZ 991GT	R	238					99	26.6	7	99	101	26.9	5	96	22.1	5	100	30.8	10
2900	Pioneer	P9855HR	W B R L	238	94	22.2	3	102	97	24.8	4	101	99	24.7	9	91	21.3	5	103	28.5	0
2950	DEKALB	DKC48-12	W B D R L	230					92	25.1	0	99	93	24.9	1	93	20.6	1	90	29.7	0
2950	Hyland	HL 4424	B D R L	247					103	25.6	9	101	96	25.2	16	103	21.0	11	111	30.7	1
2950	Hyland	HL CVR68	B D R	237	94	22.7	7	103	93	24.8	4	102	97	25.4	5	94	20.9	7	89	28.1	1
2950	Pioneer	37V63	W B D R L	238	94	21.8	6	102	96	24.1	1	102	97	24.2	2	86	20.2	2	104	27.8	1
2950	Pioneer	P9807HR	W B R L	240	98	23.3	2	100	98	26.0	1	98	104	26.6	1	98	21.8	1	90	29.7	1
2950	Pioneer	P9910XR	W B D R L	242					104	24.1	0	98	106	22.6	0	105	21.4	0	102	28.3	0
2950	Pioneer	P9917XR	W B D R L	219					97	24.0	2	101	102	23.9	1	94	20.8	5	96	27.3	0
2975	Maizex	MZ 3969CBR	B D R	227	91	21.7	7	102	92	24.4	4	101	94	24.2	8	92	20.6	4	91	28.5	0
3000	DEKALB	DKC49-94	W B D R L	226	90	23.2	2	100	90	26.2	0	99	86	26.9	1	92	21.4	1	91	30.4	0
3000	Elite	X8670	B D R	235					98	25.2	1	101	105	25.0	1	101	21.7	1	89	28.9	1
3000	Horizon	HZ 1021HxT	W B D L	238					97	26.2	3	99	91	26.5	5	104	21.0	4	96	31.0	1
3000	Hyland	HL 4490	B D R L	246					94	24.6	1	103	100	24.3	3	89	20.9	1	94	28.6	0
3000	Hyland	HL B45R	B R	227	98	23.9	1	99	97	26.9	1	100	96	26.4	1	98	21.3	2	98	33.0	1
3000	Hyland, Mycogen	8491	W B D R L	230					92	26.7	0	102	88	27.0	0	94	22.3	0	94	30.8	0
3000	Maizex	MZ 4030SMX	W B D R L	245					100	24.7	4	101	96	25.0	1	100	20.5	11	104	28.6	1
3000	Maizex	MZ 409X		234	96	24.2	9	102	98	26.9	2	102	101	27.1	2	94	21.9	3	98	31.8	3
3000	Pioneer	P0125R	R	241	99	22.6	11	102	105	25.4	2	102	109	24.7	1	103	21.1	4	102	30.4	3
3050	Country Farm	CF614	B R	226					86	24.7	4	102	89	24.2	6	87	20.7	1	83	29.3	6
3050	Hyland	8524	W B D R L	238	99	25.4	7	100	99	27.2	1	100	92	28.4	1	98	23.0	0	107	30.1	1
3050	NK Brand	N45P-CB/LL/RW	B D L	234					98	24.2	2	101	102	24.8	2	99	21.0	4	93	26.8	0
3050	NK Brand	N46U-3000GT	B D R L	235					106	25.6	3	100	113	26.0	2	102	21.1	8	103	29.6	0
3050	Pioneer	P0118HR	W B R L	232	107	23.7	1	99	106	26.9	1	97	111	26.9	2	101	22.2	1	107	31.5	1
3050	Pioneer	P0125HR	W B R L	242	102	23.4	6	100	104	26.5	2	99	106	27.0	0	101	22.0	7	105	30.6	0
3050	PRIDE Seeds	A7004G8	W B D R L	240					98	25.7	1	100	99	25.4	1	96	21.8	1	98	29.9	0
3075	DEKALB	DKC50-45	W B D R L	232	99	25.0	5	99	97	27.2	4	99	102	28.6	5	95	22.4	3	95	30.7	3
3100	DEKALB	DKC52-03	W B D R L	237					94	25.6	0	100	102	26.2	1	91	21.6	0	89	28.8	1
3100	DEKALB	DKC52-59	B D R	230	99	23.8	5	99	100	26.6	3	98	103	26.8	2	101	22.0	4	96	31.0	2
3100	Horizon	HZ 1055BtGt	B R L	239	102	24.7	2	99	106	27.8	1	99	110	28.9	1	106	21.8	1	103	32.5	1
3100	Hyland, Mycogen	8552	W B D R L	236					103	28.4	2	99	104	28.8	7	105	23.7	1	100	32.7	0
3100	NK Brand	N48T-3000GT	B D R L	235					97	27.3	2	105	98	29.0	1	97	22.7	3	95	30.2	1
3100	Pioneer	P0216HR	W B R L	246					109	26.1	0	96	104	27.8	0	114	21.3	1	110	29.3	0
3100	Pioneer	P0474HR	W B R L	240					112	27.0	1	102	112	27.9	0	117	22.1	4	107	31.1	0
3125	NK Brand	N49J-3000GT	B D R L	248	108	24.7	12	98	107	26.8	7	98	109	27.2	2	103	22.3	17	109	30.8	1
3125	PRIDE Seeds	A7210G3	B D R	236					104	26.8	1	100	105	27.4	1	105	21.3	1	100	31.8	0
3125	PRIDE Seeds	A7292G8	W B D R L	245					103	28.7	2	100	98	29.8	1	109	23.1	4	103	33.1	0
3150	Hyland, Mycogen	8595	W B D R L	240	101	26.5	3	99	100	28.8	2	99	96	30.2	1	100	22.6	5	103	33.5	1

