

Table 1: 2400 - 2600 C.H.U. Area

		<u>2007 - 2008 Averages</u>					<u>2008 Trial Averages</u>				<u>Results of 2008 Performance Trials</u>					
		Average of 4 Trials (Alma '07-'08, Orangeville '07-'08)					Average of 2 Trials (Alma, Orangeville)				ALMA			ORANGEVILLE		
Brand and/or Hybrid	Notes	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%	
		Index	%	Ldg	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt	
Pioneer	39Z69	R1 B5				104	26.9	1	101	104	24.4	1	105	29.4	0	
NK Brand	N05-C7	B2	81	25.8	7	101	82	27.5	9	101	82	25.3	8	82	29.8	11
Pioneer	39B94	R1 B5	103	23.6	0	102	106	25.6	0	102	106	23.8	0	106	27.4	0
NK Brand	N06-C1	B2								discarded - predator damage		77	26.1	21		
2 Elite	25T27 RR	R1				109	32.7	1	98	111	31.5	2	107	33.8	0	
3 Elite	20T18 RR	R1 B1				88	27.6	5	100	90	26.2	8	87	29.0	3	
5 Pioneer	39D97	R1 B5	101	23.1	0	102	102	25.2	0	102	102	24.1	0	101	26.2	0
0 Speare	6730					92	27.3	3	101	88	25.3	5	97	29.3	2	
NK Brand	N09T-CB/LL/RW	B2 B7				87	26.1	3	102	83	23.5	5	91	28.7	2	
Mycogen	2J086	R1	86	25.2	4	101	85	27.0	4	101	84	24.1	4	85	29.9	5
Maizex	MZ 1754Bt	B1	94	25.6	3	100	93	27.5	3	100	91	25.4	6	95	29.7	1
2 Maizex	MZ 17-05RR	R1	90	25.2	1	100	91	26.5	1	100	82	25.5	1	102	27.6	0
4 NK Brand	N11K-GT	R2	78	24.5	2	101	78	27.4	1	101	75	24.2	2	83	30.6	0
5 Elite	25T87 RR	R1				97	28.3	4	100	94	25.6	5	101	31.0	3	
0 Pioneer	39K19	R1 B5	101	25.8	0	101	107	27.6	0	101	107	25.1	0	107	30.1	0
Pioneer	39V08	R1 B5 B7				99	26.3	1	101	95	24.1	2	104	28.6	0	
Pride Seeds	A4705HMRR	R1				106	30.1	1	99	109	28.3	0	103	31.9	1	
Farmed Right	FNA-R-G 250					88	29.6	2	100	82	26.1	3	94	33.0	1	
2 Hyland	HL B22R	R1 B1				102	28.4	0	100	103	25.8	1	101	30.9	0	
5 Horizon	HZ 750					102	28.3	1	100	101	26.0	1	103	30.5	2	
0 NK Brand	N14D-CB/LL	B2	106	27.7	2	99	110	29.8	2	99	109	27.4	2	112	32.2	3
0 Elite	X3754	V3 B1				84	26.7	1	101	80	24.3	1	88	29.1	0	
Elite	25T07 RR	R1	88	24.9	2	101	85	27.1	2	101	84	24.9	2	85	29.3	1
Maizex	MZ 1858R	R1				100	28.7	3	100	99	25.7	5	100	31.7	1	
Dekalb	DKC33-72	R1	101	24.6	2	101	100	26.3	1	101	100	24.2	1	101	28.4	1
2 Horizon	HZ 780Hx	B5				106	30.4	1	99	109	27.9	1	102	32.8	0	
5 Maizex	MZ 18-64Bt/RR	R1 B1	107	28.3	0	99	106	30.4	1	99	108	27.4	1	104	33.5	0
5 Maizex	MZ 226		98	25.6	2	100	98	27.3	2	100	96	25.7	3	101	28.9	1
0 Mycogen	2K152	R1				102	30.1	1	99	100	27.3	1	104	32.9	0	
Pickseed	2594RR	R1				103	31.1	0	99	102	28.0	0	104	34.2	1	
Elite	58M22 LL	B2	101	26.6	0	100	101	28.9	0	100	103	25.3	0	100	32.5	0
Pride Seeds	A5110G3	V3 B1				106	30.2	0	99	105	27.2	0	107	33.3	0	
Dekalb	DKC33-11	R1 B1	95	25.5	0	101	96	28.0	0	100	95	25.8	0	98	30.1	0
Dekalb	DKC33-73	R1 B1	100	25.7	0	100	104	27.8	0	100	104	25.9	0	105	29.7	0
Maizex	MZ 2276R	R1				93	27.3	1	100	91	25.4	1	96	29.2	2	
NK Brand	N15-A9		96	25.1	3	101	98	27.4	3	101	92	24.6	2	104	30.1	3
Mycogen	2K154	R1 B5	106	28.8	0	99	103	31.6	0	99	105	29.3	0	102	33.8	0
Country Farm	CF208R	R1	104	28.0	1	99	105	30.8	1	99	105	29.5	1	106	32.0	0
2 Maizex	MZ 2263Bt	B1	98	27.0	1	99	92	28.7	1	100	93	26.1	3	92	31.3	0
6 NK Brand	N16-M1	B2	102	25.9	0	100	110	28.2	0	100	110	25.4	0	110	31.1	0
0 Mycogen	2P172	R1	106	29.1	1	98	106	31.2	1	99	104	28.7	1	108	33.7	1
0 Mycogen	2P174	R1 B1	112	29.7	0	98	110	31.7	0	99	114	28.6	0	105	34.8	0
Pickseed	2774BtRR	R1 B1	102	26.3	0	99	97	28.1	0	100	97	26.0	0	98	30.3	0
Pride Seeds	A5131		101	25.4	3	100	96	27.1	2	100	94	25.4	3	98	28.9	2
Dekalb	DKC34-29	R1 B1								112	27.5	0	seed not available at planting			

