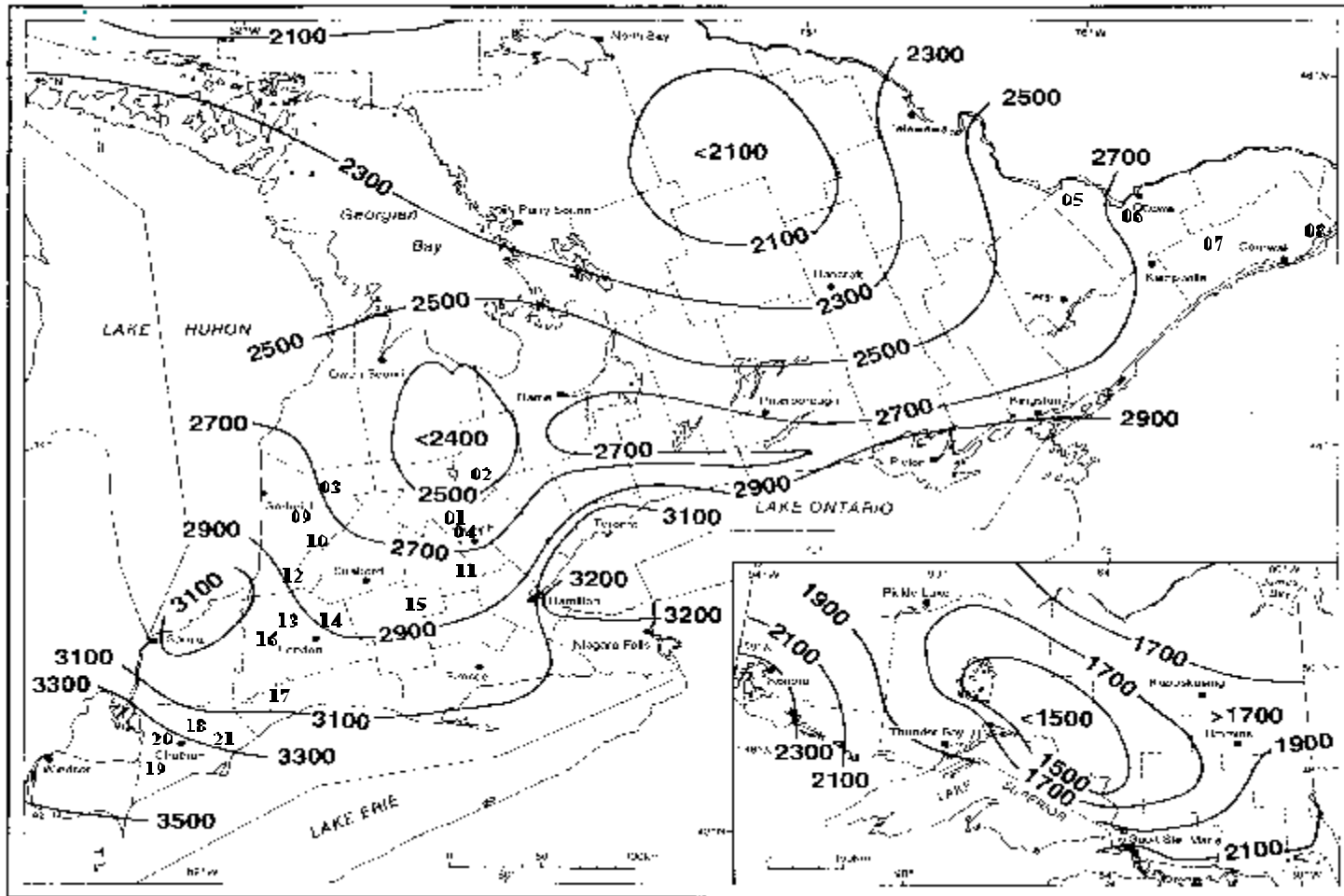


Ontario Hybrid Corn Performance Trials 2006 Crop Year

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Approximate Locations of Hybrid Corn Performance Trials

<u>Table 1</u>	<u>Table 2</u>	<u>Table 3 East</u>	<u>Table 3 West</u>	<u>Table 4</u>	<u>Table 5</u>	<u>Table 6</u>
01 Alma	03 Wingham	06 Ottawa	09 Blyth	12 Exeter	16 Kerwood	19 Tilbury
02 Orangeville	04 Elora	07 Winchester	10 Dublin	13 Ilderton	17 West Lorne	20 Grande Pointe
	05 Pakenham	08 Lancaster	11 Waterloo	14 Thorndale	18 Croton	21 Ridgetown
				15 Woodstock		

THE ONTARIO CORN COMMITTEE is made up of representatives of Agriculture and Agri-Food Canada, the Ontario Ministry of Agriculture Food and Rural Affairs, the University of Guelph, the Ontario Soil and Crop Improvement Association, the Ontario Corn Producers Association, the Seed Corn Growers of Ontario and the Canadian Seed Trade Association. Tests are conducted each year by the following cooperating agencies: Ridgetown College, University of Guelph, Ridgetown; Plant Agriculture Department, University of Guelph; Kemptville College, University of Guelph, Kemptville; and Agriculture and Agri-Food Canada at Ottawa.

TESTING METHODS

Hybrids entered in The Hybrid Corn Performance Trials are selected by the seed companies. A testing fee is charged per hybrid per replication. A hybrid must be entered in all trials within a table. In each trial, hybrids are replicated in a suitable experimental design. Trials are machine planted with an excess of seed and thinned at an early growth stage to obtain a uniform population. A row width of 30 inches is used in all trials. Virtually all of the hybrids entered in the 2005 - 2006 Performance trials were treated with Poncho 250 to control soil insects. Hybrids that were not treated with Poncho 250 are not identified in the report. There was no significant damage from soil insects at any of the locations. Immediately before harvest, a count is made of all plants broken below the ear and all plants which are leaning such that the ear is in the adjacent row or otherwise unharvestable to determine the percentage of broken stalks. The moisture percentage of the grain is determined at harvest time. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest, using monitoring equipment, or in

INTERPRETATION OF RESULTS

Within each table, hybrids are identified by brand and/or hybrid number or name. Hybrids are listed in approximate order of maturity based on heat unit ratings provided by the companies. Hybrid selection should be based on the most data available. Greater 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.

Yield - The yield data for Bt and non-Bt hybrids are presented in separate columns in the data tables, to assist growers in selecting hybrids without Bt protection for use in refugia or areas with low corn borer pressure. 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). Thus one can make direct comparisons between Bt and non-Bt hybrids in adjacent columns.

% Lodging - "Lodged Plants" includes plants with stalks that are broken below the ear and plants which are leaning such that the ear is in the adjacent row or otherwise unharvestable. Because all hybrids in a trial are harvested on the same date, the early hybrids within each table tend to show a greater amount of stalk breakage than do later hybrids. Stalk strength should be compared only with hybrids of the same maturity.

Index - The index in the tables indicates a percent of the average of all hybrids included in the trial(s). Index figures above 100 reflect the percentage by which a hybrid is above the average, whereas index figures below 100 show the percent below average. Small differences in index are not significant. When a hybrid consistently has a higher index over two years, this difference is probably real and should be considered when choosing a hybrid. The average yield for each table is given in bushels per acre. You can calculate the actual yield for a hybrid by multiplying the average yield times its yield index and dividing by 100. The average test weight is given in kg/hl (kilograms per hectoliter). You can calculate the actual test weight of a hybrid by multiplying the average test weight times its test weight index and dividing by 100.

LSD (0.10) - The LSD is a measure of variability within the trial. There is a ninety percent probability that yield indices that differ by an amount greater than the LSD are different. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

European Corn Borer Pressure - Four rows of each of two adapted non-Bt hybrids were planted adjacent to each Performance Trial. Ten plants were selected from each

Managing Bt Corn - When using Bt corn, it is imperative that a refuge area of non-Bt corn be planted near the Bt corn to reduce the risk of developing insect resistance to Bt. This refuge should be equivalent in area to at least 20% of the area planted to Bt corn. It can be achieved by planting strips at least 6 rows wide throughout the field or by planting block of non-Bt corn. The refuge area must be within 400 m of the Bt corn. The yield data for Bt and non-Bt hybrids are presented in separate columns in the data tables, to assist growers in selecting hybrids without Bt protection for use in refugia or areas with low corn borer pressure.

2006 TRIAL LOCATIONS AND GENERAL INFORMATION

Location	See Table Number	Heat Unit Rating	Heat Unit Total ¹	ECB Rating ²	Soil Type	Co-operator	Final plants per acre ³	Date Planted ⁴	Date Harvested
Orangeville	1	2500	2782	M	Sandy Loam	Woodrill Farms Ltd..	30000	May 01	October 24
Alma	1	2500	2859	H	Listowel Loam	Eastep Farms Ltd.	30000	May 04	October 21
Pakenham	2	2650	3002	N	Sandy Loam	W. Gillan & Sons	30000	May 09	November 01
Elora	2	2600	2876	M	Silt Loam	University of Guelph	30000	May 02	October 10
Wingham	2	2650	n/a	n/a	Harriston Loam	Glen Warwick	30000	trial discarded - herbicide failure	
Waterloo	3W	2750	2935	M	Sandy Loam	Rosendale Farms Ltd.	30000	May 03	October 16
Blyth	3W	2700	2970	L	Clay Loam	Heinrich Farms	30000	May 05	October 31
Dublin	3W	2700	3027	L	Silt Loam	Al Murray	30000	May 05	October 31
Winchester	3E	2800	3053	L	Clay Loam	U. G. - Kemptville Campus	30000	May 02	October 27
Ottawa	3E	2750	3107	L	Sandy Loam	Research Station	30000	May 04	October 17
Lancaster	3E	2800	3108	N	Silt	Peter VanSleeuwen	30000	May 05	November 03
Woodstock	4	2850	3118	L	Loam	University of Guelph	30000	May 05	October 25
Exeter	4	2850	3102	L	Clay Loam	Cliff Hicks	30000	May 03	November 02
Ilderton	4	2950	3089	M	Clay Loam	Ian Goudy	30000	May 04	November 01
Thorndale	4	3000	3093	L	Clay Loam	Pat Elliot	30000	May 04	November 01
West Lorne	5	3100	n/a	n/a	Clay	Sanden Acres Ltd.	30000	trial discarded - poor emergence	
Croton	5	3100	3387	M	Sandy Loam	Allan & Steve Ross	30000	May 01	November 06
Kerwood	5	3100	3133	L	Clay	Dave Bolton	30000	May 03	November 03
Ridgetown	6	3300	3482	L	Clay Loam	U. G. - Ridgetown Campus	30000	April 29	November 09
Grande Pointe	6	3350	3512	L	Clay Loam	Robert Devolder	30000	May 04	November 06
Tilbury	6	3400	3449	L	Clyde Clay	Dan Sullivan	30000	May 04	November 09

1 Total heat unit accumulation at location from day of planting to either occurrence of killing frost (-2 C) or 30-year average end-of-season date.

