

Table 2: 2550 - 2750 C.H.U. Area

Brand and/or Hybrid		2003 - 2004 Averages					2004 Trial Averages				Results of 2004 Performance Trials								
		Average of 5 Trials (Elora '04, Pakenham '03-'04 Wingham '03 - '04)					Average of 3 Trials (Elora, Pakenham Wingham)				ELORA			PAKENHAM			WINGHAM		
		Notes	Yield	Moist.	Brkn	Test Wt.	Yield	Moist.	Brkn	Test Wt.	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn
			Index	%	Stk %	Index	Index	%	Stk %	Index	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt
	Pioneer 39H85	B5	97	26.8	5	101	98	26.2	2	102	109	27.9	6	92	25.6	0	96	25.2	0
	Maizex MZ 226		94	27.4	6	100	95	27.5	4	100	93	30.3	9	100	25.5	2	91	26.6	0
	Pioneer 38D80	R					100	28.4	4	101	105	30.4	6	93	25.9	5	103	28.8	0
	Direct D21Bt	B1					95	27.2	7	102	93	29.5	20	97	24.8	0	92	27.2	0
	Elite 58M22 LL	B2	101	28.6	6	102	102	29.8	1	102	99	34.1	3	104	26.2	0	101	29.0	0
	Dekalb DKC33-11	R B1					97	26.9	0	102	108	28.4	0	88	23.9	0	97	28.3	0
	Maizex MZ 2452Bt	B1	105	29.4	4	102	105	30.2	3	102	104	32.7	10	109	28.4	0	102	29.4	0
	NK Brand N15-P6	B2	90	26.2	5	101	90	26.1	2	101	86	27.5	6	94	25.8	0	88	24.9	0
	Pickseed 2535LL	L					99	29.7	1	101	100	33.0	0	95	25.1	2	103	30.9	0
	Pioneer 39D81		97	27.9	11	100	101	28.3	5	100	105	30.3	13	96	26.8	2	102	27.9	0
	Hyland HL B258	B1					104	30.4	4	101	100	32.1	12	112	28.0	0	97	31.0	0
	Maizex MZ 2263Bt	B1	99	27.4	4	100	97	27.5	4	100	98	29.8	11	102	26.3	0	88	26.3	0
2	NK Brand N16-N7	B2	91	26.8	1	102	87	27.6	0	102	86	31.1	1	91	24.2	0	82	27.4	0
6	Mycogen 2P172	R	103	29.5	4	100	106	30.5	2	100	108	31.9	3	102	29.1	1	108	30.5	0
0	Mycogen 2R194	R B1					100	31.1	7	100	99	31.6	21	97	29.7	0	104	32.0	0
0	Pickseed 2774BtRR	R B1					98	27.9	3	100	94	32.1	6	104	26.3	1	94	25.4	0
	Pioneer 39F27						99	28.5	1	100	109	30.7	3	99	27.5	2	91	27.3	0
	Pioneer 39K37	R B1					108	29.7	4	100	112	30.5	13	109	28.0	0	104	30.5	0
	Pioneer 39K39	R					102	28.8	4	99	107	30.2	8	95	27.7	2	105	28.6	0
	Pioneer 39K40		103	28.6	6	100	102	29.3	4	100	106	30.8	10	100	27.7	1	101	29.3	0
	Elite 60T06	B1	99	29.8	7	101	99	30.9	3	101	102	33.8	10	99	28.8	0	95	30.2	0
	Pickseed 2603Bt	B1												105	29.8	1	99	31.4	1
