

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

		2004 Trial Averages					Results of 2004 Performance Trials							
		Average of 2 Trials (Alma, Orangeville)					ALMA			ORANGEVILLE				
Brand and/or Hybrid	Notes	Yield		Moist.	Brkn	Test Wt.	Yield		Moist.	Brkn	Yield		Moist.	Brkn
		Index	Bt	%	Stk %	Index	Index	%	Stk %	Index	Index	%	Stk %	
		N-Bt	Bt				N-Bt	Bt			N-Bt	Bt		
Pioneer	39W55	B1	96	24.5	0	106	92	24.2	0	101	101	24.8	0	
Pioneer	39F59		110	24.7	5	104	101	25.3	5	119	119	24.0	4	
Pioneer	39F61	B1	106	25.4	3	102	108	25.0	0	105	105	25.8	7	
NK Brand	N03-D8	B2	67	23.0	1	106	56	21.9	1	80	80	24.0	1	
NK Brand	N05-C7	B2	86	26.4	8	103	76	24.8	5	97	97	28.0	11	
Pioneer	39T66	R B1	95	26.0	1	104	90	26.2	2	102	102	25.7	0	
Pride	A4175Bt	B1	104	26.0	1	102	99	25.1	1	111	111	26.9	1	
2	Maizex	MZ 130	101	25.0	2	104	100	24.0	2	101	101	26.0	3	
3	Pickseed	SilEx Bt	B1	95	26.8	5	100	95	26.0	2	94	94	27.6	9
0	Pioneer	39T70	B5	93	27.2	5	101	93	25.4	9	92	92	28.9	0
0	Elite	46T06	B1	94	28.2	1	104	93	27.3	1	94	94	29.1	1
	Maizex	MZ 18-02RR	R	95	24.9	2	105	92	24.8	0	97	97	24.9	3
	Mycogen	2P050	R	89	25.5	3	103	88	24.4	2	90	90	26.5	5
	NK Brand	N09-B3	L2	85	24.3	2	105	76	22.9	1	95	95	25.7	3
2	Dekalb	DKC29-98	R B1	101	27.4	1	101	94	26.3	1	110	110	28.4	1
4	Maizex	MZ 1754Bt	B1	103	26.6	1	101	102	26.0	1	104	104	27.2	1
0	NK Brand	N09-A5	B2	85	25.6	2	102	86	24.7	0	84	84	26.4	3
0	NK Brand	8951		105	27.7	2	103	107	26.5	1	103	103	28.8	4
	Pickseed	2351		103	27.4	1	105	103	26.7	0	104	104	28.0	3
	Hyland	HL 2222		104	27.2	2	100	102	26.8	0	106	106	27.6	4
	Mycogen	2K095	B5	102	27.9	0	101	98	26.9	0	108	108	28.8	1
	Pickseed	2365RR	R	92	25.8	2	104	93	24.9	2	91	91	26.6	2
	Pioneer	39H83	R	109	25.8	2	102	108	25.2	1	109	109	26.3	3
	Pioneer	39H84		102	26.2	4	101	104	25.2	2	99	99	27.1	7
	Pioneer	39R62		108	27.1	2	101	109	26.3	1	108	108	27.9	4
	Pride	A4741HM		108	30.6	2	99	108	29.7	2	108	108	31.5	2
	Dekalb	DKC30-02	R	90	25.4	3	103	86	23.6	5	94	94	27.1	1
	Maizex	MZ 18-64RR	R	110	28.7	1	97	116	27.7	0	103	103	29.7	1
	Pride	K115		101	27.4	2	103	102	27.1	0	100	100	27.6	4
2	Mycogen	2K117	B5	97	29.1	0	100	99	28.6	0	96	96	29.5	0
5	Pickseed	2585		96	30.2	3	98	97	28.5	1	95	95	31.8	6
0	Pioneer	39H85	B5	105	29.1	0	98	110	27.9	0	99	99	30.3	1
0	Hyland	HL 2232		105	28.5	3	101	103	28.6	0	109	109	28.3	6
	Maizex	MZ 226		97	29.5	3	96	101	26.2	2	91	91	32.8	5
	Pride	A5109Bt	B1	103	28.9	0	102	102	27.7	0	105	105	30.0	1
2	Mycogen	1877		99	27.8	2	102	102	26.6	0	96	96	28.9	3
5	Pickseed	2455Bt	B1	96	29.2	0	96	94	27.7	0	98	98	30.7	0
5	Pioneer	38D80	R	106	29.6	4	99	109	28.6	2	103	103	30.6	6
0	Direct	D21Bt	B1	102	26.5	4	103	100	26.4	2	103	103	26.6	7
	Elite	58M22 LL	B2	107	30.1	0	100	115	28.8	0	98	98	31.4	0
	Dekalb	DKC33-11	R B1	104	26.9	1	100	103	27.4	0	106	106	26.4	2
	Hyland	HL B260	B3	100	27.1	1	100	99	26.1	1	101	101	28.0	2
	Pride	K130Bt	B3	98	29.1	0	100	97	28.0	0	98	98	30.2	0
	Maizex	MZ 2452Bt	B1	107	29.7	0	102	109	30.1	0	105	105	29.2	1
	NK Brand	N15-P6	B2	96	26.1	0	102	88	24.3	0	105	105	27.9	0