For more information on heat unit recording, refer to OMAF factsheet *Crop Heat Units For Corn And Other Warm-season Crops in Ontario*.

2 European Corn Borer rating - N = None L = Low M = Moderate H = High

3 These populations may not be suitable for your farm

4 All trials planted in 30 inch row widths.

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2006 Hybrid Corn Performance Trial Management Information

Location	Table	Previous Crop	Tillage		Soil Test			Actual Nutrients Applied (kg/ha)			Product	Herbicide Treatment			Rainfall (mm)					2006 C.H.U. Total		
			Fall	Spring	P	K	pH	N	P	K		Rate	Date	Method	May	Jun	Jul	Aug	Sep		Total	
Orangeville	1	W. Wheat	Soil Save	Cultivate	H	VH	6.9	12	80	80	Converge Pro Atrazine	165ml/ha 1.68L/ha	3-May 3-May	pre pre	105	30	100	52	133	420	2782	
Alma	1	Soybeans	Soil Save	Cultivate	VH	H	7.1	100	70	53	Marksman Frontier	3.75L/ha 1.25L/ha	29-May 29-May	post post	131	28	116	51	122	448	2859	
								poultry 12.5 t/ha fall applied														
Pakenham	2	Corn	Plow	Mulch	--	--	--	200	0	0	Accent Distinct	33g /ha .285kg/ha	14-Jun 14-Jun	post post	64	122	86	64	178	514	3002	
Elora	2	Barley	Soil Save	Cultivate	M	M	7.4	116	57	38	Primextra II Mag. Callisto	4.0L/ha 0.3L/ha	8-May 8-May	pre pre	87	48	113	52	122	422	2876	
Wingham	2	Soybeans	None	Cultivate	H	H	7.4	192	116	0	Accent 75 DF Attrex 480 Callisto	33.4g/ha 0.58L/ha 0.21L/ha	30-May 30-May 30-May	post post post	64	122	86	64	178	514	n/a	
Waterloo	3W	W. Wheat	Soil Save	Cultivate	VH	H	7.0	162	76	58	Battalion Elim Dual II Mag. Banvell II	55g/ha .625L/ha .625L/ha	25-May 25-May 25-May	post post post	118	34	147	58	114	471	2935	
Blyth	3W	Soybeans	Plow	Cultivate	M	VH	7.4	181	58	58	Callisto Attrex 480 Accent	0.21L/ha 0.58L/ha 33g/ha	30-May 30-May 30-May	post post post	--	41	86	91	104		2970	
Dublin	3W	Soybeans	None	Cultivate	VH	H	7.3	181	58	58	Callisto Attrex 480 Accent	0.21L/ha 0.58L/ha 33g/ha	30-May 30-May 30-May	post post post	52	71	56	116	76	371	3027	
Winchester	3E	Soybeans	Plow	Cultivate	H	H	6.0	184	33	13	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	24-May 24-May	post post	84	64	122	58	114	442	3053	
Ottawa	3E	Soybeans	Soil Save	Disc; Mulch	VH	M	7.1	168	22	20	Primextra II Mag. Ultim 75DF Distinct	3.3L/ha 33.7g/ha 285g/ha	2-May 5-Jun 5-Jun	ppi post post	84	101	20	82	114	401	3107	
Lancaster	3E	Corn	Plow	Cultivate	--	--	--	155	0	0	Ultim Marksman	33g/ha 2.5L/ha	31-May 31-May	post post	152	74	112	20	104	462	3108	
								Liquid Cattle 5500g/ac														
Woodstock	4	Barley	Plow	Cultivate	H	H	7.6	149	77	118	Primextra Callisto Accent	3.7L/ha 0.3L/ha 33g/ha	16-May 16-May 7-Jun	pre pre post	95	83	200	93	138	609	3118	
Exeter	4	Cereal	Plow	Cultivate	VH	VH	7.4	181	58	58	Primextra II Mag. Banvel II	3.5L/ha 1.0L/ha	26-May 26-May	post post	32	18	69	114	61	294	3102	
Ilderton	4	Soybeans	None	Cultivate	H	VH	7.4	181	58	58	Primextra II Mag. Callisto	3.5L/ha 0.3L/ha	10-May 10-May	pre pre	43	33	112	136	99	423	3089	
Thorndale	4	Cereal	Plow	Cultivate	M	H	7.0	181	58	58	Primextra II Mag. Banvell II	3.5L/ha 1.0L/ha	29-May 29-May	post post	57	23	33	104	66	283	3093	
West Lorne	5	Wheat	S. Save Disc	Cultivate	M	M	6.6	187	53	53	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	10-May 10-May	pre pre	112	56	191	71	144	574	n/a	
Croton	5	Soybeans	Soil Save	Cultivate	VH	VH	6.9	185	53	55	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	7-May 7-May	pre pre	107	56	128	93	60	444	3387	
Kerwood	5	Soybeans	Plow	Cultivate	M	VH	6.3	174	53	55	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	10-May 10-May	pre pre	89	55	120	98	78	440	3133	
Ridgetown	6	W. Wheat	Plow	Cultivate	VH	M	6.3	174	53	55	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	10-May 10-May	pre pre	61	50	98	75	108	392	3482	
Grande Pointe	6	Soybeans	Disc	Cultivate	H	H	6.5	187	53	55	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	10-May 10-May	pre pre	58	70	153	72	110	463	3512	
Tilbury	6	W. Wheat	Plow	Cultivate	H	H	7.5	187	53	55	Dual II Magnum Marksman	1.7L/ha 4.0L/ha	10-May 10-May	pre pre	89	72	139	66	103	469	3449	

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

Brand and/or Hybrid		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials									
		Average of 4 Trials (Alma '05-'06, Orangeville '05-'06)				Average of 2 Trials (Alma, Orangeville)				ALMA			ORANGEVILLE						
		Notes	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg			
		N-Bt	Bt					N-Bt	Bt					N-Bt	Bt				
	Pioneer 39B93					91	25.4	6	102	89	23.7	5	94	27.2	7				
	Pioneer 39F59		88	23.0	7	101	93	26.2	11	101	92	25.4	11	95	27.0	11			
	Pioneer 39F61	B1	94	23.1	0	101	94	26.2	1	101	93	24.9	0	96	27.4	1			
	NK Brand N05-C7	B2	89	24.8	2	100	96	27.8	2	100	94	26.2	1	98	29.4	2			
2	Maizex MZ 1266Bt	B1	87	24.2	3	100	96	26.2	5	101	92	24.0	5	99	28.4	6			
3	Maizex MZ 130		84	22.1	3	102	87	25.0	5	102	84	23.5	6	91	26.6	5			
0	Maizex MZ 133		82	23.0	5	101	85	25.9	7	101	81	23.8	7	89	28.1	6			
0	NK Brand N06-C1	B2					92	26.2	0	101	89	25.4	1	95	27.1	0			
	Maizex MZ 18-02RR	R1	83	22.6	5	102	82	24.8	7	102	80	23.2	8	85	26.4	6			
	Elite 20T18 RR	R1 B1					97	27.1	1	100	94	25.6	3	100	28.5	0			
	Mycogen 2J086	R1	92	24.0	4	100	87	26.9	6	100	83	25.5	6	92	28.3	6			
2	Maizex MZ 16-05RR	R1	93	24.4	3	101	96	27.0	4	101	95	24.1	5	97	30.0	2			
4	Elite 20T16	B1					104	27.0	1	100	106	25.6	0	102	28.5	2			
0	Mycogen 2K095	B5	97	24.6	0	100	103	27.0	0	100	100	25.5	0	105	28.6	0			
0	Maizex EX 16-65RR	R1					85	25.1	1	102	76	23.4	2	95	26.8	1			
	Maizex MZ 1754Bt	B1	102	25.0	0	100	103	27.1	0	100	102	25.4	0	104	28.7	0			
	NK Brand N8951		92	23.8	3	101	91	26.4	5	101	87	23.9	6	96	28.9	4			
	Pioneer 39H83	R1	97	23.5	4	101	95	26.5	4	101	97	24.9	3	94	28.0	5			
	Pride Seeds A4741HM		102	28.9	3	98	101	30.9	5	99	99	29.8	4	103	32.0	6			
	Dekalb DKC30-02	R1	84	22.2	2	102	82	24.7	3	102	76	23.3	5	88	26.1	2			
	Country CF195						98	26.5	7	100	96	24.9	6	99	28.2	7			
	Hyland HL B256	B1					98	26.6	0	101	100	24.8	0	97	28.5	0			
2	Pride Seeds K115		91	24.1	3	101	88	26.7	5	101	83	24.6	4	93	28.8	6			
5	Maizex MZ 17-05RR	R1	98	24.8	2	100	98	26.6	3	101	99	24.8	2	97	28.4	3			
0	Maizex MZ 18-64Bt\RR	R1 B1					112	30.7	0	99	121	28.5	0	103	32.9	0			
0	Croplan 184RR	R1					98	28.8	7	99	95	27.1	8	101	30.5	7			
	Elite 25T07 RR	R1	100	24.3	3	100	101	26.7	4	100	99	25.1	3	103	28.4	5			
	Pickseed 2475Bt	B1					95	26.8	0	100	95	24.7	1	94	29.0	0			
	Pioneer 39H86	R1 B5	110	28.7	1	98	101	27.8	1	100	101	26.7	0	101	28.9	1			
	Pride Seeds A5109Bt	B1	95	23.9	0	101	95	27.1	0	100	95	25.2	0	95	28.9	0			
	Country CF195Bt	B1					99	27.7	1	100	102	25.9	1	95	29.5	1			
	Dekalb DKC33-08		90	22.5	5	102	87	25.1	6	102	86	23.5	5	89	26.8	8			
2	Dekalb DKC33-72	R1					93	26.0	4	101	93	25.3	2	94	26.8	6			
5	Mycogen 2K154	R2 B5					117	29.4	0	99	119	26.9	0	115	32.0	0			
5	Croplan 229RR\BT	R1 B1	103	24.2	0	100	101	27.0	0	100	101	25.6	0	100	28.5	0			
0	Pioneer 38D80	R1	101	24.2	4	100	101	27.3	6	100	102	25.1	7	99	29.5	6			
	Pioneer 39A94						100	27.6	4	100	99	25.7	5	100	29.4	3			
	Elite 58M22 LL	B2	113	27.2	0	99	112	29.3	0	99	118	26.2	0	106	32.4	0			
	Dekalb DKC33-11	R1 B1	100	23.5	0	101	96	25.9	0	101	96	24.8	0	96	26.9	0			
	NK Brand N15-A9						99	27.5	7	100	100	25.2	7	99	29.8	7			
	Pickseed 2535LL	L2	100	25.1	3	100	100	27.4	5	100	102	25.5	6	97	29.3	5			
	Pickseed 2774BtRR	R1 B1	107	27.8	0	99	105	31.7	0	99	108	28.7	0	102	34.8	0			
	Pioneer 39D81		98	24.4	6	100	99	27.3	10	100	106	25.3	9	93	29.2	11			
	Hyland HL 2288		104	25.4	5	100	101	28.0	7	100	104	26.3	5	98	29.7	9			
	Hyland HL B262	B1	111	27.9	0	99	112	30.6	0	99	121	28.9	0	104	32.4	0			
	Maizex MZ 226		106	25.6	5	99	106	28.1	8	100	109	26.3	9	103	29.8	6			
	Maizex MZ 22-66RR	R1					103	28.7	8	99	101	26.8	9	106	30.6	6			
	NK Brand N16-M1	B2	111	25.6	0	100	115	28.9	0	99	116	27.0	0	113	30.7	0			
	NK Brand N16-N7	B2	107	25.5	0	100	105	28.7	0	99	109	26.7	0	101	30.6	0			
	NK Brand N8981		106	26.1	5	99	103	28.8	5	99	104	26.5	8	102	31.2	3			

