

Table 1: Alma, Orangeville

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 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	87	24.8	8	106	82	26.0	7	105	79	26.8	0	85	25.3	15
2250	Horizon HZ 702	R	88	25.2	4	102	86	26.4	1	102	92	27.2	0	80	25.5	1
2300	Hyland, Mycogen 3093	R					92	26.3	2	103	93	27.8	0	92	24.8	5
2300	Pioneer 39B94	W B R L	88	27.3	3	105	83	29.5	4	104	88	30.6	0	78	28.4	8
2350	Pioneer 39D97	W B R L	93	25.7	5	102	92	26.8	2	103	85	28.3	0	98	25.3	5
2400	Hyland, Mycogen 8105RA	W B D R L O	95	25.7	2	104	94	26.2	1	104	97	28.3	0	91	24.1	3
2400	Pioneer P8107HR	W B R L	96	25.5	3	101	98	25.7	1	101	95	25.5	0	100	25.9	3
2400	Pioneer P8193HR	W B R L O					89	24.3	1	103	87	24.9	0	91	23.7	1
2450	PRIDE Seeds A4880G3	B D R	93	25.2	3	102	97	26.2	2	103	98	27.3	0	96	25.1	5
2475	Pioneer P8210HR	W B R L					90	27.4	1	101	84	29.4	0	96	25.5	2
2475	PRIDE Seeds A4914G2	B R O					92	27.6	1	104	96	29.7	0	89	25.5	2
2500	Horizon HZ 750		96	30.1	4	96	90	31.9	2	96	89	33.2	0	91	30.6	4
2525	Hyland, Mycogen 8166RA	W B D R L O	99	27.2	2	100	99	27.3	2	102	105	28.0	0	93	26.6	3
2525	Maizex MZ 2333DBR	B R O					100	28.0	0	99	105	28.3	0	95	27.8	0
2550	DEKALB DKC34-46	R					103	26.8	2	100	98	27.7	0	108	25.9	5
2550	Elite 33K99 RR	B D R	94	26.5	2	102	93	28.1	3	103	92	30.8	0	93	25.4	5
2550	Maizex MZ 211X		109	27.6	6	99	108	29.0	2	99	103	31.0	0	113	27.0	4
2550	Pioneer P8651HR	W B R L					93	27.4	0	103	89	29.5	0	96	25.4	0
2575	DEKALB DKC35-43	B D R	99	27.2	1	102	97	27.4	0	102	94	30.2	0	99	24.6	1
2575	PRIDE Seeds A5120G2	B R O	103	26.1	1	99	104	27.3	0	100	104	28.7	0	103	25.9	1
2600	DEKALB DKC36-65	B R O					103	27.8	6	101	101	30.0	0	104	25.5	12
2600	Elite 39C52 RR	B R O	94	26.7	3	100	97	27.7	4	102	98	30.3	0	96	25.1	7
2600	Hyland, Mycogen 8180	W B D R L					100	29.9	0	96	103	30.4	0	97	29.5	0
2600	PICKSEED 2642CB/LL/RW	B D L	107	26.7	9	99	109	27.7	1	100	110	29.4	0	109	26.0	3
2600	Pioneer P8622HR	W B R L O	105	28.0	3	97	105	28.4	1	98	110	29.1	0	101	27.8	1
2625	Country Farm CF214	B R L	100	28.9	4	98	102	29.6	1	98	99	31.0	0	105	28.2	3
2625	Country Farm CF230						105	28.8	1	98	110	29.2	0	99	28.4	1
2625	NK Brand N17P-3000GT	B D R L					102	27.4	1	100	101	28.0	0	102	26.7	2
2625	PICKSEED 2616VT2P	B R O					103	27.9	2	100	105	28.8	0	102	27.1	3
2625	PRIDE Seeds A5433G3	B D R					106	30.2	2	101	106	31.1	0	105	29.2	4
2650	DEKALB DKC37-41	W B D R L O	105	29.2	3	99	101	30.8	5	99	100	31.9	0	103	29.8	9
2650	Hyland, Mycogen 8202RA	W B D R L O					105	31.3	1	96	105	32.8	0	105	29.7	2
2650	Maizex MZ 266X						109	27.9	2	99	112	29.4	0	106	26.5	4
2650	Maizex MZ 2988DBR	B R O	106	29.0	1	97	105	29.3	1	98	107	31.4	0	102	27.1	3
2650	NK Brand N19G-3111	W B D R L					102	29.1	0	100	101	30.1	0	103	28.1	1
2650	PICKSEED 2629GT/CB/LL	B R L	100	27.0	7	102	99	28.1	3	102	97	29.2	0	101	26.9	6

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				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2650	Pioneer	P8906AM	W B R O					95	30.6	1	98	92	32.2	0	98	29.0	3
2650	Pioneer	P8906XR	W B D R L					101	29.7	3	101	98	32.2	0	104	27.2	6
2675	Country Farm	CF266	R	104	27.8	1	98	101	28.9	1	98	104	31.1	0	97	26.7	2
2675	DEKALB	DKC38-03	B R O					110	30.5	15	100	111	30.9	0	109	30.1	30
2675	DEKALB	DKC38-26	B D R	102	27.9	3	100	103	28.7	5	101	98	31.1	0	108	26.2	9
2675	Elite	45P33 FLR	B R L					111	29.4	3	97	112	30.2	0	110	28.6	7
2675	Elite	E58L17 R	R					105	32.3	2	97	107	32.4	0	104	32.1	3
2675	Hyland, Mycogen	8234RA	W B D R L O	100	27.9	1	98	100	28.9	1	97	99	30.6	0	101	27.1	1
2675	PICKSEED	2750RR	R	113	29.3	2	98	109	30.0	3	98	110	30.6	0	108	29.4	6
2675	PRIDE Seeds	A5624G3	B D R	102	28.8	2	99	97	30.0	0	98	89	32.0	0	105	28.0	1
2700	Maizex	MZ 3020CBR	B D R	105	31.1	2	99	103	31.7	3	99	110	33.6	0	96	29.9	6
2700	Pioneer	P9329HR	W B R L O					99	31.3	2	100	97	32.7	0	102	29.9	5
2725	DEKALB	DKC40-22	W B D R L O	108	30.4	4	99	107	30.7	5	100	113	32.5	0	103	28.9	10
2725	Elite	28S60 FLR	W B D R L O					103	32.3	2	98	103	34.3	0	102	30.2	3
2750	Pioneer	38N94AM	W B R O					104	30.6	7	98	106	31.3	0	103	30.0	15
2775	DEKALB	DKC42-72	B D R	110	30.9	1	97	111	31.4	1	98	111	32.9	0	110	29.8	3
2800	Pioneer	P9411HR	W B R L					108	29.8	1	99	103	31.4	0	113	28.1	1
LSD (0.10) for Yield Index Points*				5				7				11			8		
Average all hybrids **				186	27.6	3	67	185	28.8	2	68	177	30.1	0	192	27.4	5

¹ Alma 2011-2012, Orangeville 2011-2012

² Alma, Orangeville

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

* 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.