

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

		<u>2006 - 2007 Averages</u>				<u>Results of 2007 Performance Trials</u>				
		Average of 3 Trials (Alma '06-'07, Orangeville '06)				ALMA				
Brand and/or Hybrid	Notes	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	
		Index	%	Ldg	Index	Index	%	Ldg	Index	
		N-Bt	Bt			N-Bt	Bt			
	Pioneer 39B93		91	22.8	4	102	93	17.6	2	104
	Pioneer 39D97	R1 B5					101	19.0	0	103
2	NK Brand N05-C7	B2	91	25.9	2	100	82	22.2	2	100
2	Pioneer 39B94	R1 B5					100	19.7	0	102
5	Pioneer 39B96	B5					89	20.1	0	102
0	Pioneer 39F60	R1 B1					94	20.1	2	102
	Maizex MZ 1266Bt	B1	94	24.6	4	101	93	21.5	1	101
	Maizex MZ 130		86	23.1	5	102	85	19.3	3	102
	Mycogen 2J086	R1	88	25.1	5	100	91	21.5	3	100
2	Maizex MZ 16-05RR	R1	100	25.8	3	100	111	23.3	2	99
4	Elite 20T16	B1	99	25.2	1	100	92	21.7	1	100
0	Dekalb DKC31-26	R1					88	20.8	2	101
0	Maizex MZ 1754Bt	B1	101	25.3	1	100	100	21.7	2	100
	NK Brand N11K-GT	R2					80	18.7	3	103
	Pioneer 39K19	R1 B5					92	22.0	1	101
	NK Brand 8951		90	25.2	5	101	90	23.0	5	100
	Pride Seeds A4741HM		101	29.2	4	98	105	25.9	3	97
	NK Brand N12-B6	B2					86	18.8	2	103
	Country CF195Bt	B1	97	25.7	2	100	96	21.8	3	100
2	Hyland HL B256	B5	99	25.0	0	101	102	21.6	0	100
5	Pride Seeds K115		85	25.3	4	100	81	22.4	1	100
0	NK Brand N14-CB\LL	B2					98	23.6	0	99
0	NK Brand N14-D8						96	23.7	6	99
	Elite 25T07 RR	R1	99	24.6	4	101	97	20.5	3	101
	Pioneer 39H86	R1 B5	97	25.1	1	101	92	19.8	1	102
	Pride Seeds A5022BtRR	R1 B1					92	24.0	0	98
	Pride Seeds A5109Bt	B1	93	25.3	0	101	90	21.8	0	101
	Dekalb DKC33-08		89	23.4	6	102	96	20.0	5	102
	Dekalb DKC33-72	R1	96	24.5	4	101	105	21.4	4	101
	Maizex MZ 18-64Bt\RR	R1 B1	111	28.5	0	99	112	24.0	0	98
	Maizex MZ 226		103	26.1	6	100	99	22.1	2	100
	Mycogen 2K150						103	22.5	1	100
	Pickseed 2513BtRR	R1 B1					110	25.4	1	97
	Elite 58M22 LL	B2	108	26.9	1	100	103	22.2	1	100
	Dekalb DKC33-73	R1 B1					95	21.4	0	101
	Dekalb DKC33-11	R1 B1	95	24.1	0	101	95	20.6	0	101
	NK Brand N15-A9		97	25.2	5	100	95	20.6	2	101
	Mycogen 2K154	R1 B5	114	27.4	0	99	113	23.3	0	99
	Pickseed 2535LL	L1	97	25.4	4	100	94	21.4	1	100
	Pickseed 2774BtRR	R1 B1	107	28.7	0	99	115	22.8	0	99
	Hyland HL B264	B1	111	27.0	0	99	117	22.4	0	100
2	Hyland HL 2288		101	26.0	6	100	104	21.8	3	100
6	Maizex MZ 2263Bt	B1					112	23.5	0	99
0	Maizex MZ 2276BR	R1 B5					98	23.0	0	99
0	NK Brand N16-M1	B2	105	26.3	0	100	87	21.3	0	101

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

			<u>2006 - 2007 Averages</u>				<u>Results of 2007 Performance Trials</u>			
			Average of 3 Trials				ALMA			
Brand and/or Hybrid	Notes	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	
										N-Bt
2 Mycogen 2P172	R1	106	28.9	2	98	109	24.8	0	98	
6 Mycogen 2P174	R1 B1	113	28.9	0	98	119	25.8	1	97	
0 Pickseed 2455Bt	B1	106	26.9	0	99	108	22.5	0	99	
0 Country CF208R	R1					103	22.5	2	99	
Pickseed 2637Hx	B5					102	26.8	0	96	
Pride Seeds A5131		106	26.6	7	99	114	21.9	4	100	
Dekalb DKC35-18	R1					92	21.7	5	100	
Pickseed 2622Bt	B1					110	22.1	0	100	
Pickseed 2687BtRR	R1 B1					114	24.5	0	98	
Pioneer 39D82	B1	105	26.4	1	100	112	21.8	0	100	
Pioneer 39D85	R1 B5	107	26.3	0	100	105	21.2	0	101	
Pioneer 38B13	R1 B5					113	23.2	2	98	
Pioneer 39B77	B5					105	23.0	0	99	
Pride Seeds A5362Bt	B1	116	26.8	0	99	125	22.3	0	99	

LSD(0.10) for Yield Index Points*

3

9

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

181

25.9

2

64

163

22.0

1

66

European Corn Borer Pressure

Moderate

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.