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

Brand and/or Hybrid	Notes	2005 - 2006 Averages				2006 Trial Averages				Results of 2006 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
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt	
2 Mycogen 2P172	R1	109	27.8	2	99	106	31.0	3	99	103	28.5	5	110	33.5	2
6 Mycogen 2P174	R1 B1					111	30.5	0	99	114	28.1	0	109	32.8	0
0 Pickseed 2455Bt	B1	107	26.3	1	99	106	29.0	0	99	106	28.0	0	107	30.1	0
0 Pickseed 2603Bt	B1	109	27.3	1	99	109	29.9	1	99	110	28.0	1	108	31.8	2
Pioneer 39K37	R1 B1	109	26.0	0	99	106	28.6	0	100	108	26.9	0	104	30.3	0
Pioneer 39K39	R1	104	25.8	3	100	105	28.5	5	100	105	25.7	4	105	31.4	6
Elite 60T06	B1	103	28.2	1	98	103	29.9	2	99	99	28.2	4	109	31.6	1
Pride Seeds A5131						104	29.0	9	99	105	27.1	12	103	30.9	6
Pioneer 39D82	B1	102	25.1	1	100	104	28.7	2	99	106	26.6	2	102	30.8	1
Pioneer 39D85	R1 B5					109	28.8	0	99	111	27.2	0	107	30.4	0
Dekalb DKC35-02	R1 B1	102	24.9	0	100	103	27.0	0	100	104	25.4	0	101	28.5	0
2 Dekalb DKC35-03	B1	101	24.8	0	100	103	27.5	0	100	107	25.8	0	99	29.2	0
6 Dekalb DKC35-62	R1					99	28.2	7	100	100	24.9	6	99	31.4	8
5 Hyland HL B264	B1	114	26.3	0	99	110	29.3	0	99	111	27.6	0	109	31.0	0
0 Mycogen 2R194	R1 B1	108	27.4	0	99	109	29.7	0	99	109	27.1	0	110	32.3	0
Pride Seeds A5362Bt	B1	114	26.3	0	99	113	29.1	0	99	118	28.1	0	109	30.1	0
Mycogen 2D090						98	27.9	6	100	98	25.7	5	99	30.1	6
LSD(0.10) for Yield Index Points*		3				3				5			4		
Average all hybrids** (Bt and Non-Bt)		186	25.1	2	67	187	27.7	3	63	191	25.9	3	183	29.5	3
European Corn Borer Pressure										High			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.

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

Brand and/or Hybrid		2005 - 2006 Averages					2006 Trial Averages				Results of 2006 Performance Trials					
		Average of 5 Trials (Elora '05-'06, Wingham '05 Pakenham '05-'06)					Average of 2 Trials (Elora, Pakenham)				ELORA			PAKENHAM		
		Notes	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%
			Index	Ldg	Index	Index	Index	Ldg	Index	Index	Index	Ldg	Index	Ldg	Index	Ldg
	Pioneer 39H86	R1 B5	N-Bt 103	Bt 24.5	% 1	Test Wt. 99	N-Bt 87	Bt 24.2	% 0	Test Wt. 102	N-Bt 91	Bt 24.4	% 0	N-Bt 84	Bt 23.9	% 1
	Dekalb DKC33-08										83	23.8	2			
2	Dekalb DKC33-72	R1									89	22.9	1			
5	Pioneer 38D80	R1	90	21.6	3	101	94	24.0	3	101	90	23.9	5	98	24.2	1
5	Pioneer 39A94										87	23.9	3			
0	Elite 58M22 LL	B2	98	23.2	1	101	96	24.8	0	102	95	25.3	0	97	24.3	0
	Dekalb DKC33-11	R1 B1									90	23.6	0			
	NK Brand N15-A9						98	24.6	1	100	98	24.8	2	99	24.3	1
	Pickseed 2535LL	L2	96	22.8	0	100	94	24.6	1	100	88	24.8	1	100	24.3	0
	Pickseed 2774BtRR	R1 B1	99	23.6	0	100	99	26.3	0	100	102	28.2	0	97	24.4	0
	Pioneer 39D81		91	21.7	2	102	95	24.5	4	102	90	24.2	6	101	24.7	2
	Hyland HL B262	B1					95	26.5	0	100	101	27.4	0	90	25.5	0
	Maizex MZ 226		96	22.6	2	100	97	25.3	3	100	101	25.9	5	94	24.7	0
2	Maizex MZ 22-66RR	R1					89	24.8	2	99	101	24.6	3	79	25.1	2
6	NK Brand N16-M1	B2	97	22.6	0	101	98	24.5	0	101	101	25.2	0	95	23.8	0
0	NK Brand N16-N7	B2	93	22.2	0	102	89	23.9	0	103	90	23.8	0	89	24.1	0
0	Mycogen 2P172	R1	103	23.9	1	100	104	25.7	1	99	101	26.7	2	107	24.8	0
	Mycogen 2P174	R1 B1					105	26.0	0	100	109	27.1	0	102	24.9	1
	Pickseed 2455Bt	B1									104	28.0	0			
	Pioneer 39F27		98	22.3	1	100	94	24.7	2	100	98	24.6	3	92	24.8	1
	Pioneer 39K37	R1 B1	98	22.8	0	101	98	24.7	1	101	100	24.9	0	96	24.4	2
	Pioneer 39K39	R1	92	22.6	2	101	95	24.5	3	101	101	25.1	6	91	23.9	1
	Pioneer 39D82	B1	96	22.4	1	100	101	24.6	0	100	96	23.9	0	106	25.3	0
	Pioneer 39D85	R1 B5					97	25.1	0	101	102	25.6	0	94	24.5	0
	Dekalb DKC35-02	R1 B1									95	25.5	0			
	Dekalb DKC35-03	B1									96	26.2	0			
	Dekalb DKC35-62	R1					87	24.2	3	101	92	23.9	4	83	24.5	1
	Hyland HL B264	B1					97	26.1	0	100	100	27.2	0	95	25.1	0
	Maizex MZ 2263Bt	B1	101	23.5	0	100	101	26.2	0	100	107	27.0	0	97	25.5	0
2	Maizex MZ 242						96	28.0	2	98	88	30.2	4	105	25.8	0
6	Maizex MZ 27-77BtRR	R1 B1					95	24.5	0	101	97	24.9	0	94	24.2	0
5	NK Brand N22-Q4	L2	97	23.5	1	101	94	25.1	2	101	90	25.2	3	98	25.1	1
0	NK Brand N22-T8	B2	104	22.8	0	101	101	24.6	0	102	100	25.6	0	103	23.5	0
	Mycogen 2R194	R1 B1	101	23.9	0	100	98	25.4	0	100	99	26.0	0	99	24.8	0
	Croplan 238RR\BT	R1 B1					91	26.0	0	100	98	27.1	0	85	24.9	0
	Elite 25T17 RR	R1	103	23.7	1	100	102	25.6	3	100	98	26.2	4	107	24.9	1
	Croplan 253RR\BT	R1 B1	95	23.4	2	100	98	25.5	3	101	97	26.2	5	99	24.7	0
	Pioneer 38B12		107	22.9	2	99	105	25.4	2	99	110	25.5	5	102	25.2	0
	Pioneer 39F28	B5	98	23.5	0	100	95	25.6	0	100	97	25.9	0	94	25.3	0
	Pickseed 8526Bt	B1					103	27.5	0	98	100	28.8	0	106	26.2	0
	Pride Seeds A5362Bt	B1	101	22.8	0	100	98	25.1	0	100	103	25.3	0	94	24.9	0
	NK Brand N22-R5	R2 B2					98	27.0	0	100	100	28.6	0	97	25.3	0
	NK Brand N23-F7	B2					108	25.4	0	101	107	25.9	0	109	24.8	0
	Mycogen 2J271						100	25.5	0	100	97	26.7	1	104	24.2	0
	Pride Seeds A5672RR	R1	105	24.3	1	99	107	27.1	2	98	101	28.7	5	113	25.5	0
	Country CF299YGCB	B1	99	23.3	0	100	96	25.5	0	100	101	25.4	0	91	25.6	1
2	Pride Seeds K196		100	24.5	2	100	99	26.7	3	100	98	28.2	5	101	25.2	1
7	Maizex MZ 2866Bt	B1	101	24.3	0	99	104	26.4	0	99	99	26.8	0	109	25.9	0
0	NK Brand N25-J7	B2	104	24.0	0	100	105	26.3	0	100	109	27.2	0	101	25.4	0
0	NK Brand N8905		93	24.3	2	100	92	26.2	2	100	94	27.0	3	91	25.5	0

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

Brand and/or Hybrid	Notes	2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials					
		Average of 5 Trials				Average of 3 Trials				ELORA			PAKENHAM		
		Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt	
2 Elite 25T18 RR	R1					106	26.8	0	100	112	27.8	0	102	25.7	0
7 Pioneer 38R50										104	26.6	3			
0 Pioneer 38W22	B5	104	23.5	0	100	100	25.5	0	101	100	25.3	0	100	25.7	0
0 Dekalb DKC37-12		95	22.5	2	101	95	25.0	2	100	101	25.7	3	90	24.3	0
Dekalb DKC37-13	B1	98	23.2	0	101	95	26.4	0	100	106	27.4	0	86	25.4	0
Maizex MZ 27-00RR	R1	103	23.3	1	100	100	24.7	1	100	94	24.8	2	106	24.6	1
Country CF232RR						96	25.3	1	100	93	25.9	2	99	24.7	1
Dekalb DKC38-33	R1 B1					110	25.9	0	100	106	26.7	0	115	25.0	1
Dekalb DKC38-92	R1					107	26.6	1	99	105	27.5	1	109	25.8	1
Hyland HL B266	B1					102	26.8	1	100	110	27.6	0	95	26.0	2
2 Hyland HL B33R	R1 B1					104	26.5	0	100	106	28.1	0	103	24.9	0
7 Hyland HL R231	R1					101	25.3	1	100	102	25.9	2	100	24.7	0
5 Maizex MZ 287		99	25.7	1	100	102	27.2	2	101	103	28.8	3	102	25.6	0
0 NK Brand N25-D2	R2					101	28.5	2	100	95	29.5	3	108	27.6	1
NK Brand N25-P3	R2 B2					97	28.0	0	100	98	29.6	0	97	26.4	0
NK Brand N27-C7	B2					100	26.4	0	100	105	27.5	0	96	25.3	0
Country RK232YGCB	B1									97	25.4	0			
Elite 25T37 RR	R1	103	24.4	2	99	106	26.8	2	99	105	27.7	4	106	26.0	0
Pickseed 2735Bt	B1	109	25.7	0	99	110	28.9	0	99	109	30.5	0	113	27.3	0
Pioneer 38K46						109	28.9	2	97	109	29.4	4	110	28.4	1
Pride Seeds A6383Bt	B1	111	27.2	0	98	109	29.2	0	100	110	29.5	0	109	28.9	0
Maizex MZ 3055Bt	B1	104	23.8	0	99	102	25.4	0	100	109	25.7	0	96	25.1	0
Hyland Juxxin						114	28.2	4	99	110	29.3	7	118	27.0	0
2 Pride Seeds K282		103	25.6	2	99	102	27.2	3	100	98	28.1	5	105	26.2	1
8 NK Brand N27-W8	B2					114	26.2	0	99	107	26.3	0	122	26.1	0
0 Mycogen 2K350	B3	106	26.2	0	98	109	29.2	0	98	107	31.7	0	111	26.7	0
0 Pioneer 38M59	B1					107	29.0	0	99	113	30.8	0	101	27.2	0
Pioneer 38P05		107	24.5	2	99	105	26.3	1	100	103	26.1	1	108	26.5	0

