

Table 1: Alma, Orangeville

CHU	Brand and/or Hybrid		Trait	Height	2009-2010 averages <sup>1</sup>				2010 averages <sup>2</sup>				Results of 2010 Performance Trials					
					average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2100	Pioneer	P7443R	R	229					88	18.7	6	107	84	18.7	5	93	18.7	7
2300	Pioneer	39B94	W B R L	229	96	25.0	2		92	20.3	2	106	86	20.8	0	99	19.8	4
2350	Pioneer	39D97	W B R L	229	96	24.7	2		91	20.4	3	103	85	20.5	1	97	20.3	4
2400	Hyland	8098	W B D R L	222					99	21.7	0	101	102	23.0	1	96	20.4	0
2400	Pioneer	P8107HR	W B R L	220					101	20.8	2	100	100	21.3	1	103	20.3	3
2450	Maizex	MZ 1705CBR	B D R	227	94	26.9	2		91	22.4	3	100	89	24.0	1	94	20.8	5
2450	Maizex	MZ 1766BR	B R	239	96	25.8	3		91	21.6	5	104	95	22.8	0	87	20.5	9
2450	Maizex	MZ 189X		231					90	21.0	6	104	87	22.0	1	94	20.0	12
2450	Mycogen	2R081	R	240					98	21.3	2	97	97	22.6	2	100	20.0	3
2450	PRIDE Seeds	A4880G3	B D R	215					98	21.1	1	101	96	22.3	0	100	19.9	2
2475	DEKALB	DKC32-83	B D R	231	97	26.6	1		98	21.5	1	103	95	22.7	0	100	20.2	3
2475	Elite	X0756	B D R	224					90	21.1	0	104	88	22.0	0	92	20.1	0
2475	Pickseed	2447VT2P	B R	226	95	24.3	2		91	20.4	3	103	88	21.6	0	95	19.1	5
2475	PRIDE Seeds	A4705HMRR	R	239	102	30.9	2		100	25.6	1	102	98	27.3	1	102	23.9	2
2500	DEKALB	DKC33-72	R	231	93	25.0	2		90	21.2	2	101	89	22.8	0	90	19.6	4
2500	Elite	25T99 RR	B D R	217	91	25.5	5		84	20.8	10	100	90	21.7	0	78	19.8	20
2500	Horizon	HZ 750		215	94	29.4	1		92	22.1	2	94	89	22.6	0	96	21.5	3
2500	Hyland	HL B22R	B R	234	99	27.0	1		94	23.1	0	102	91	24.2	0	97	21.9	0
2500	Maizex	EX0903	B R L	240					106	23.7	4	97	109	26.0	3	102	21.4	4
2500	Mycogen	2D140	B D R	249	99	28.2	1		101	23.1	2	101	101	25.2	1	101	21.0	3
2500	PRIDE Seeds	A5030G3	B D R	216					93	20.9	1	101	92	22.0	0	95	19.8	2
2525	PRIDE Seeds	A5073RR	R	231					97	21.9	3	100	96	23.4	2	97	20.5	5
2550	DEKALB	DKC34-29	B R	232	102	27.0	0		101	22.9	1	101	105	24.4	0	97	21.4	1
2550	Elite	33K97 RR	R	240	107	25.9	1		103	22.4	1	100	102	24.1	1	103	20.6	0
2550	Horizon	HZ 780Hx	W B L	220	98	30.8	1		98	23.9	1	101	102	25.6	0	95	22.2	2
2550	Maizex	MZ 1865CBR	B D R	244	98	28.7	2		100	22.6	4	99	102	24.4	0	99	20.7	7
2575	DEKALB	DKC33-95	B D R	218	97	26.3	0		92	22.1	1	103	90	23.5	0	95	20.7	2
2575	DEKALB	DKC35-43	B D R	235					102	23.7	1	100	104	26.0	0	100	21.4	2
2575	Maizex	MZ 2276R	R	221	99	30.4	2		99	24.1	1	102	100	25.4	2	98	22.7	1
2575	NK Brand	N15A-GT/CB/LL	B R L	232					105	22.7	0	99	102	23.2	0	109	22.1	0
2575	Pickseed	2539VT3	B D R	231					100	22.3	0	102	101	23.4	0	98	21.2	0
2575	Pioneer	P8581R	R	220	106	28.5	1		104	22.3	2	97	100	23.4	2	107	21.1	2
2575	PRIDE Seeds	A5110G3	B D R	216	101	27.9	0		98	23.0	1	98	99	23.9	0	97	22.1	1
2600	Country Farm	CF208R	R	217	99	30.8	2		103	23.3	2	103	99	24.5	2	107	22.1	1

