

Table 5: Belmont, Kerwood, West Lorne

2014 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes	2013-2014 averages ¹				2014 averages ²				Results of 2014 Performance Trials								
			average of 6 trials				average of 3 trials				BELMONT			KERWOOD ³			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 %
2850	Pioneer P9675AMXT	W B D R L O					102	27.6	8	103	103	28.1	0	101	26.3	25	103	28.5	0
2850	Pioneer P9681AM	W B R L O												107	29.6	14	107	30.2	0
2850	Pioneer P9754AM	W B R L O	94	24.0	5	104	99	29.2	3	103	101	28.9	0	97	29.1	10	100	29.5	1
2875	Pioneer P9644AM	W B R L O					107	28.3	4	104	106	28.0	0	113	28.1	11	103	28.8	0
2900	Pioneer P9789AMXT	W B D R L O					99	28.1	1	103	99	27.9	0	102	27.3	4	97	29.1	0
2925	Pioneer P9644AMX	W B D R L O					99	28.0	13	104	93	28.3	0	100	27.5	39	104	28.2	0
2925	PRIDE Seeds A6757G8 RIB	W B D R L O					105	28.7	4	100	109	28.6	0	102	29.0	11	104	28.6	0
2950	Elite E71Z19 R	B D R O	99	24.5	5	102	99	28.5	1	102	99	29.5	0	102	28.1	3	94	27.8	0
2950	Hyland HL CVR68	B D R	101	24.2	9	103	100	27.9	13	105	97	28.7	0	102	27.2	40	102	27.8	0
2950	Hyland, Mycogen 4425	B R L					108	30.7	2	100	103	32.2	0	106	29.9	5	115	30.1	0
2950	Pioneer P9807AM	W B R L O	102	24.3	4	102	103	28.6	6	102	101	29.0	0	107	28.3	19	103	28.4	0
2950	Pioneer P9910AMX	W B D R L O					98	26.6	0	100	93	25.4	0	105	26.6	1	98	27.7	0
2950	Pioneer P9917AMX	W B D R L O					105	28.6	1	103	103	27.9	0	108	29.5	4	103	28.4	0
2975	DEKALB DKC50-78RIB	B R O	106	23.9	2	102	103	27.9	0	101	103	28.8	0	103	27.9	1	105	27.1	0
3000	DEKALB DKC49-72RIB	W B D R L O					102	28.4	2	99	100	29.1	0	103	27.8	5	104	28.2	1
3000	DEKALB DKC49-82RIB	W B D R L O	102	25.2	1	100	102	30.5	2	99	98	31.4	0	103	30.0	7	106	30.2	0
3000	Elite E71T15		106	24.5	3	101	110	28.9	6	102	107	29.2	0	110	28.5	17	114	29.1	0
3000	Horizon HX 13218E	W B D R O					102	30.3	4	100	102	31.2	0	99	30.0	11	105	29.8	0
3000	Horizon HZ 1026A	B D R L					102	31.4	3	99	97	31.6	0	103	31.8	8	107	30.7	1
3000	Hyland, Mycogen 8450RA	W B D R L O					93	33.7	3	99	95	33.8	0	93	33.7	7	91	33.6	1
3000	Hyland, Mycogen 8486RA	W B D R L O	101	25.9	1	99	101	31.7	2	99	104	32.1	0	101	31.5	4	95	31.5	1
3000	Maizex MZ 4010DBR	B R O					98	29.7	1	101	89	30.4	0	104	29.4	4	104	29.4	0
3000	PICKSEED PS 3035VT2P	B R	102	25.5	3	98	102	30.2	3	98	105	30.8	0	105	30.0	8	96	29.9	1
3000	PICKSEED PS 3066GSX RIB	W B D R L O	96	25.5	2	102	93	30.3	2	100	86	31.0	0	94	30.1	7	100	29.7	0
3000	Pioneer P0094AM	W B R L O	101	24.6	10	101	99	29.4	14	101	99	30.4	0	102	28.6	43	96	29.2	1
3000	Pioneer P0157AM	W B R L O					103	31.8	4	102	105	30.2	0	107	31.6	10	95	33.7	1
3050	DEKALB DKC50-90RIB	W B D R L O					94	30.3	1	100	93	30.8	0	95	31.5	3	94	28.6	0
3050	Hyland 5510	W B R L					106	32.0	16	99	104	31.3	0	107	32.3	49	106	32.3	0
3050	Hyland 8505RA	W B D R L O	100	27.6	3	99	98	34.2	2	98	98	34.2	0	101	35.0	5	93	33.3	0
3050	Hyland, Mycogen 8515RA	W B D R L O	92	28.4	1	100	90	34.8	1	100	91	35.2	0	90	35.1	2	90	34.2	0
3050	Maizex MZ 4092DBR	B R O	101	24.7	9	102	102	29.5	12	103	105	29.9	0	101	29.0	37	98	29.6	0
3050	Maizex MZ 4107SMX	W B D R L O					93	30.8	2	99	97	31.9	0	97	29.2	7	84	31.3	0
3050	Pioneer P0157AMX	W B D R L O					100	33.5	0	102	102	32.7	0	101	33.7	1	98	34.2	0
3050	PRIDE Seeds A7188G8 RIB	W B D R L O	100	23.6	3	101	95	27.2	6	101	97	28.2	0	96	26.3	17	92	26.9	0
3075	DEKALB DKC50-45RIB	W B D R L O	98	25.5	11	99	98	29.2	11	100	94	30.2	0	98	28.9	33	102	28.4	1
3075	PRIDE Seeds A7270G8 RIB	W B D R L O	102	27.4	2	99	103	32.4	2	100	102	32.4	0	107	32.4	6	100	32.3	0
3100	DEKALB DKC52-84RIB	W B D R L O					97	29.4	3	98	96	30.7	0	105	28.2	7	89	29.3	1
3100	Elite E75S79 R	B D R O	99	27.1	10	102	101	32.5	14	102	99	33.2	0	103	32.6	42	101	31.6	1