LSD(0.10) for Yield Index Points* **3**

4

4

8

Average all hybrids**

209

23.6

1

69

216

26.0

1

68

209

26.5

2

221

25.3

0

(Bt and Non-Bt)

European Corn Borer Pressure

Moderate

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.

Table 3 East Continued: 2700 - 2900 C.H.U. Area

Brand and/or Hybrid		Notes	2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials									
			Average of 6 Trials				Average of 3 Trials				LANCASTER			OTTAWA			WINCHESTER			
			Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg	
Pioneer	38P03	R1	99	23.9	2	103	97	25.0	1	102	97	25.7	1	99	24.0	2	95	25.4	0	
Pioneer	38P05		98	24.2	2	100	98	25.5	2	99	103	26.1	2	103	25.0	4	89	25.3	1	
Pioneer	38P09	R1 B1	97	24.4	0	100	97	26.0	0	100	96	25.9	1	95	26.1	0	100	26.0	0	
Pickseed	4930Hx	B5	105	27.6	1	99	103	28.7	1	100	92	29.3	1	109	29.0	1	108	27.8	0	
Dekalb	DKC41-57	R1 B1 B6					102	25.2	0	100	102	25.4	1	106	24.8	0	98	25.3	0	
Dekalb	DKC41-61						105	25.6	3	100	105	26.0	3	111	26.0	3	98	24.9	3	
Dekalb	DKC41-64	R1 B1	104	24.4	1	100	104	25.6	1	99	105	25.8	2	106	25.4	1	99	25.6	0	
Hyland	HL R234	R1	97	24.5	3	99	99	26.1	2	100	104	26.5	2	95	25.8	3	99	26.0	2	
Pride Seeds	K293RR	R1	97	24.0	5	99	98	25.1	4	98	105	25.6	3	97	24.7	5	92	25.0	4	
Mycogen	2D324	R1 B1					99	26.7	1	99	105	28.0	4	97	26.2	0	96	25.9	0	
Country	CF392YGCB	B1	94	24.1	2	100	96	25.4	0	99	98	27.1	0	96	24.2	0	95	24.9	0	
Dekalb	DKC42-22	B1	101	25.0	1	100	102	26.3	2	101	102	27.7	6	107	25.4	1	97	25.7	0	
Dekalb	DKC42-71	R1 B1	104	25.5	0	100	103	26.9	0	100	107	28.4	0	105	26.2	0	98	26.0	0	
Hyland	HL B282	B1	102	26.0	1	100	101	28.5	2	100	98	30.4	4	102	28.3	1	103	26.8	0	
Maizex	MZ 310		101	25.8	3	98	101	27.7	3	98	110	28.6	1	95	27.0	7	99	27.5	2	
2	Maizex	MZ 31-03RR	R1	100	25.1	3	99	99	27.2	2	99	102	29.1	3	98	25.8	3	98	26.6	0
5	Maizex	MZ 38-60RR\YGPL	R1 B1 B6				100	26.4	0	99	103	26.8	0	104	27.4	0	93	25.1	1	
8	NK Brand	N3030Bt	B2	103	25.8	0	99	100	27.5	0	99	101	27.5	1	95	27.0	0	102	27.9	0
0	NK Brand	N8888		101	25.1	3	98	102	26.7	3	99	104	29.2	2	96	24.8	5	104	26.2	1
	Mycogen	2R416	R1	101	25.5	4	99	104	27.4	3	99	104	28.9	1	104	26.8	5	103	26.5	2
	Croplan	314TS	R1 B1 B6								104	26.8	1				103	25.3	0	
	Pioneer	38B85					103	27.2	3	100	100	27.7	4	98	25.8	5	112	28.1	1	
	Elite	44S21 RR	R1	103	25.5	3	102	104	27.7	2	102	99	30.0	1	107	26.3	4	104	26.8	2
	Pickseed	4955		99	25.3	2	99	97	27.4	2	99	99	29.8	2	95	25.9	3	98	26.6	1
	Country	CF488RCRW	R1 B6				97	29.2	1	99	97	31.0	1	95	28.8	2	98	27.8	0	
	Mycogen	2R424	R1 B1				109	28.2	0	100	117	30.4	0	108	27.1	0	103	27.1	0	
	Mycogen	2R426	B3	103	26.0	0	99	101	28.1	0	101	103	30.4	0	98	27.6	0	102	26.4	0
	Pride Seeds	A6686Bt	B1	105	26.6	1	100	107	28.9	0	102	108	31.0	1	112	28.4	0	101	27.2	0
	Pride Seeds	K303RR	R1	100	27.7	3	97	103	28.9	3	98	101	31.6	1	100	27.1	5	107	28.1	4
	Hyland	Laxxot Bt	B1	101	26.4	1	97	98	29.0	1	97	92	33.9	1	100	26.2	0	101	27.0	0
	Hyland	HL B286	B1	106	28.1	1	99	104	29.9	1	99	99	34.0	2	108	27.5	0	104	28.3	0
	Maizex	MZ 3888Bt	B1	105	25.9	0	100	105	27.8	0	100	100	30.2	0	112	26.3	0	101	26.9	0
2	NK Brand	N34-Y9					110	28.4	7	100	96	29.7	8	119	27.3	10	114	28.1	3	
9	Mycogen	2A496	R1								109	29.0	2				109	28.3	2	
0	Mycogen	2A498		111	29.6	1	100	108	31.4	1	102	107	33.3	1	109	30.9	1	109	29.9	1
	Pioneer	38A25	B1	109	25.7	1	101	110	27.0	0	101	107	28.4	1	115	25.5	0	108	27.1	0
	Pioneer	38A26	R1 B1	116	26.0	0	103	115	27.2	1	104	117	28.4	1	114	25.7	0	113	27.4	0
	Pioneer	38B84	R1	108	26.3	3	101	107	27.8	3	101	106	27.9	5	106	27.3	4	107	28.3	1
	Pioneer	38B86	R1 B5				105	29.2	0	98	100	30.3	0	107	28.9	1	106	28.3	0	
	Elite	44S22 RR	R1 B1	104	25.4	1	100	103	26.8	0	102	96	28.4	0	111	25.3	0	100	26.8	0
	Pickseed	4956Bt	B1	106	25.8	0	100	108	27.3	0	102	107	29.2	0	110	25.8	0	106	26.9	0
	Elite	90M28 LL	B2	105	26.2	2	102	107	27.7	2	104	111	29.3	5	108	27.3	0	102	26.6	0
	Country	CF488YGCB	B1				104	28.6	0	100	106	30.8	1	101	27.7	0	103	27.4	0	
	Dekalb	DKC44-92	R1				103	28.8	3	97	98	32.4	2	104	27.0	3	105	27.1	3	
	Dekalb	DKC46-27	B1	102	26.7	1	100	104	29.0	0	100	105	32.3	1	104	27.6	0	103	27.2	0
	Dekalb	DKC47-10	R1 B1	104	25.7	0	99	106	27.3	0	99	104	30.5	1	105	24.9	0	109	26.5	0
	Croplan	364BT	B1				106	28.4	0	100	106	30.0	0	103	27.9	1	108	27.3	0	

LSD(0.10) for Yield Index Points*
 Average all hybrids** (Bt and Non-Bt)
 European Corn Borer Pressure