Table 1 continued: Alma, Orangeville

CHU	Brand and/or Hybrid		Trait	Height	2009-2010 averages <sup>1</sup>				2010 averages <sup>2</sup>				Results of 2010 Performance Trials					
					average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	Maizex	MZ 2263Bt	B	237	100	28.7	1		98	23.3	2	99	100	25.1	1	96	21.5	2
2600	Mycogen	2P176	B D R	212	100	30.0	0		104	25.1	0	98	103	27.7	0	104	22.5	1
2600	NK Brand	N16M-3000GT	B D R L	237					103	22.9	2	99	105	23.8	0	101	22.1	4
2600	Pickseed	2642CB/LL/RW	B D L	235	112	29.1	2		106	22.8	4	96	107	23.9	1	105	21.8	6
2600	Pickseed	2774BtRR	B R	235	98	29.5	0		99	24.7	0	98	105	26.1	0	93	23.2	0
2600	Pioneer	39B22		230	111	27.5	2		106	22.1	2	100	100	23.1	4	111	21.1	0
2625	DEKALB	DKC36-34	B D R	225	101	26.9	0		98	22.5	0	98	100	24.1	0	96	20.9	0
2625	Maizex	MZ 3084R		241					108	22.0	1	99	110	23.3	2	106	20.7	0
2625	NK Brand	N17H-3000GT	B D R L	236					107	23.2	1	103	111	25.0	0	103	21.4	3
2625	Pickseed	2688VT3	B D R	229	96	27.2	0		94	23.1	0	103	94	25.4	0	93	20.9	0
2625	Pioneer	39D85	W B R L	238	101	28.3	2		100	22.1	3	100	96	22.7	3	103	21.5	2
2625	PRIDE Seeds	A5131		230	98	28.0	2		95	22.8	3	97	97	24.6	1	92	21.0	4
2650	Country Farm	CF288VT3	B D R	245					96	21.1	0	101	97	22.4	0	95	19.8	1
2650	DEKALB	DKC37-39	B D R	250					109	24.3	1	97	113	26.5	0	104	22.0	2
2650	Elite	39C59 RR	B D R	231					102	22.6	1	101	103	24.3	1	102	21.0	2
2650	Hyland	HL 4227	W B D R L	224					103	23.3	1	103	105	24.8	1	100	21.9	0
2650	Hyland	HL B27R	W B R L	220					98	23.4	1	101	96	24.7	0	101	22.0	1
2650	Hyland, Mycogen	8234	W B D R L	246					109	24.2	0	94	109	26.0	0	108	22.4	0
2650	Maizex	MZ 269X		239					110	24.9	2	99	110	27.7	0	110	22.1	3
2650	Maizex	MZ 2722BR	B R	249	107	30.7	9		111	23.5	2	98	106	24.6	0	116	22.4	3
2650	Mycogen	2T220	B D R	222	113	28.9	0		111	23.8	0	97	112	25.5	0	111	22.1	1
2650	Pioneer	P8906HR	W B R L	238					116	24.3	1	97	120	26.7	0	112	21.9	1
2675	DEKALB	DKC38-26	B D R	232					100	23.4	1	98	101	24.4	0	99	22.5	2
2675	Hyland	HL CVR34	B D R	235					106	24.7	0	97	109	26.3	0	104	23.1	0
2675	PRIDE Seeds	A5365G3	B D R	232					94	23.6	3	99	95	25.0	0	93	22.1	5
2700	Maizex	MZ 3020CBR	B D R	240	103	31.1	1		107	26.1	0	98	106	30.1	0	108	22.0	0
2725	DEKALB	DKC40-22	W B D R L	243					115	26.1	0	96	124	28.1	0	106	24.1	1
2775	DEKALB	DKC42-72	B D R	234					112	25.6	1	96	112	28.4	0	112	22.9	1
	LSD (0.10) for Yield Index Points*				4				5				6			8		
	Average all hybrids **			231	161	27.9	2		192	22.8	2	70	198	24.2	1	187	21.3	3
	European Corn Borer Pressure												Low			Low		

<sup>1</sup> Alma 2009-2010, Orangeville 2009-2010

<sup>2</sup> 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.

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