	Maizex MZ 276		96	27.9	4	101	97	29.2	2	101	98	30.7	7	94	26.2	0	98	30.7	0
	Elite 25T17 RR	R					102	31.7	2	100	97	33.9	7	103	29.3	0	103	31.9	0
	Pickseed 2579						98	29.6	1	99	94	31.7	3	92	28.4	0	106	28.7	0
	Pioneer 39D82	B1	102	28.4	3	100	104	28.3	0	101	115	30.5	0	100	26.8	0	99	27.6	0
	Dekalb DKC35-03	B1					99	27.7	2	101	101	32.1	7	91	24.4	0	105	26.7	0
	Hyland HL R228	R					97	27.7	2	100	93	30.1	5	96	26.6	0	100	26.4	0
	Hyland HL 2288						93	27.8	3	100	96	29.8	6	94	26.4	3	90	27.2	0
2	Direct H-6395		100	27.8	3	100	98	28.3	1	100	102	29.9	1	101	25.4	1	92	29.6	0
6	Maizex MZ 27-77BtRR	R B1	101	29.5	3	100	95	30.0	5	100	98	30.9	14	93	27.5	0	94	31.6	0
5	NK Brand N22-Q4	L2	91	28.4	5	101	91	28.4	1	101	88	28.9	1	94	26.3	2	89	29.9	0
0	NK Brand N22-T8	B2	103	29.2	2	101	102	30.3	2	101	93	31.7	5	106	27.4	0	105	31.7	0
	Mycogen 2E212		91	28.1	4	99	91	28.2	2	99	88	29.9	2	87	26.7	3	98	28.0	0
	Pioneer 38G16	R					103	30.3	3	100	113	31.9	7	95	30.0	1	103	28.9	0
	Pioneer 39F28	B5					106	30.1	0	100	105	30.8	1	107	27.9	0	106	31.6	0
	Pioneer 39K41	B1	103	29.4	4	100	105	29.9	3	100	109	30.2	10	102	27.5	0	103	32.0	0
	Pride A5362Bt	B1	99	27.6	3	100	97	27.8	4	100	93	29.9	10	99	26.3	0	98	27.2	1
	Direct D47Bt	B1					97	27.8	2	100	92	31.4	5	105	26.0	0	93	25.9	0
	Hyland HL B264	B1					98	27.8	2	100	92	31.6	6	103	27.3	0	96	24.6	0
	Hyland HL 2371		95	30.5	8	100	98	31.4	5	99	80	33.7	15	103	28.4	0	106	32.2	0
	Maizex MZ 242		106	30.1	7	99	106	31.0	4	100	101	34.5	10	106	27.5	3	109	30.9	0
	Maizex MZ 27-10RR	R	97	29.5	6	100	99	30.8	2	100	99	31.8	4	98	28.6	1	99	32.0	0
	Country Farm CF288						89	27.6	3	100	93	30.0	6	91	26.2	2	84	26.6	0
	Direct D38RRBT	R B1	106	29.3	2	99	106	30.7	3	99	108	32.1	8	103	28.6	0	109	31.4	0
	Direct H-6495BT	B1	104	28.8	2	99	103	29.9	3	99	106	30.8	10	103	26.9	0	100	31.9	0
	Pride K196		96	30.6	6	100	93	31.6	3	100	89	33.8	8	94	30.1	0	93	30.8	0
	Maizex MZ 278		93	30.4	9	100	91	31.1	3	100	89	33.0	8	94	28.9	2	90	31.3	0
	Maizex MZ 2902Bt	B1	97	29.7	3	99	97	29.8	2	99	101	31.4	7	96	29.4	0	95	28.7	0
	NK Brand N2555Bt	B2	105	28.8	8	100	104	28.4	9	101	94	29.8	26	108	29.1	0	107	26.2	0