3
 213 25.1 2 70 6
 214 26.6 2 71 9
 197 27.7 2 219 15
 None Low 227 26.4
 Low

Brand and/or Hybrid		Notes		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials								
				Average of 6 Trials (Dublin '05-'06, Blyth '05-'06 Waterloo '05-'06)				Average of 3 Trials (Dublin, Blyth, Waterloo)				BLYTH			DUBLIN			WATERLOO		
				Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%
				Index	%	Ldg	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt	
Pioneer	39F27			87	20.8	1	102	91	22.7	1	102	92	21.8	0	92	21.9	0	89	24.5	3
NK Brand	N22-Q4	L2		88	21.7	1	101	88	23.5	1	101	91	22.2	0	87	23.5	1	85	24.8	3
NK Brand	N22-T8	B2		91	21.0	0	102	89	22.3	0	102	88	21.7	0	92	21.5	0	88	23.7	0
Pioneer	38B12			96	21.1	3	102	97	23.1	6	101	98	22.5	13	91	21.9	1	103	24.9	4
Pioneer	39F28	B5		86	21.3	0	102	89	23.2	0	101	88	21.7	0	85	22.0	0	93	25.8	1
NK Brand	N23-F7	B2						103	23.2	1	101	103	21.9	2	99	22.1	0	107	25.7	0
NK Brand	N23-F9	L2						98	23.7	2	101	99	22.4	0	100	22.3	3	94	26.5	3
Country	CF299YGCB	B1		90	21.6	1	101	92	23.0	0	101	92	21.2	0	93	22.3	1	91	25.5	0
2	Maizex	EX 25-65RR	R1					101	24.4	3	101	99	22.3	4	107	22.7	0	97	28.1	5
7	Maizex	MZ 2866Bt	B1					94	23.5	3	101	89	22.4	7	87	22.3	0	105	25.8	1
0	NK Brand	N25-J7	B2					99	23.4	1	101	98	21.7	3	104	22.7	0	94	25.9	0
0	Pioneer	38R50						100	24.4	4	100	102	22.7	9	101	23.6	0	96	26.9	3
	Pioneer	38W22	B5					90	23.3	1	101	87	22.6	3	90	22.5	0	95	24.8	0
	Pickseed	4922BtRR	R1 B1					103	24.3	0	101	105	22.3	0	98	22.6	0	107	27.9	0
	Dekalb	DKC37-13	B1					90	23.3	0	101	91	21.7	1	91	23.0	0	88	25.3	0
	Maizex	MZ 27-00RR	R1	90	21.6	1	101	92	23.7	2	101	94	22.5	4	87	22.9	0	96	25.7	1
	Croplan	268RR	R1					81	23.5	3	101	77	22.0	4	84	22.9	0	83	25.5	6
	Country	CF232RR						94	22.4	4	102	92	21.6	6	98	21.2	2	91	24.3	4
	Dekalb	DKC38-33	R1 B1	100	22.3	0	101	100	24.2	0	101	106	22.8	0	99	23.1	0	96	26.7	0
	Dekalb	DKC38-92	R1					102	23.9	2	101	103	22.4	4	101	23.2	1	102	26.1	1
2	Hyland	HL B266	B1					95	24.2	0	100	87	23.3	0	94	23.0	0	102	26.2	0
7	Hyland	HL B33R	R1 B1					102	24.3	2	100	104	22.7	0	102	23.1	7	101	27.0	0
5	Hyland	HL R231	R1					92	24.1	2	100	91	23.4	5	89	22.9	0	94	26.0	2
0	Maizex	MZ 287		92	23.0	3	100	95	24.3	5	100	94	23.5	3	95	23.8	0	96	25.6	12
	NK Brand	N25-P3	R2 B2					91	25.9	2	99	92	24.5	6	91	25.0	0	92	28.2	0
	NK Brand	N27-C7	B2					94	23.0	1	102	88	21.7	0	97	22.9	1	95	24.4	1
	Country	RK232YGCB	B1	91	20.4	1	102	91	21.7	2	102	88	20.1	6	92	20.5	0	93	24.5	1
	Pioneer	38K46						101	25.3	1	99	98	24.4	2	105	23.8	1	101	27.6	1
	Pride Seeds	A6383Bt	B1	100	25.3	0	98	98	25.7	0	99	95	23.8	1	99	24.2	0	101	29.2	0
	Maizex	MZ 3055Bt	B1	94	22.0	1	101	98	24.2	0	100	98	22.8	0	99	23.2	0	99	26.5	0
	Maizex	MZ 38-77Bt\RR	R1 B1	96	22.1	1	101	96	24.2	0	100	95	23.3	0	93	23.3	0	100	26.0	1
	Country	CF401YGCB	B1	96	23.8	1	99	94	25.8	1	99	96	24.0	2	98	24.2	1	88	29.3	1
	Dekalb	DKC39-46	B1	101	22.4	0	101	104	24.1	0	101	105	22.5	1	104	22.3	0	102	27.5	0
	Dekalb	DKC39-48	R1 B1	103	22.4	1	101	104	24.4	0	100	109	22.3	0	102	23.4	0	102	27.6	1
	Dekalb	DKC40-56		97	22.7	1	100	102	24.9	1	100	107	23.1	2	99	23.1	0	99	28.6	2
	Dekalb	DKC40-57	B1	104	23.0	0	100	105	25.0	0	100	108	22.5	0	103	23.7	0	106	28.9	0
	Maizex	EX 31-62RR	R1					102	25.5	1	99	104	24.1	1	104	24.6	0	98	27.7	3
	Hyland	Juxxin		103	23.2	3	100	102	25.1	4	100	92	23.8	4	104	23.6	0	108	28.0	7
	Maizex	MZ 3254Bt	B1	99	22.9	1	100	98	25.2	0	100	101	22.8	0	100	23.6	1	94	29.3	0
	NK Brand	N27-W8	B2					103	23.8	0	101	108	22.9	0	91	22.1	0	109	26.5	0
8	NK Brand	N29-A2	B2	110	23.0	0	100	112	24.5	0	100	112	23.3	1	108	23.7	0	117	26.4	1
0	NK Brand	N29-G7	L2	102	23.0	2	100	105	24.9	3	100	110	23.0	2	107	23.9	1	100	27.8	8
0	Mycogen	2D322	R1					96	23.6	2	101	98	22.6	1	94	22.3	0	97	25.8	5
	Mycogen	2K350	B3	95	23.3	1	100	91	25.2	1	100	93	23.4	2	85	23.8	0	95	28.3	0
	Croplan	294		106	22.7	2	100	103	24.4	2	100	107	23.2	0	97	22.9	0	105	27.2	7
	Croplan	294RR\BT	R1 B1					105	25.8	0	99	113	24.2	0	97	24.2	0	105	28.9	0
	Croplan	296RR\BT	R1 B1					99	23.1	5	101	97	21.4	14	100	21.8	0	100	26.1	0
	Croplan	334Bt	B1	99	22.9	0	100	99	25.1	0	100	94	23.0	1	101	24.1	0	102	28.1	0
	Pioneer	38M59	B1					102	25.3	0	100	103	23.0	0	99	24.1	0	104	28.7	0
	Pioneer	38P03	R1					96	23.2	1	101	102	21.8	0	93	22.5	0	92	25.2	2

Table 3 West Continued: 2700 - 2900 C.H.U. Area

Brand and/or Hybrid		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials												
		Average of 6 Trials				Average of 3 Trials				BLYTH			DUBLIN			WATERLOO						
		Notes	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg			
Pioneer	38P05		96	22.3	2	100		97	22.9	3	101		98	22.0	0	96	21.6	1	95	25.2	7	
Pioneer	38P09	R1 B1						95	23.4	0	101		95	22.1	0	94	22.0	0	97	26.1	0	
Pickseed	4930Hx	B5	100	24.7	1	99		93	26.4	2	99		100	22.8	4	91	24.0	1	89	32.3	0	
Dekalb	DKC41-57	R1 B1 B6						101	24.0	2	101		101	22.4	6	100	22.4	0	101	27.3	0	
Dekalb	DKC41-61							104	24.3	5	100		104	22.8	6	106	23.5	0	101	26.5	10	
Dekalb	DKC41-64	R1 B1	105	22.7	1	100		102	23.8	1	100		104	22.7	2	106	22.7	0	98	26.1	0	
Hyland	HL R234	R1	104	22.8	1	100		101	24.8	2	100		103	23.4	3	104	23.9	0	97	27.1	3	
Pride Seeds	K293RR	R1	102	22.6	2	100		104	24.3	3	100		110	22.6	3	103	22.7	0	99	27.6	6	
Mycogen	2D324	R1 B1						102	25.5	0	100		104	22.9	0	98	23.5	0	104	30.0	0	
Country	CF392YGCB	B1	98	22.2	1	101		101	24.9	0	100		95	23.5	1	100	23.7	0	106	27.6	0	
Dekalb	DKC42-22	B1	102	23.5	1	99		99	25.2	2	100		91	23.5	3	102	23.6	0	103	28.4	2	
Dekalb	DKC42-71	R1 B1	105	23.6	2	99		105	25.7	2	99		101	24.3	6	106	24.1	0	107	28.7	1	
Hyland	HL B282	B1	108	23.2	1	100		108	25.0	1	100		109	23.6	2	109	23.5	0	105	28.0	1	
Maizex	MZ 310		103	23.1	3	100		100	25.0	5	100		93	22.8	11	107	24.0	0	99	28.2	5	
2	Maizex	MZ 31-03RR	R1	103	23.3	3	100		101	25.2	4	100		101	23.3	10	101	23.6	0	100	28.6	3
8	Maizex	MZ 38-60RR\YGPL	R1 B1 B6					100	23.6	0	101		96	22.4	0	95	22.3	0	109	26.2	0	
5	NK Brand	N3030Bt	B2	106	23.4	1	100		105	24.5	0	100		110	22.7	1	105	22.5	0	102	28.4	0
0	NK Brand	N8888		100	23.3	4	99		97	24.8	6	100		90	23.4	11	99	23.7	0	103	27.2	7
	Mycogen	2R416	R1	105	23.1	1	100		104	25.1	1	100		101	23.2	0	104	23.7	0	106	28.3	4
	Croplan	314TS	R1 B1 B6					107	25.0	0	100		113	23.4	1	106	22.9	0	102	28.7	0	
	Pioneer	38B85						103	26.0	3	99		108	23.3	2	102	23.8	1	99	30.8	6	
	Pickseed	4955		102	23.3	3	99		101	24.9	3	99		101	24.1	4	105	23.8	0	97	26.9	6
	Country	CF488RCRW	R1 B6					100	25.9	3	99		93	24.0	3	106	24.1	1	100	29.6	5	
	Mycogen	2R424	R1 B1					109	25.9	0	99		108	24.1	0	111	24.0	0	108	29.5	0	
	Mycogen	2R426	B3	108	23.5	0	100		107	25.5	1	99		109	23.5	1	104	23.6	1	108	29.5	0
	Pride Seeds	A6686Bt	B1	106	23.6	0	99		105	25.6	0	99		105	23.5	1	102	24.2	0	107	29.0	0
	Pride Seeds	K303RR	R1	100	24.7	3	98		97	25.5	3	99		95	24.1	1	97	24.5	3	97	28.0	6
	Hyland	Laxxot Bt	B1	105	25.0	0	98		101	26.4	1	99		102	23.8	3	104	25.1	0	98	30.3	0
	Hyland	HL B286	B1	109	25.0	2	99		105	25.7	4	100		104	23.5	11	105	23.5	0	108	30.2	0
	Maizex	MZ 3888Bt	B1	109	23.5	1	99		112	25.3	0	99		114	23.6	0	113	23.9	0	110	28.4	0
2	NK Brand	N34-Y9						109	26.2	3	99		106	24.9	2	106	24.7	1	113	29.1	7	
9	Mycogen	2A496	R1					103	25.3	4	99		104	23.1	7	107	24.1	2	97	28.7	4	
0	Mycogen	2A498		112	26.9	2	97		108	27.4	3	98		110	24.3	5	105	25.3	0	110	32.7	4
0	Elite	34V05 RR	R1	102	23.3	2	100		98	25.4	4	99		99	23.5	7	102	23.8	2	93	28.8	3
	Pioneer	38B84	R1					102	25.7	3	99		97	23.5	1	105	24.9	0	103	28.7	7	
	Pioneer	38B86	R1 B5					104	26.4	0	99		104	23.9	0	110	25.2	0	100	30.2	0	
	Pride Seeds	4526		103	24.5	4	99		102	26.1	7	99		95	24.1	14	106	24.7	2	105	29.6	5
	Pickseed	4956Bt	B1	107	23.6	1	99		109	25.5	2	99		108	23.9	5	113	23.5	0	106	29.0	0
	Elite	90M28 LL	B2	106	24.6	1	99		104	25.7	1	99		102	23.4	2	104	24.5	0	106	29.1	0
	Country	CF488YGCB	B1					106	26.0	1	99		103	24.1	3	115	24.1	0	99	29.8	1	
	Dekalb	DKC44-92	R1					104	26.4	1	98		104	24.3	1	104	25.6	2	104	29.2	2	
	Dekalb	DKC46-27	B1	102	24.2	2	99		102	26.3	3	99		101	24.6	7	100	24.9	1	106	29.4	0
	Dekalb	DKC47-10	R1 B1	103	23.6	1	99		103	25.3	2	99		103	23.9	6	103	23.6	0	103	28.3	1
	Croplan	364BT	B1					107	25.9	1	99		110	23.9	2	106	24.4	0	107	29.3	2	
	LSD(0.10) for Yield Index Points*		3					5					10			9			6			
	Average all hybrids**		209	23.0	1	67		208	24.7	2	65		201	23.1	3	208	23.4	0	216	27.6	2	
	(Bt and Non-Bt)																					
	European Corn Borer Pressure												Low			Low				Moderate		

