

Table 2: Elora, Pakenham, Wingham

CHU	Brand and/or Hybrid	Trait	Plant Height (cm)	2009-2010 averages <sup>1</sup>				2010 averages <sup>2</sup>				Results of 2010 Performance Trials									
				average of 6 trials				average of 3 trials				ELORA			PAKENHAM			WINGHAM			
				Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2500	Maizex	EX0903	B R L	244					101	20.7	2	98	103	25.3	5	99	19.0	0	103	17.8	1
2550	Horizon	HZ 780Hx	W B L	228	95	26.4	1	103	92	21.7	2	104	94	27.2	2	91	18.8	2	90	19.1	2
2550	Maizex	MZ 1865CBR	B D R	264	100	24.5	0	100	99	20.6	0	102	99	25.9	0	100	18.1	0	97	17.8	0
2575	DEKALB	DKC35-43	B D R	230					93	21.0	0	103	95	27.0	0	93	18.5	0	92	17.5	1
2575	Maizex	MZ 2276R	R	242	92	25.6	1	103	89	20.9	1	104	90	25.7	2	90	18.6	0	88	18.5	2
2575	Pioneer	P8581R	R	244	99	25.1	1	99	93	20.2	1	99	88	23.8	2	94	18.7	0	98	18.0	0
2600	Maizex	MZ 2263Bt	B	245	93	25.4	0	100	90	21.4	0	100	94	26.5	0	91	19.0	0	84	18.8	1
2600	Mycogen	2P176	B D R	247	95	26.2	0	100	95	23.1	0	101	97	31.5	0	94	18.7	0	95	19.1	0
2600	NK Brand	N16M-3000GT	B D R L	254					95	20.2	0	104	96	24.1	0	95	18.4	0	93	18.2	0
2600	Pickseed	2642CB/LL/RW	B D L	236	107	25.5	0	98	101	20.9	0	99	98	25.1	0	97	19.1	0	108	18.5	0
2600	Pickseed	2774BtRR	B R	258	92	25.7	0	100	90	21.7	0	101	92	27.7	0	96	18.6	0	82	18.9	0
2600	Pioneer	39B22		248	101	24.4	1	99	95	19.8	2	99	88	23.3	3	102	18.6	0	93	17.6	3
2625	DEKALB	DKC36-34	B D R	242	94	25.1	0	100	91	20.7	0	99	93	25.2	0	95	18.8	0	85	18.1	0
2625	Maizex	MZ 3084R		255					100	20.6	1	98	103	25.8	1	102	18.8	0	93	17.0	1
2625	NK Brand	N17H-3000GT	B D R L	243					97	21.0	0	105	91	25.7	0	101	18.6	0	99	18.7	0
2625	Pickseed	2688VT3	B D R	255	99	25.0	0	102	98	20.9	0	102	99	26.9	0	96	18.0	0	98	17.9	0
2625	Pickseed	26927GSX	W B D R L	250					97	21.6	1	102	99	28.7	0	102	18.8	0	88	17.3	1
2625	Pioneer	39D85	W B R L	252	98	25.6	1	103	95	21.3	1	103	94	25.4	0	93	19.1	0	97	19.6	2
2650	Country Farm	CF288VT3	B D R	249	94	23.1	0	103	90	19.5	0	103	92	23.7	0	90	17.6	0	88	17.2	0
2650	DEKALB	DKC37-39	B D R	275					104	21.4	0	98	99	27.6	0	104	18.2	0	109	18.5	0
2650	Elite	39C59 RR	B D R	257	101	24.6	0	102	99	20.8	0	103	102	26.2	0	91	18.0	0	105	18.3	1
