

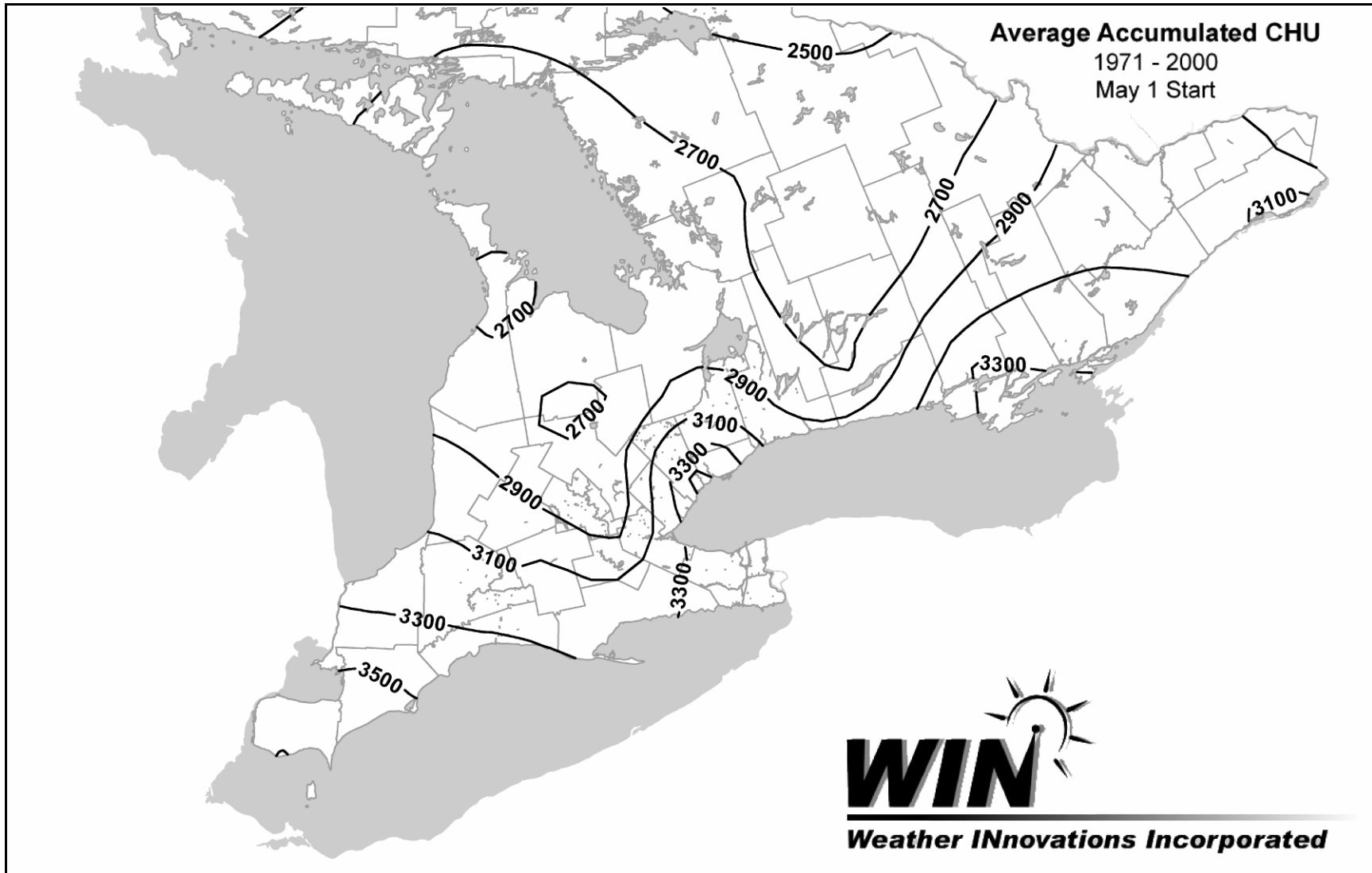
Ontario Hybrid Corn Performance Trials 2009 Crop Year

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Performance Trial Results available online at www.GoCorn.net

Conducted by the Ontario Corn Committee



Corn Heat Units - Ratings for all areas of the province are now based on the average heat unit accumulation for the period from **May 1** to the date in the fall when the long-term average daily temperature falls below 12° C or an occurrence of -2° C, whichever come first.

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 Campus, University of Guelph, Ridgetown; Plant Agriculture Department, University of Guelph; Kemptville Campus, 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 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 the laboratory, using procedures recommended by the Canada Grain Commission. Fertilizer rates may be higher than those recommended by OMAFRA to compensate for any variability in soil nutrient supply.