Table 4: 2850 - 3060 C.H.U. Area

		2005 - 2006 Averages						2006 Trial Averages				Results of 2006 Performance Trials											
		Average of 8 Trials (Exeter '05-'06, Ilderton '05-'06 Thorndale '05-'06, Woodstock '05-'06)						Average of 4 Trials (Exeter, Ilderton, Thorndale, Woodstock)				EXETER			ILDERTON			THORNDALE			WOODSTOCK		
Brand and/or Hybrid	Notes	Yield	Moist.	%	Test Wt		Yield	Moist.	%	Test Wt	Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%	
		Index	%	Ldg	Index	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg	
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt
Maizex	EX 31-62RR	R1					93	22.5	1	101	91	22.4	2	97	20.8	0	93	22.7	0	92	24.1	3	
2 Pioneer	38M59	B1					96	21.9	0	102	97	21.3	0	101	19.9	0	88	22.4	0	99	24.0	1	
8 Pioneer	38P03	R1	89	20.1	2	102	88	20.4	2	103	92	19.7	3	85	18.0	0	87	21.4	1	87	22.5	3	
0 Pioneer	38P05		89	20.7	1	101	87	20.9	0	102	83	20.3	0	92	18.8	1	87	21.4	0	85	23.2	0	
0 Pioneer	38P09	R1 B1	87	21.1	1	101	85	22.2	0	101	80	22.3	0	84	20.2	0	86	22.8	0	89	23.4	1	
	Hyland HL R234	R1	95	20.9	2	101	94	21.8	2	102	98	22.1	1	93	19.9	2	95	22.0	1	89	23.1	3	
	Dekalb DKC42-22	B1	95	21.2	3	101	93	22.4	1	101	88	22.4	3	90	20.5	2	94	22.5	0	99	24.3	1	
	Dekalb DKC42-71	R1 B1	95	21.1	7	101	93	22.1	2	101	93	22.5	0	90	19.4	0	96	22.6	4	93	23.9	6	
2 Hyland	HL B282	B1	101	21.0	1	101	101	22.3	1	101	100	21.9	0	102	21.1	0	101	21.8	0	100	24.5	3	
8 Maizex	MZ 310		95	20.9	3	101	92	22.2	4	101	95	22.7	1	94	19.4	0	89	22.3	0	92	24.2	16	
5 Maizex	MZ 31-03RR	R1	98	20.8	4	101	94	22.0	3	101	93	22.1	0	96	19.9	0	89	21.7	1	95	24.3	11	
0 Maizex	MZ 38-60RR\YGPL	R1B1B6					93	20.7	1	102	99	19.8	1	94	19.3	0	92	20.9	0	88	22.9	3	
	Mycogen 2R416	R1	96	20.8	3	101	95	22.0	3	101	98	21.6	2	93	19.8	3	95	22.6	2	94	24.2	6	
	Croplan 314TS	R1B1B6					94	22.2	0	101	97	22.4	0	95	19.7	0	92	22.3	0	94	24.5	2	
	Pioneer 38B85						93	23.1	2	100	95	23.2	0	95	22.2	0	87	22.8	1	95	24.3	6	
	Pioneer 38F33						93	23.0	1	100	94	22.3	0	95	21.0	0	89	23.8	3	93	24.7	3	
	Country CF488RCRW	R1 B6					96	22.2	2	101	100	21.6	1	92	20.7	0	97	22.3	3	93	24.3	5	
	Maizex MZ 324		93	20.9	1	101	97	22.2	0	101	91	22.1	0	102	20.8	0	101	21.9	0	94	24.2	2	
	Mycogen 2R424	R1 B1					99	22.5	0	101	99	22.3	0	103	21.5	0	97	21.6	0	98	24.4	2	
	Mycogen 2R426	B3	100	21.0	2	101	99	22.3	1	101	104	21.7	0	99	20.6	0	94	22.1	0	99	24.6	3	
	Pride Seeds A6686Bt	B1	100	21.2	3	101	98	22.6	1	101	98	23.5	0	97	20.3	0	103	22.9	0	93	23.6	3	
	Pride Seeds K303RR	R1	95	22.2	3	100	93	23.1	5	100	91	22.5	2	92	22.3	6	98	23.4	3	92	24.2	9	
	Hyland Laxxot Bt	B1					100	22.7	0	101	102	24.0	0	92	20.6	0	104	21.5	0	101	24.5	0	
	Hyland HL B286	B1	101	22.5	2	100	99	23.1	3	100	93	23.6	0	96	21.0	0	105	23.4	4	101	24.3	6	
	Maizex MZ 3888Bt	B1	98	21.2	3	101	96	22.4	0	101	99	22.1	0	94	21.2	0	93	22.4	0	97	23.9	1	
2 NK Brand	N34-Y9						98	24.7	3	99	98	24.3	0	105	23.3	0	94	24.4	1	95	26.7	10	
9 Mycogen	2P483	R1B1B6					104	23.5	1	100	103	23.3	0	106	22.2	1	108	23.6	1	100	24.9	2	
0 Mycogen	2A496	R1					101	22.6	2	101	106	22.8	0	98	20.6	0	97	22.7	1	100	24.2	7	
0 Mycogen	2A498		104	23.2	3	99	103	23.4	2	100	101	23.9	1	104	19.7	1	100	23.7	1	105	26.3	4	
	Pioneer 38A25	B1	98	22.0	2	100	96	22.6	0	101	94	22.5	0	97	20.5	0	91	22.7	0	101	24.8	0	
	Pioneer 38A26	R1 B1	103	22.4	0	100	101	23.3	0	100	93	22.8	0	104	21.5	0	104	23.2	0	103	25.7	0	
	Pioneer 38B84	R1	98	22.0	2	100	94	23.3	2	100	94	22.6	0	96	22.0	2	92	23.8	1	96	24.9	5	
	Pioneer 38B86	R1 B5					97	24.1	0	99	95	22.9	0	97	23.1	0	100	24.2	0	95	26.1	2	
	Pride Seeds 4526		96	21.3	2	101	94	22.4	3	101	98	21.9	0	94	20.4	0	97	22.2	4	89	25.1	9	
	Horizon HZ1022						102	23.9	1	99	103	23.5	1	98	23.4	0	103	23.5	0	104	25.0	4	
	NK Brand N35-B8	B2	102	22.3	1	100	100	23.1	1	100	100	22.5	1	97	21.4	0	99	23.3	0	104	25.1	3	
	Country CF488YGCB	B1	97	21.2	3	101	97	22.9	1	101	102	22.8	1	99	21.4	1	92	22.6	1	96	24.7	1	
	Country CF556RR	R1									118	23.2	0	101	23.3	0	108	24.6	0				
	Dekalb DKC44-92	R1					94	23.3	2	100	94	22.8	3	94	21.3	2	93	23.4	1	92	25.8	5	
	Dekalb DKC46-27	B1	95	21.6	4	100	95	23.1	2	101	92	23.4	3	102	21.7	0	93	22.0	0	94	25.2	7	
	Dekalb DKC47-10	R1 B1	92	21.3	7	101	91	22.4	8	101	94	22.7	5	93	20.5	4	85	22.6	10	91	24.0	15	
2 Maizex	EX 3862						98	23.4	4	100	93	22.4	0	99	21.2	5	99	24.5	0	99	25.6	13	
9 Hyland	HL B43R	R1 B1					101	24.5	0	99	105	24.0	0	88	23.4	0	107	24.7	0	103	26.1	0	
5 Hyland	HL 2492						103	23.8	1	100	102	23.6	0	100	22.5	0	105	23.7	0	104	25.4	6	
0 Maizex	MZ 3654Bt	B1	98	21.7	1	100	92	22.0	2	101	94	21.8	1	94	19.5	0	91	21.9	1	90	24.9	6	
	Maizex MZ 39-62RR	R1					103	24.2	5	99	103	23.8	4	100	22.6	0	102	23.9	5	108	26.5	10	
	NK Brand N34-F1	B2					102	24.3	0	99	100	23.1	0	98	23.5	0	103	24.2	0	106	26.5	1	
	Croplan 355RR\BT	R1 B1	98	21.8	1	100	95	22.6	0	101	93	23.3	1	98	21.0	0	99	21.5	0	91	24.5	0	
	Croplan 364BT	B1					98	22.7	1	101	101	22.2	0	97	21.1	0	97	22.8	1	96	24.5	3	
	Pioneer 37Y12						101	23.5	1	100	101	23.1	0	103	22.3	0	97	23.0	0	105	25.4	4	