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			Average of 5 Trials				Average of 3 Trials				ELORA			PAKENHAM			WINGHAM			
			Yield Index	Moist. %	Brkn Stk %	Test Wt. Index	Yield Index	Moist. %	Brkn Stk %	Test Wt. Index	Yield Index	Moist. %	Brkn Stk %	Yield Index	Moist. %	Brkn Stk %	Yield Index	Moist. %	Brkn Stk %	
N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt					
NK Brand	N25-J7	B2	102	28.2	1	101	103	27.9	1	101	101	30.3	2	108	25.5	0	97	28.0	1	
NK Brand	N25-Y2	L2	100	29.2	7	100	100	29.3	5	101	100	29.6	11	100	29.9	2	99	28.5	1	
Country Farm	RK232		96	30.0	4	99	97	31.7	2	99	95	34.3	4	95	28.8	1	100	32.0	0	
2	Mycogen	X23301					108	32.6	3	98	108	33.3	8	100	33.4	2	118	31.2	1	
7	Mycogen	2R282	R				101	31.5	4	99	95	34.2	11	98	28.5	1	108	31.7	0	
0	Mycogen	2610		94	30.4	3	100	91	31.2	2	100	91	33.5	6	91	29.3	0	89	30.9	0
0	Pickseed	2655Bt	B1	98	30.1	8	100	98	31.1	6	100	89	32.3	19	106	29.9	0	96	31.1	0
	Pioneer	38G17	B1	101	30.4	2	99	103	31.2	3	99	106	32.6	8	95	29.9	0	108	31.1	1
	Pioneer	38G60		106	29.8	6	99	108	30.3	2	99	110	31.4	5	108	28.8	1	106	30.7	0
	Pioneer	38R69		104	31.0	6	99	107	32.0	4	99	109	33.0	10	101	31.0	1	113	31.9	0
	Pioneer	38R92		103	30.8	5	100	104	31.6	4	99	109	32.2	9	105	32.5	2	97	30.2	0
	Pioneer	38W21					106	30.5	2	101	109	32.5	5	100	29.1	2	110	30.0	0	
	Pioneer	38W22	B5				111	32.9	2	100	111	34.3	6	110	32.0	0	111	32.4	0	
	Pride	A5672RR	R											102	28.1	1	101	32.0	0	
	Country Farm	CF235					102	30.6	1	99	102	31.4	1	99	29.6	0	105	30.9	0	
	Country Farm	CF299YGCB	B1				99	27.3	1	100	101	29.3	3	100	26.4	0	95	26.2	0	
	Dekalb	DKC37-12		108	29.4	2	100	112	30.7	1	100	116	33.7	1	110	28.0	0	111	30.4	0
	Pride	82A71Bt	B1	106	28.8	4	100	104	29.6	2	100	104	31.6	7	102	30.1	0	105	27.0	0
	Hyland	HL B278	B1				89	27.3	11	100	85	29.6	32	92	25.5	0	89	26.9	0	
2	Country Farm	RK232YGCB	B1	100	28.7	2	99	96	28.5	2	100	103	30.9	5	97	27.0	0	90	27.7	0
7	Mycogen	2T300	B5	95	31.2	1	100	93	32.2	0	100	91	34.1	1	92	30.2	0	97	32.2	0
5	NK Brand	8945		96	31.5	4	99	97	32.8	1	99	103	34.4	2	95	32.7	0	94	31.3	0
0	Maizex	MZ 3055Bt	B1											102	27.2	0	105	32.8	0	
	Pickseed	2735Bt	B1											100	31.9	0	105	32.9	0	
	Pride	A6383Bt	B1				97	30.6	3	100	96	32.8	8	103	32.0	0	91	27.1	0	
	Direct	D46					104	32.5	2	101	98	34.7	6	97	31.2	1	115	31.7	0	
	NK Brand	N27-M3	B2	101	30.4	5	100	100	31.7	7	100	93	33.2	21	105	31.3	0	99	30.7	0
	Mycogen	2G316	R B1	98	31.9	1	99	97	33.6	0	98	94	35.0	1	98	33.6	0	97	32.3	0
	Pioneer	38W36	B1	110	31.0	2	99	113	32.0	2	99	113	33.4	7	112	30.0	0	113	32.5	0
	Mycogen	2K350	R B1											110	29.8	0	105	33.1	0	
2	Dekalb	DKC39-46	B1	106	30.4	1	99	107	31.9	0	99	101	34.0	1	108	29.6	0	109	32.0	0
8	Pride	K282					96	31.1	2	100	103	32.4	5	100	29.8	0	85	31.2	0	
0	Mycogen	2T336	R B1				105	31.8	10	99	100	33.4	30	101	29.5	0	112	32.4	0	
0	Pioneer	38P04	B5	109	31.7	3	99	108	32.7	3	99	104	33.5	8	109	31.2	0	110	33.3	0
	Pioneer	38P05		104	29.6	6	100	103	30.3	5	99	109	32.1	15	105	28.8	1	96	29.9	0
	Mycogen	2E390	B5											105	33.1	0	91	30.9	0	
	LSD(0.10) for Yield Index Points*		3				4				6			6			8			
	Average all hybrids** (Bt and Non-Bt)		177	29.3	4	64	173	29.8	3	62	141	31.7	8	201	28.3	1	178	29.8	0	
	European Corn Borer Pressure										Low			Low			None			

Yield indices for all hybrids are based on the average yield for the whole trial (or trials) (i.e. including both Bt and non-Bt hybrids)

* 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.