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

Brand and/or Hybrid	Notes	2004 Trial Averages				Results of 2004 Performance Trials					
		Average of 3 Trials				ALMA			ORANGEVILLE		
		Yield Index	Moist. %	Brkn Stk %	Test Wt. Index	Yield Index	Moist. %	Brkn Stk %	Yield Index	Moist. %	Brkn Stk %
	N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		
Pickseed 2535LL	L	103	28.3	0	100	107	29.5	0	99	27.0	1
Pioneer 39D81		112	29.0	3	98	111	27.3	2	112	30.7	5
RAGT GUXXOR		102	28.6	3	97	104	28.8	1	100	28.4	5
Hyland HL B258	B1	107	29.2	1	101	109	29.9	0	103	28.5	2
RAGT MX329		100	29.7	3	95	101	29.7	0	100	29.6	6
2 Maizex MZ 2263Bt	B1	98	31.0	0	95	100	28.4	0	96	33.6	0
6 NK Brand N16-N7	B2	93	27.2	0	99	89	26.8	0	97	27.5	0
0 Mycogen 2P172	R	97	31.8	1	94	107	31.7	1	85	31.8	1
0 Mycogen 2R194	R B1	102	32.9	0	94	103	31.1	0	99	34.6	1
Pickseed 2603Bt	B1	107	30.6	1	100	108	30.1	0	106	31.1	1
Pioneer 39K37	R B1	109	31.3	0	98	112	30.4	0	106	32.2	0
Pioneer 39K39	R	106	29.3	1	99	106	29.3	1	107	29.3	1
Pioneer 39K40		113	31.0	1	97	116	29.4	1	109	32.5	2
Elite 60T06	B1	104	30.0	1	102	102	30.3	0	107	29.6	1
NK Brand 8981		101	29.9	2	94	99	28.4	2	103	31.4	2
Pride K162Bt	B1	101	30.7	1	103	101	30.4	0	100	30.9	1
Maizex MZ 276		94	30.3	0	97	99	29.9	0	88	30.7	0
Pickseed 2579		94	30.3	2	96	99	28.7	2	88	31.9	2
Pioneer 39D82	B1	105	30.6	0	96	109	29.2	0	100	32.0	0
2 Dekalb DKC35-03	B1	103	29.8	2	98	107	28.9	0	99	30.7	3
6 Hyland HL R228	R	97	29.7	1	96	98	27.7	2	95	31.6	1
5 Hyland HL 2288		99	30.1	1	95	100	27.1	0	98	33.1	2
0 Maizex MZ 27-77BtRR	R B1	101	31.3	0	97	105	29.9	0	95	32.7	1
Pride A5362Bt	B1	99	31.6	0	95	102	29.0	0	96	34.1	1
Hyland HL B264	B1	98	30.6	1	95	101	27.7	0	95	33.4	2
LSD(0.10) for Yield Index Points*		5				6			8		
Average all hybrids** (Bt and Non-Bt)		142	28.2	2	59	154	27.3	1	131	29.1	2
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.