Table 4 continued: 2850 - 3060 C.H.U. Area

Brand and/or Hybrid		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials															
		Average of 8 Trials				Average of 4 Trials				EXETER			ILDERTON			THORNDALE			WOODSTOCK						
		Notes	Yield Index	Moist. %	Test Wt Ldg	Yield Index	Moist. %	Test Wt Ldg	Yield Index	Moist. %	Yield Index	Moist. %	Yield Index	Moist. %	Yield Index	Moist. %	Yield Index	Moist. %	Yield Index	Moist. %					
	N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt		N-Bt	Bt						
Croplan	388RR\BT	R1 B1					109	23.9	0	100		105	23.5	0	117	22.7	0	105	23.4	1	109	25.8	1		
Pickseed	5625RR	R1				100	23.7	1	100		100	23.8	0	100	21.9	0	99	23.0	0	102	26.2	2			
Pride Seeds	A6719BtRR	R1 B1	101	22.4	0	100			99	23.2	1	100		98	23.8	0	102	21.3	1	100	22.6	0	98	24.9	2
Dekalb	DKC48-62	R1				102	23.7	3	100		106	23.9	1	97	21.8	0	106	23.9	0	99	25.3	11			
NK Brand	N39-Q1	R1				105	23.7	6	100		109	23.2	0	95	22.5	9	106	23.6	2	108	25.4	14			
Pickseed	5675Bt	B1	106	23.9	2	98			102	24.9	0	99		105	24.7	0	98	23.1	0	101	24.2	0	104	27.6	2
Country	CF556YGCB	B1	103	23.1	0	99			104	24.1	0	99		101	23.7	0	102	23.3	0	109	23.8	0	104	25.6	0
Maizex	EX 3963HX	B5				106	25.0	0	99		94	25.0	0	99	22.2	0	104	22.9	0	113	24.9	0	111	27.9	2
Hyland	HL 2515		110	23.0	2	99			106	23.5	3	100		107	23.2	2	103	21.6	0	104	23.8	0	108	25.4	9
Maizex	MZ 4155Bt	B1	112	24.1	1	98			114	24.7	0	99		105	24.3	0	117	23.1	0	116	24.5	0	116	27.0	0
3 NK Brand	N41-D8	R2				91	23.7	5	100		94	23.6	5	90	22.1	0	86	24.3	5	92	24.8	12			
0 NK Brand	N41-P1	R2 B2				92	24.3	1	99		92	24.5	0	93	22.9	1	88	24.1	0	96	25.6	2			
0 NK Brand	N43-C4	B2	106	23.0	2	99			106	23.7	1	100		109	23.1	0	101	22.6	2	108	22.6	1	107	26.4	0
0 Pioneer	37F73					107	23.9	3	100		110	23.8	1	113	22.6	1	104	23.6	3	100	25.8	9			
Pioneer	37F74	B5				115	25.1	0	99		112	24.7	0	120	24.0	0	123	24.4	0	106	27.3	0			
Pioneer	37R71	B1	95	22.7	0	99			94	24.0	0	99		91	23.2	0	95	22.2	1	94	24.2	1	95	26.4	0
Pioneer	38H65	R1 B5				101	24.4	1	99		103	23.9	0	97	23.2	1	98	24.2	1	103	26.5	1			
Pioneer	38H67		98	22.5	3	100			97	24.2	5	99		99	23.7	2	96	22.7	1	96	24.3	1	95	26.0	17
Mycogen	2A517	B5				104	24.5	2	99		100	24.6	1	103	22.7	4	102	24.0	2	110	26.7	2			
Country	CF723YGCB	B1				112	24.6	0	99		105	23.9	0	109	22.3	0	119	24.5	0	115	27.7	1			
Dekalb	DKC50-18	B1	107	23.0	1	99			103	23.8	2	100		104	23.3	2	101	21.8	0	105	23.7	3	103	26.5	3
Dekalb	DKC50-20	R1 B1	104	22.9	1	99			102	24.1	2	99		101	23.7	2	98	22.9	0	105	23.9	0	102	25.8	6
3 Dekalb	DKC50-48	R1 B1				110	25.7	1	98		114	25.5	0	107	23.9	0	108	25.7	0	108	27.7	2			
0 Hyland	HL B295	B1				109	26.3	0	98		107	25.2	0	109	24.5	0	112	25.6	0	109	29.7	1			
5 Maizex	MZ 424		110	24.8	5	98			110	25.7	3	98		111	25.3	0	105	23.9	3	116	25.6	0	107	28.1	9
0 NK Brand	N44-M1	B2				106	24.6	1	99		105	24.3	0	103	23.0	0	109	23.7	0	106	27.2	3			
Mycogen	2E526	B5 B7				100	25.6	4	98		99	24.3	0	98	23.8	0	103	25.3	6	100	29.2	8			
Mycogen	2J525		105	24.6	2	98			101	24.7	3	99		108	24.4	0	98	23.0	0	96	24.5	6	100	26.8	8
Croplan	421RR\BT	R1 B1				107	25.0	0	99		103	24.6	0	108	23.5	0	108	24.9	0	108	26.9	1			
Pickseed	5682Bt	B1				113	25.1	1	99		110	24.4	0	115	23.7	0	111	25.2	1	114	27.1	2			
NK Brand	N45-T5		110	24.0	3	98			107	25.2	4	98		107	24.9	2	114	24.6	0	108	24.8	0	101	26.5	14
Country	CF771					100	25.5	1	98		98	25.3	1	100	23.9	0	104	24.7	0	98	28.0	3			
NK Brand	N45-A6	B2	113	23.4	0	99			115	24.8	0	99		113	24.5	0	125	22.8	0	109	24.3	0	112	27.5	2
Mycogen	2J527	B5				107	25.5	0	98		110	24.7	0	108	23.6	0	99	25.0	0	112	28.8	1			
Pickseed	5686Bt	B1	114	25.7	0	97			109	26.1	0	98		108	25.8	0	109	24.6	0	108	24.5	0	111	29.5	1
Country	6808XBt	B1				114	25.5	1	98		109	25.4	1	118	23.8	0	116	25.0	0	112	27.9	1			
LSD(0.10) for Yield Index Points*			3			4					8			9			9			4					
Average all hybrids** (Bt and Non-Bt)			216	22.2	2	67	218	23.5	2	65	215	23.3	1	206	21.9	1	226	23.4	1	226	25.6	4			
European Corn Borer Pressure										Low			Moderate			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.

Table 5: 3000 - 3200 C.H.U. Area

Brand and/or Hybrid		2005 - 2006 Averages					2006 Trial Averages				Results of 2006 Performance Trials					
		Average of 5 Trials (Croton '05-'06, Kerwood '05-'06 West Lorne '05)					Average of 2 Trials (Croton, Kerwood)				CROTON			KERWOOD		
		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	
	Maizex EX 3862					96	19.2	3	102	98	18.0	2	93	20.4	4	
	Hyland HL B43R	R1 B1				96	21.3	0	101	93	18.9	1	100	23.6	0	
	Hyland HL 2492					102	19.6	1	102	109	18.1	1	94	21.0	1	
	Maizex MZ 3654Bt	B1				84	20.2	2	101	92	17.1	1	75	23.2	3	
	Maizex MZ 39-62RR	R1				95	19.9	3	102	87	18.0	3	104	21.8	4	
	Pioneer 37Y12					95	18.9	1	103	97	16.9	0	92	20.8	3	
	Dekalb DKC48-62	R1				93	18.7	3	103	90	16.7	2	98	20.7	5	
	Country CF556YGCB	B1	92	21.0	0	101	96	20.9	0	101	93	18.9	0	100	22.9	1
	Maizex EX 3963HX	B5				99	20.4	2	101	99	18.6	1	100	22.2	3	
	Hyland HL 2515		99	20.9	4	101	93	20.5	5	101	92	19.0	3	94	22.0	7
3	NK Brand N41-P1	R2 B2				79	20.7	2	101	76	18.1	2	81	23.2	1	
0	NK Brand N43-C4	B2	99	19.2	0	102	102	19.5	1	102	106	17.8	0	97	21.2	2
0	Pioneer 37F73		96	19.8	5	102	100	20.1	4	102	100	17.8	2	101	22.4	6
0	Pioneer 37F74	B5				108	20.7	0	101	108	18.0	0	108	23.3	0	
	Pioneer 37R71	B1	88	19.1	0	102	90	19.1	0	102	84	17.6	1	95	20.6	0
	Pioneer 38H65	R1 B5				87	20.8	0	101	88	18.7	0	86	22.8	0	
	Pioneer 38H67					87	20.0	2	102	86	17.7	1	88	22.3	3	
	Mycogen 2A517	B5				93	20.8	2	101	98	18.3	1	88	23.3	4	
	Pride Seeds A17131BtRR	R1 B1				98	21.0	0	100	98	18.9	0	98	23.1	0	
	Country CF723YGCB	B1	106	20.9	1	101	104	21.0	1	101	105	19.0	1	103	23.0	1
	Dekalb DKC50-18	B1	93	20.8	1	101	91	20.1	1	102	88	17.8	1	93	22.4	1
	Dekalb DKC50-20	R1 B1	92	20.2	2	102	86	20.4	3	101	83	17.6	1	90	23.2	4
	Dekalb DKC50-48	R1 B1				90	22.4	1	99	83	19.6	1	98	25.1	2	
3	Dekalb DKC51-39	R1 B1 B6				87	19.8	0	102	86	16.9	0	89	22.6	1	
0	Hyland HL B295	B1				109	21.9	2	100	110	19.9	1	108	23.9	2	
5	Maizex MZ 366		91	21.8	1	100	93	21.4	2	101	93	19.2	1	93	23.6	3
0	Maizex MZ 36-66RR	R1				92	21.6	1	100	91	19.4	1	92	23.8	2	
	Maizex MZ 424		101	21.5	4	101	103	21.1	3	101	105	18.6	1	102	23.5	5
	NK Brand N44-M1	B2				100	20.6	1	101	99	18.3	1	101	22.8	2	
	Mycogen 2E526	B5 B7				96	20.9	6	100	100	18.5	1	91	23.2	11	
	Mycogen 2J525		97	21.8	4	101	96	20.8	2	101	98	18.1	2	93	23.5	2
	Croplan 421RR\BT	R1 B1				97	21.1	0	101	96	18.6	1	99	23.6	0	
	Pickseed 5682Bt	B1				105	21.2	3	101	104	18.7	2	107	23.6	4	
	NK Brand N45-T5		95	20.5	3	101	93	21.1	3	101	93	19.6	3	93	22.6	3
	Country CF771					93	21.8	1	100	93	19.0	2	92	24.6	1	
	Dekalb DKC51-43		95	21.3	3	101	92	20.4	3	101	88	17.9	2	97	22.8	3
	Hyland HL B52R	R1 B1				100	23.0	0	99	98	20.6	0	103	25.4	1	
	Maizex MZ 4422Bt	B1	104	22.3	1	100	103	22.1	0	100	108	19.6	0	98	24.6	1
3	Maizex MZ 4433Bt	B1	107	22.5	1	100	107	21.9	2	100	107	19.6	1	107	24.2	3
1	NK Brand N45-A6	B2	99	20.2	0	102	99	20.5	1	101	98	18.2	0	101	22.8	1
0	Mycogen 2J527	B5				98	21.7	1	100	99	20.2	0	98	23.1	2	
0	Pioneer 36W66		103	21.4	2	100	105	21.6	2	100	104	18.8	2	105	24.4	2
	Pioneer 36W67	B5				104	23.4	0	99	103	21.0	1	105	25.7	0	
	Pioneer 36W68	R1 B5				100	24.5	1	98	100	21.8	1	100	27.1	1	
	Pickseed 5686Bt	B1	107	22.8	1	99	108	22.4	1	100	108	19.8	0	108	25.0	2
	Dekalb DKC52-62	R1				99	21.7	2	100	96	19.5	0	102	23.8	4	
3	Dekalb DKC52-63	R1 B1				95	21.8	1	100	90	19.6	1	100	23.9	2	
1	Country CF772YGCB	B1	99	20.9	0	101	98	20.7	0	101	99	17.6	0	97	23.7	0
5	Maizex EX 4550Bt	B1	105	22.9	0	99	105	22.0	1	100	110	19.8	0	100	24.1	2
0	Maizex MZ 4655Bt	B1				101	22.3	1	99	101	20.7	0	101	23.9	3	