2650	Hyland, Mycogen	8234	W B D R L	261					97	21.5	0	97	96	26.4	0	100	19.1	0	95	19.1	0
2650	Maizex	MZ 269X		254					98	21.7	1	101	95	28.5	4	104	18.5	0	94	17.9	0
2650	Maizex	MZ 2722BR	B R	259	107	25.5	1	101	106	20.5	0	101	103	24.2	0	106	18.7	0	109	18.5	0
2650	Mycogen	2T220	B D R	248	101	26.4	0	99	98	21.3	0	99	98	26.2	0	100	19.2	0	95	18.6	1
2650	NK Brand	N19G-3000GT	B D R L	244					101	21.3	0	101	101	26.6	0	98	18.6	0	104	18.6	1
2650	Pickseed	2629GT/CB/LL	B R L	248	101	24.8	0	102	97	20.5	0	101	100	25.5	0	94	18.6	0	98	17.5	0
2650	Pioneer	P8906HR	W B R L	262	107	25.4	0	99	103	21.6	0	100	104	27.0	0	100	19.0	0	108	18.9	1
2675	DEKALB	DKC38-26	B D R	258	104	26.1	1	101	104	22.0	1	101	100	27.5	1	106	19.0	0	105	19.4	1
2675	Elite	25T29 RR	B D R	256	103	25.7	1	100	101	21.4	1	101	104	27.2	0	102	18.5	0	96	18.5	2
2675	Elite	45P33 FLR	B R L	268	112	26.0	0	98	111	21.5	0	98	114	26.5	0	107	18.9	0	111	19.1	0
2675	Hyland	HL CVR34	B D R	252	101	26.6	0	99	100	21.7	0	99	99	26.3	0	100	19.1	0	101	19.8	0
2675	NK Brand	N21J-GT/CB/LL	B R L	248					102	21.3	0	100	99	26.2	0	101	18.7	0	108	18.8	1
2675	Pioneer	38B13	W B R L	254	107	26.2	0	97	104	21.8	0	98	105	27.2	0	102	19.0	0	106	19.1	0
2700	DEKALB	DKC39-47	R	255	97	26.7	1	100	95	22.1	1	100	96	28.3	2	99	19.1	0	87	19.0	2
2700	Horizon	HZ 830GT	R	251	93	24.8	2	100	90	19.9	2	101	86	24.8	2	92	17.8	0	92	17.1	3
2700	Maizex	MZ 3020CBR	B D R	258	101	26.6	0	102	102	22.4	0	103	104	29.7	0	103	18.8	0	98	18.9	0
2700	Mycogen	2C302	W B R L	256	97	27.3	1	97	98	21.9	0	97	96	27.4	0	100	19.4	0	98	18.9	1
2700	NK Brand	N23F-3000GT	B D R L	248	102	25.8	0	101	99	21.8	0	102	101	26.4	0	96	18.9	0	102	19.9	1
2700	NK Brand	N23F-GT	R	251					100	21.8	1	101	95	27.3	2	99	19.1	0	108	18.9	0
2700	Pickseed	2751GSX	W B D R L	249					107	21.2	1	98	105	26.1	2	107	18.7	0	109	18.8	1
2700	Pioneer	38B14	W B D R L	239	103	26.8	0	98	100	22.4	0	99	103	28.0	0	94	19.4	0	103	19.7	1
2700	Pioneer	38B15	W B L	261					102	22.1	0	99	102	27.7	0	101	19.3	1	102	19.4	1
2700	Pioneer	38N85	R	250					99	23.0	0	100	99	29.5	0	97	19.2	0	100	20.3	0
2700	Pioneer	P9176XR	W B D R L	264	100	26.4	0	98	101	22.3	0	99	101	29.5	0	98	18.4	0	102	18.9	0
2700	PRIDE Seeds	A5672RR	R	245	98	26.0	1	98	97	21.4	1	98	99	27.4	3	96	19.0	0	97	18.0	0