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			average of 6 trials				average of 3 trials				BELMONT			KERWOOD ³			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 %
3100	Hyland, Mycogen 8552RA	W B D R L O	100	27.0	1	99	99	33.1	1	99	99	33.1	0	93	34.2	4	107	31.9	0
3100	Maizex MZ 4525SMX	W B D R L O					100	32.8	1	97	99	32.8	0	103	32.7	2	97	32.8	1
3100	NK Brand N49W-3000GT	B D R L					95	31.4	1	98	89	32.2	0	102	30.9	3	95	31.2	0
3100	Pioneer P0216AM	W B R L O	102	26.8	2	99	104	32.1	3	98	105	31.8	0	106	32.6	8	101	32.0	0
3100	Pioneer P0474HR	W B R L O	105	26.8	4	104	102	32.4	6	105	106	33.2	0	104	32.7	19	96	31.4	0
3100	Pioneer P0496AMX	W B D R L O					106	30.7	7	102	105	31.1	0	98	31.2	22	114	29.9	0
3125	Country Farm CF626	W B D R L O	102	24.9	8	99	97	29.9	9	99	96	29.6	0	100	29.6	26	94	30.5	3
3125	DEKALB DKC53-56RIB	W B D R L O	102	27.2	1	100	102	32.0	1	100	100	32.7	0	102	31.9	3	102	31.5	0
3150	Elite E76V10 LR	W B D R L O	105	27.3	4	102	102	31.8	2	102	103	32.1	0	101	31.6	5	101	31.8	0
3150	Hyland 8521RA	W B D R L O					101	34.7	7	100	98	34.8	0	101	35.4	21	106	33.8	0
3150	Hyland 8575RA	W B D R L O	95	27.8	10	99	95	34.2	6	97	100	33.6	0	89	35.0	19	93	34.0	0
3150	Hyland, Mycogen 8595RA	W B D R L O	98	29.3	3	97	98	35.2	4	97	99	35.1	0	93	36.7	12	100	33.8	0
3150	Maizex MZ 4640SMX	W B D R L O	99	28.7	7	98	97	34.1	2	97	101	32.7	0	95	35.8	7	94	33.6	0
3150	NK Brand N53W-3122	W B D R O	97	28.5	2	99	98	33.2	3	100	103	32.6	0	95	33.8	8	96	33.3	1
3150	Pioneer P0506AM	W B R L O					104	33.2	4	100	104	33.4	0	106	33.0	13	101	33.0	0
3150	PRIDE Seeds A7311G8 RIB	W B D R L O	99	27.6	4	98	97	35.1	1	94	99	36.0	0	97	36.4	4	93	32.9	0
3175	PRIDE Seeds A7330G2 RIB	B R O	100	30.1	4	99	100	36.4	4	99	108	35.7	0	94	37.9	12	95	35.5	1
3200	Country Farm CF677	W B D R L O	97	28.5	2	97	98	34.6	2	95	99	35.2	0	92	35.1	7	101	33.4	0
3200	Hyland, Mycogen 8598RA	W B D R L O	103	29.6	1	97	103	36.1	0	98	102	35.8	0	105	37.7	1	102	34.9	0
3200	Maizex MZ 4676DBR	B R O					106	34.6	10	99	116	35.0	0	99	36.1	30	99	32.8	1
3200	Pioneer P0604AM	W B R L O	98	25.7	4	102	101	30.6	6	103	101	31.1	0	97	32.1	19	106	28.6	0
3200	PRIDE Seeds A7615G8 RIB	W B D R L O					102	33.1	7	101	109	33.1	0	91	34.6	22	106	31.7	0
3225	Mycogen Seeds 8635RA	W B D R L O	100	28.7	1	101	95	36.6	1	99	98	36.4	0	90	38.0	2	97	35.2	0
3250	Hyland 8636RA	W B D R L O	97	30.0	1	99	93	34.5	2	101	84	34.2	0	99	34.9	6	100	34.5	0
3250	Maizex MZ 4728SMX	W B D R L O	105	28.6	2	99	100	34.7	3	98	105	33.8	0	89	36.8	9	104	33.7	0
3275	NK Brand N60F-3111	W B D R L					103	34.8	7	99	101	35.8	0	94	37.1	20	113	31.5	0
3275	NK Brand N61P-3000GT	B D R L					102	33.9	5	94	99	34.6	0	101	34.4	15	106	32.6	1
3300	NK Brand N61X-3110	W B R L	97	28.7	7	98	94	36.2	7	97	95	35.7	0	93	37.6	21	95	35.2	0
3350	Pioneer P0987AMX	W B D R L O					96	35.1	7	101	99	34.9	0	93	36.4	20	95	34.0	1
3400	Pioneer P1197AMXT	W B D R L O					98	36.5	2	98	102	36.0	0	97	37.7	5	93	35.9	0
LSD (0.10) for Yield Index Points*			3				5				7			8			12		
Average all hybrids **			199	26.7	4	65	197	31.7	4	64	226	31.9	0	186	31.9	13	179	31.2	0

¹ Belmont 2013-2014, Kerwood 2013-2014, West Lorne 2013-2014

² Belmont, Kerwood, West Lorne

³ The severe lodging at Kerwood was the result of strong winds in late November

* 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.