Table 1 continued: 2400 - 2600 C.H.U. Area

Brand and/or Hybrid	Notes	2007 - 2008 Averages				2008 Trial Averages				Results of 2008 Performance Trials					
		Average of 4 Trials				Average of 2 Trials				ALMA			ORANGEVILLE		
		Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%
Index	%	Ldg	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg		
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt
Dekalb DKC35-18	R1	99	25.0	3	101	104	26.7	2	101	102	24.5	4	105	28.9	0
Pickseed 2688VT3	V3 B1	107	27.9	0	99	105	29.6	1	100	107	26.5	1	102	32.6	0
Pioneer 39D85	R1 B5	110	26.7	0	100	114	29.4	0	99	118	27.0	0	109	31.9	0
Dekalb DKC35-15	V3 B1					103	27.4	0	101	101	24.6	0	104	30.2	0
Hyland HL B29R	R1 B1					101	28.6	1	100	106	26.4	1	97	30.7	0
2 Hyland HL R230	R1					107	29.1	2	99	108	26.3	3	106	31.9	0
6 Pioneer 38B13	R1 B5	116	27.7	1	99	119	29.9	0	99	125	27.8	0	112	32.1	0
5 Pioneer 39B23	R1 B5					121	30.3	0	99	125	27.7	0	117	32.9	0
0 Pride Seeds A5365G3	V3 B1					93	28.9	0	99	96	26.7	1	90	31.2	0
Pride Seeds A5362Bt	B1	105	26.7	0	100	96	28.9	0	100	101	26.3	0	92	31.6	0
Dekalb DKC36-37	R1					103	28.2	1	100	100	25.3	1	107	31.1	1
Hyland HL B264	B1	106	26.1	0	100	102	28.0	0	100	104	25.3	0	100	30.8	0
Hyland HL CVR34	V3 B1					99	29.2	0	100	99	26.3	0	99	32.0	0
Hyland HL B34R	R1 B1					110	31.4	1	99	115	28.8	2	105	34.1	0
Hyland HL R228	R1					95	27.8	2	100	95	24.9	3	95	30.7	1

LSD(0.10) for Yield Index Points*

4

4

5

5

Average all hybrids**
(Bt and Non-Bt)

170

26.2

1

64

171

28.5

1

64

180

26.1

2

160

30.8

1

European Corn Borer Pressure

Low

Low

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.