Table 2 continued: Elora, Pakenham, Wingham

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				average of 6 trials				average of 3 trials				ELORA			PAKENHAM			WINGHAM		
				Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2725	Country Farm CF308VT3	B D R	235	97	24.9	0	104	94	20.1	0	103	95	24.0	1	93	19.0	0	93	17.4	0
2725	DEKALB DKC40-22	W B D R L	249					104	22.5	0	99	107	28.5	0	102	19.3	0	101	19.7	1
2725	Horizon HZ 850	R	242					106	24.1	1	99	105	31.0	2	105	20.0	0	109	21.4	2
2725	Hyland HL CVR48	B D R	272	102	26.5	1	102	104	23.5	0	102	106	30.9	0	101	19.1	0	104	20.6	0
2725	PRIDE Seeds A5845G3	B D R	249					106	22.4	0	98	102	28.9	0	107	18.8	0	110	19.5	0
2750	Hyland HL B34R	B R	263	100	27.6	0	99	99	23.4	1	99	95	31.6	1	107	19.1	0	94	19.4	1
2750	Pioneer 38N88	W B R L	266					97	23.1	0	99	98	29.9	0	97	19.3	0	96	20.2	0
2775	Country Farm CF370R	R	233					97	21.1	1	99	99	25.5	3	102	19.0	0	90	18.8	0
2775	DEKALB DKC42-72	B D R	242					105	22.9	0	99	102	29.8	0	109	19.0	0	104	19.9	1
2775	Maizex MZ 3061CBR	B D R	224	92	26.0	1	99	90	21.7	2	100	92	26.7	1	91	18.9	0	86	19.4	5
2775	Maizex MZ 3860CBR	B D R	240	92	28.5	1	98	92	24.0	1	98	88	30.4	2	95	21.5	0	93	20.2	2
2775	PRIDE Seeds A6011RR	R	253	108	26.7	1	98	108	22.5	1	99	106	28.1	0	106	19.1	0	112	20.2	2
2800	DEKALB DKC43-27	B D R	235					97	22.1	1	98	102	28.3	0	101	18.7	0	87	19.4	2
2800	Mycogen 2J337	B D R	252	106	27.9	0	98	106	23.9	0	99	107	31.4	0	106	19.4	0	104	20.9	0
2800	Pioneer 38M58	W B R L	265					102	24.3	0	100	102	31.5	0	101	19.2	0	103	22.3	0
2800	Pioneer 38M59	B	251					101	23.7	0	102	102	31.8	0	100	19.3	0	102	19.9	0
2800	PRIDE Seeds A6012G3	B D R	256	106	27.5	0	98	107	23.6	0	99	110	31.3	0	108	19.2	0	103	20.2	0
2825	Hyland HL R238	R	252					113	23.3	2	98	111	31.1	2	114	19.0	1	113	20.0	2
2825	Maizex MZ 3490SMX	W B D R L	232					97	22.5	0	103	99	28.8	0	100	19.0	0	91	19.6	1
2825	NK Brand N27B-3000GT	B D R L	240					105	21.4	0	98	101	26.7	0	99	19.0	0	115	18.6	1
2850	Hyland, Mycogen 8395	W B D R L	279					109	26.2	0	97	105	37.5	0	109	19.8	0	115	21.4	0
2850	Pioneer 38A55	R	257					103	23.5	0	101	104	30.3	0	100	19.5	0	107	20.6	0
2850	Pioneer 38A57	W B R L	263					106	23.9	0	101	103	31.1	0	102	20.0	0	114	20.6	0
2850	Pioneer P9512XR	W B D R L	257					106	24.7	0	95	103	32.6	0	106	20.5	0	111	21.2	0
2850	Pioneer P9623HR	W B R L	236					104	23.9	0	100	104	30.2	0	104	20.4	0	105	21.2	1
2875	DEKALB DKC45-52	B D R	268					107	24.5	0	98	108	32.6	0	107	19.5	0	106	21.4	0
2875	DEKALB DKC46-07	W B D R L	239					105	26.8	0	100	108	36.3	0	103	21.0	0	105	23.0	0
2900	NK Brand N29T-GT/CB/LL	B R L	252					114	22.4	0	97	118	28.8	1	111	19.1	0	115	19.4	0
LSD (0.10) for Yield Index Points*				2				3				6			4			6		
Average all hybrids **			251	191	25.9	1	65	217	22.1	0	71	211	28.0	1	240	19.0	0	201	19.2	1
European Corn Borer Pressure												Low		None				Low		

1 Elora 2009-2010, Pakenham 2009-2010, Wingham 2009-2010

2 Elora, Pakenham, Wingham

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

\*\* Average Yields are reported 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.

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