Table 5 continued: 3000 - 3200 C.H.U. Area

Brand and/or Hybrid		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials						
		Average of 5 Trials				Average of 2 Trials				CROTON			KERWOOD			
		Notes	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		
	NK Brand N48-R3	B2				97	21.1	1	100		98	18.8	0	96	23.3	2
	Croplan 491RR\BT	R1 B1				101	19.3	2	102		105	16.7	0	97	21.8	3
	NK Brand N53-W3	R2				109	21.5	4	100		109	18.3	1	109	24.6	6
3	NK Brand N8689					115	21.7	1	100		112	18.5	0	118	24.8	2
2	Mycogen 2G626				99	99	22.7	0	99		99	20.3	0	99	25.1	0
0	Pioneer 35D28				99	110	23.0	1	99		114	21.1	1	107	24.8	1
0	Country Farm 6808XBt	B1			99	107	21.9	1	100		109	20.5	1	105	23.2	2
	Pride Seeds A7442RR	R1				101	23.4	1	98		102	20.8	1	99	25.9	1
	Country Farm CF779Bt	B1				102	22.6	0	99		102	20.6	0	102	24.6	0
3	Hyland HL B332	B5			98	104	24.0	2	98		97	21.4	1	102	24.8	2
2	Hyland HL 2676				99	94	23.0	2	99		96	21.3	0	92	24.7	3
5	Hyland HL 2677					112	23.9	3	98		110	21.2	4	115	26.6	1
0	Pride Seeds K542					101	22.8	1	99		98	20.5	1	105	25.1	2
	Masters Choice MC530					103	24.0	4	98		100	22.2	4	106	25.8	3
	Mycogen 2D653					100	23.6	0	98		100	21.1	0	100	26.0	0
	Pride Seeds K563Bt	B1			98	98	23.1	0	99		98	20.8	0	99	25.4	0
	Hyland HL B337	B1				115	24.6	1	97		118	22.1	2	112	27.0	0
3	NK Brand N58-D1	B2			99	107	23.1	0	99		110	20.9	0	105	25.0	0
3	NK Brand N8523				99	111	23.1	3	99		109	20.2	3	114	25.9	2
0	Pioneer 34A15				99	102	23.9	2	98		98	21.8	3	107	26.0	1
0	Pioneer 34A16	B5				104	25.4	0	97		106	23.4	0	102	27.4	0
	Pioneer 34P88					115	25.3	1	97		118	25.0	1	112	25.5	1
	Pioneer 34P89	B5				118	27.5	1	95		121	25.4	0	114	29.6	1
	Pioneer 35D29	B5				109	24.0	2	98		114	22.5	1	104	25.5	3
	Hyland HL B344	B1			98	103	24.4	0	98		106	21.9	0	101	26.8	0
	Pioneer 34N42	B5			98	108	24.4	1	98		109	23.1	0	107	25.6	2
	Pioneer 34N45	R1 B1				111	23.4	0	99		111	21.8	0	111	25.0	0

LSD(0.10) for Yield Index Points*

3

4

6

6

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

207

22.1

2

66

225

21.8

1

66

236

19.6

1

214

24.0

2

European Corn Borer Pressure

Moderate

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.

Table 6: 3200 - 3450 C.H.U. Area

Brand and/or Hybrid		2005 - 2006 Averages				2006 Trial Averages				Results of 2006 Performance Trials									
		Average of 6 Trials (Ridgetown '05-'06, Tilbury '05-'06 Grande Pointe '05-'06)				Average of 3 Trials (Grande Pointe, Tilbury Ridgetown)				GRANDE POINTE			RIDGETOWN			TILBURY			
		Notes	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg
	N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt			
Pioneer	36W66		90	19.0	2	101	92	19.7	2	101	92	19.0	2	96	20.8	1	89	19.2	3
Pioneer	36W67	B5					96	20.2	0	100	100	19.8	0	97	21.6	0	91	19.1	0
Pioneer	36W68	R1 B5					94	20.8	0	100	94	19.7	0	101	22.6	0	88	20.1	0
Dekalb	DKC52-62	R1					91	19.4	1	101	93	19.0	2	90	20.6	2	90	18.5	1
Dekalb	DKC52-63	R1 B1					89	19.1	0	101	95	17.8	0	89	20.7	0	83	18.7	1
Dekalb	DKC54-50		91	18.1	2	102	90	17.9	1	103	95	17.2	1	88	19.5	2	87	17.1	1
Croplan	491RR/BT	R1 B1					92	17.6	1	103	97	17.1	0	93	18.7	2	86	17.0	1
Dekalb	DKC55-12	B1					102	19.4	0	101	107	19.0	0	98	20.9	0	102	18.4	0
Maizex	MZ 535		96	19.2	3	101	100	19.2	1	101	100	19.2	2	101	19.4	1	99	19.0	1
3 NK Brand	N53-W3	R2									94	18.3	1				96	19.3	2
2 NK Brand	N8689										102	17.9	2				97	18.8	1
0 Mycogen	2G626		91	19.3	0	101	93	19.6	0	101	91	19.6	0	97	21.0	0	91	18.2	0
0 Pioneer	35D28		101	19.8	2	100	103	20.2	2	100	106	19.7	1	101	22.2	4	101	18.8	2
Country Farm	CF778YGCB	B1	93	18.9	1	101	93	18.8	1	102	95	18.5	1	90	19.8	2	94	18.1	1
Country Farm	CF779Bt	B1					95	19.9	1	101	94	19.2	0	94	21.2	1	98	19.2	1
Dekalb	DKC57-84	B1	97	20.7	1	100	97	21.6	0	99	101	21.9	0	95	23.0	0	93	20.0	0
Hyland	HL B332	B5					96	21.3	0	99	102	20.9	0	92	22.6	0	93	20.4	0
Hyland	HL 2676		100	20.1	1	100	99	20.6	0	100	99	19.9	0	96	22.2	0	102	19.6	0
Hyland	HL 2677						103	20.8	2	100	106	21.2	1	101	22.2	1	101	19.0	3
Masters Choice	MC530						98	21.9	0	99	96	22.0	1	100	22.7	1	100	21.0	0
Maizex	MZ 535HX	B5					98	19.7	1	101	93	20.3	0	106	20.4	1	97	18.4	1
Mycogen	2D653										91	20.7	0				92	21.5	1
Dekalb	DKC58-47	R2					102	19.9	1	101	106	19.6	1	102	21.0	2	99	19.1	1
Pride Seeds	A8006						99	20.4	1	100	98	19.7	1	97	22.8	1	100	18.8	3
Country Farm	CF870		105	21.2	1	99	104	21.5	1	99	104	21.5	0	99	23.2	1	110	19.8	3
Hyland	HL B337	B1	109	20.8	2	99	110	21.4	1	99	110	21.7	2	111	23.0	0	107	19.5	3
Maizex	MZ 540		103	21.1	2	99	100	21.3	1	100	101	21.6	1	98	22.4	2	102	19.9	1
Maizex	MZ 54-40RR	R1					109	20.8	2	100	108	20.1	1	104	22.5	4	116	19.7	3
3 NK Brand	N58-D1	B2	100	19.5	0	101	103	20.3	0	101	100	20.0	0	106	21.4	0	104	19.4	0
3 NK Brand	N8523		99	19.8	1	101	103	20.1	1	101	96	19.6	0	107	20.7	3	107	20.0	1
0 Country Farm	RK864YGCB	B1	103	21.8	0	99	106	22.5	0	99	103	22.6	1	110	23.4	0	105	21.4	1
0 Mycogen	2P682		99	20.8	2	100	99	21.2	2	100	97	21.3	1	98	22.3	4	103	19.9	1
Pioneer	34A15		100	20.7	1	100	97	21.5	1	100	101	21.1	0	92	22.8	3	98	20.7	1
Pioneer	34A16	B5	102	21.1	1	99	98	21.8	0	99	98	21.5	0	100	23.2	0	96	20.8	0
Pioneer	34P88						112	23.4	1	98	111	24.1	1	114	24.0	2	110	22.1	1
Pioneer	34P89	B5					115	24.2	0	97	114	24.5	0	117	25.7	0	113	22.3	1
Pioneer	35D29	B5					103	21.7	1	99	102	21.3	1	106	23.1	1	102	20.6	0
Croplan	579HX/LL	B5					98	19.9	0	101	97	19.6	1	101	21.5	0	96	18.7	0
Pride Seeds	A8107Bt	B1	100	20.8	1	100	100	21.3	0	100	98	21.1	0	98	22.5	1	105	20.3	0
Country Farm	CF870YGCB	B1	107	21.4	1	99	107	21.9	0	99	103	22.3	0	105	23.2	1	114	20.3	0

Explanation of Codes for Special Genetic Traits

Code	Trait	Genetic	Code	Trait	Genetic Event
B1	Resistant to corn borer	MON 810	B5	Resistant to corn borer and tolerant to Liberty	TC1507
B2	Resistant to corn borer & tolerant to Liberty herbicide	Bt11	B6	Resistant to corn rootworm	Mon 863
B3	Resistant to corn borer	Event 176	B7	Resistant to corn rootworm	Cry34/35
R1	Tolerant to glyphosate	NK603	L2	Tolerant to Liberty herbicide	T25
R2	Tolerant to glyphosate	GA21			
<p>The Ontario Corn Committee does not assess hybrids for Special Genetic Traits. Hybrid descriptions are based on information received from corn companies, as of November 21, 2006. Although the Ontario Corn Committee believes the information contained in this report to be accurate, growers are strongly urged to consult dealers of the respective hybrids and products, before making purchasing or management decisions.</p>					
<p>All hybrids included in this report have been fully approved for food and feed use in Canada and the United States. However, a number have not been approved for use in the European Union. Corn harvested from these non-EU approved hybrids must be delivered to a market that will not ship the grain or its processed products to Europe. For more information, contact your seed supplier.</p>					

SEED CORN DEALERS

Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Country Farm	Country Farm Seeds	148 Wellington St. W., Chatham N7M 5L8	1 - 800 - 449 - 3990
Croplan	Land O'Lakes Inc.	32 Ridgewood Place, Cambridge, N1S 4B4	1 - 519 - 716 - 2877
Dekalb	Monsanto Canada Inc.	307-150 Research Lane, Guelph N1G 4T2	1 - 800 - 667 - 4944
Elite	Coopérative fédérée	2405 rue de la province, Longueuil, Québec J4G 1G3	1 - 450 - 670 - 9930
Horizon	Horizon Seeds Canada Inc.	531 Bostwick Rd., Courtland N0J 1E0	1 - 519 - 842 - 5538
Hyland	Hyland Seeds	Box 130, 2 Hyland Dr., Blenheim NOP 1A0	1 - 800 - 265 - 7403
Maizex	Maizex Seeds Inc.	RR #2, Tilbury NOP 2LO	1 - 877 - 682 - 1720
Masters Choice	Masters Choice Hybrids	10639 Campbell Line, Blenheim N0P 1A0	1 - 519 - 676 - 3617
Mycogen	Dow AgroSciences Can. Ltd.	7061 Cobble Hills Rd., St.Marys N4X 1B7	1 - 519 - 349 - 2600
NK Brand	Syngenta Seeds Inc.	15910 Medway Rd., R.R.#1, Arva N0M 1C0	1 - 800 - 756 - SEED
Pickseed	Pickseed Canada Inc.	Box 304, 1 Greenfield Rd, Lindsay K9V 4S3	1 - 800 - 661 - GROW
Pioneer	Pioneer Hi-Bred Limited	Box 730, 7398 Queens Line., Chatham N7M 5LI	1 - 800 - 265 - 9435
Pride Seeds	AgReliant Genetics Inc.	Box I088, Chatham N7M 5L6	1 - 519 - 354 - 3210