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					average of 6 trials				average of 3 trials				BELMONT			KERWOOD			WEST LORNE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
3150	Maizex	MZ 4365CBB	W B D R L	240					105	26.0	2	98	99	26.7	0	100	21.9	1	116	29.5	6
3150	Maizex	MZ 4490DBR	B R	242					103	28.8	3	99	105	29.4	2	102	23.7	7	100	33.3	1
3150	Maizex	MZ 4586CBB	W B D R L	233	97	26.6	3	98	92	29.6	1	99	89	30.0	1	97	24.0	2	87	34.8	1
3150	NK Brand	N53W-3000GT	B D R L	242	108	25.2	5	99	108	27.3	4	99	107	29.1	1	109	22.2	11	108	30.5	1
3150	PICKSEED	3120VT2P	B R	228					100	26.1	1	100	100	26.9	1	100	21.0	1	100	30.3	0
3150	Pioneer	35F33	W B R L	240					101	27.7	1	103	102	28.7	2	100	23.4	1	102	31.1	0
3150	Pioneer	35F37	R	240	101	24.8	5	102	102	27.1	5	103	106	27.5	9	101	22.9	5	98	31.0	3
3150	Pioneer	35F43	W B L	241	103	25.4	4	102	104	27.4	1	101	103	28.2	1	103	23.7	2	106	30.4	1
3150	Pioneer	P0448XR	W B D R L	234	103	25.6	2	103	104	28.5	1	103	103	30.0	2	104	23.4	1	105	32.1	1
3150	Pioneer	P0453HR	W B R L	234	102	24.9	2	99	101	27.3	2	99	100	27.8	6	99	22.0	0	105	32.2	0
3150	PRIDE Seeds	A7341RR	R	235	97	26.9	4	100	96	29.9	1	99	92	30.4	1	103	23.5	2	92	35.7	1
3175	PRIDE Seeds	A7331G3	B D R	233	93	25.7	6	100	95	28.8	3	99	90	29.0	2	98	23.5	5	97	34.0	2
3175	PRIDE Seeds	A7421RR	R	246					101	27.7	2	101	99	29.2	1	109	23.5	2	95	30.4	3
3200	Country Farm	CF650		247	104	26.4	6	94	105	29.0	0	95	90	30.1	0	112	22.2	1	112	34.7	0
3200	Country Farm	CF658VT3	B D R	246	96	23.9	14	102	94	25.5	6	103	93	26.1	3	91	20.7	16	99	29.6	0
3200	Maizex	MZ 4640SMX	W B D R L	237					100	28.4	1	99	105	28.2	4	97	23.3	0	98	33.6	0
3200	Pioneer	P0621HR	W B R L	242					102	26.7	1	98	98	26.9	1	98	22.2	3	110	31.0	0
3225	DEKALB	DKC56-33	W B D R L	242	106	26.5	2	102	104	29.3	1	101	108	29.8	1	103	24.7	2	102	33.3	0
3225	PICKSEED	3255VT2P	B R	249					108	28.9	1	98	112	29.9	1	114	24.3	1	97	32.6	2
3250	Country Farm	CF676	R	237	100	25.7	4	99	98	28.0	1	99	95	28.1	0	101	23.3	4	98	32.4	0
3250	Country Farm	CF690		236	104	25.8	10	97	101	28.8	2	97	98	29.6	2	100	23.2	4	104	33.7	1
3250	Country Farm	CF692R	R	236	106	24.9	6	97	107	27.6	4	97	107	28.6	2	106	23.1	4	109	31.0	7
3250	DEKALB	DKC57-50	B D R	242	104	28.8	2	96	99	30.7	1	96	93	31.8	1	110	25.9	3	94	34.3	0
3250	Hyland	8677	W B D R L	251	101	26.9	8	97	98	28.9	3	96	92	30.8	1	105	23.0	3	98	33.0	5
3250	Hyland	HL R277	R	248	109	26.9	6	95	107	29.3	1	94	108	29.8	0	106	23.7	3	107	34.6	0
3250	Pioneer	35H42	W B R L	254	108	26.1	2	102	108	28.8	1	102	96	30.5	0	106	23.1	3	122	32.8	1
3250	Pioneer	P0891XR	W B D R L	264					111	28.2	6	102	115	29.9	8	110	24.5	10	106	30.3	0
3275	Hyland, Mycogen	8672	W B D R L	239					99	28.9	2	97	101	29.6	1	99	22.6	2	97	34.5	3
3300	DEKALB	DKC59-64	B D R	244	114	28.4	5	98	110	30.8	2	98	108	31.6	1	112	26.3	4	111	34.6	0
3300	Hyland	8693	W B D R L	252															104	30.3	2
3300	Hyland	HL B77R	B R	242	110	27.6	4	95	106	30.0	1	95	98	31.1	1	113	23.6	2	108	35.3	0
3300	Maizex	MZ 5562CBB	B D R	227	100	26.5	8	99	99	29.1	1	100	98	30.1	1	102	24.0	1	97	33.0	1
3325	DEKALB	DKC61-21	W B D R L	248					98	31.7	1	98	96	32.7	0	102	26.6	3	94	35.8	2
3350	Country Farm	CF762	R	232					103	30.2	0	101	100	30.8	0	110	24.8	0	98	35.0	1
LSD (0.10) for Yield Index Points*					3				3				7			5			6		
Average all hybrids **				238	204	24.8	5	68	215	26.9	2	66	216	27.4	2	225	22.3	3	203	31.0	1
European Corn Borer Pressure													Low		Low			Low			

<sup>1</sup> Belmont 2010-2011, Kerwood 2010-2011, West Lorne 2010-2011

<sup>2</sup> Belmont, Kerwood, West Lorne

\* 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.