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.

% 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 - Corn borer ratings were based on a visual assessment of infestation and damage during the week of September 28th.

% Moisture - The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

Corn Heat Units - Ratings for **all areas of the province** are now based on the average heat unit accumulation for the period from **May 1** to the date in the fall when the long-term average daily temperature falls below 12° C or an occurrence of -2° C, whichever come first.

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.

2009 HYBRID CORN PERFORMANCE TRIAL MANAGEMENT INFORMATION

Location	Table	Crop	Fall	Spring	P	K	pH	N	P2O5	K2O	Herbicide Treatment			Rainfall (mm)					2009			
											Product	Rate	Date	Method	May	Jun	Jul	Aug	Sep	Total	C.H.U.	
Orangeville	1	Soybeans	Soil Save	Cultivate	LR	RR	7.1	120	66	58	Primextra II Mag.	4.0L/ha	22-May	pre	80	78	62	131	58	409	2417	
											Callisto	0.3L/ha	22-May	pre								
Alma	1	Soybeans	None	Cultivate	RR	LR	7.4	186	76	58	Primextra II Mag.	3.5L/ha	23-May	pre	130	80	67	130	65	472	2571	
											Callisto	0.3L/ha	23-May	pre								
Pakenham	2	Alfalfa	None	Plow Mulch	NR	NR	6.5	0	0	0	Marksman	3.75L/ha	01-Jun	post	25	70	152	46	58	351	2695	
											Liquid Cattle-8000g/ac	1.25 L/ac	01-Jun	post								
Elora	2	Wheat	Chisel Plow	Cultivate	LR	MR	7.7	124	60	43	Primextra II Mag.	4.0L/ha	10-May	pre	87	71	91	102	51	402	2653	
											Callisto	0.3L/ha	10-May	pre								
Wingham	2	Wheat	Zone	Zone	RR	LR	7.4	140	50	50	Primextra II Mag.	4.0L/ha	04-Jun	post	38	79	86	59	38	300	2603	
											Callisto	0.3L/ha	04-Jun	post								
Waterloo	3W	W. Wheat	Soil Save	Cultivate	LR	MR	7.3	166	70	52	Primextra II Mag.	4.0L/ha	11-May	ppi	81	84	115	108	32	420	2748	
											Callisto	0.3L/ha	23-Jun	post								
Blyth	3W	Soybeans	Plow	Cultivate	MR	LR	7.5	170	46	79	Primextra II Mag.	4.0L/ha	04-Jun	post	56	41	81	76	46	300	2798	
											Callisto	0.3L/ha	04-Jun	post								
Dublin	3W	Soybeans	None	Cultivate	LR	MR	7.5	160	50	50	Primextra II Mag.	4.0L/ha	04-Jun	post	55	61	94	77	36	323	2820	
											Callisto	0.3L/ha	04-Jun	post								
Winchester	3E	Soybeans	Plow	Cultivate	LR	RR	5.9	180	50	20	Primextra II Mag.	4.0L/ha	23-May	post	91	51	136	115	71	464	2872	
											Callisto	0.3L/ha	23-May	post								
Ottawa	3E	Soybeans	Soil Save	Disc; Mulch	RR	LR	6.9	140	0	30	Primextra II Mag.	3.3L/ha	13-May	ppi	48	61	141	67	44	361	2869	
											Ultim 75DF	33.7g/ha	12-Jun	post								
											Distinct	285g/ha	12-Jun	post								
Lancaster	3E	Soybeans	Deep Till	Cultivate	n/a	n/a	n/a	180	0	0	Primextra II Mag.	4L/ha	05-Jun	post	18	56	71	59	66	270	2724	
											Liquid Cattle - 6000g/ac	.3L/ha	05-Jun	post								
Woodstock	4	Soybeans	None	Cultivate	LR	MR	7.3	159	66	48	Primextra	3.5L/ha	21-May	pre	130	67	131	117	45	490	3006	
											Callisto	0.3L/ha	21-May	pre								
Exeter	4	Wheat	Plow	Cultivate	MR	RR	7.7	160	50	50	Primextra II Mag.	4.0L/ha	04-Jun	post	71	76	109	69	33	358	2913	
											Callisto	0.3L/ha	04-Jun	post								
Ilderton	4	Cereal	Disc	Cultivate	LR	LR	7.5	171	52	120	Primextra II Mag.	4.0L/ha	04-Jun	post	20	97	114	91	36	358	2987	
											Liquid swine - 3000g/ac	0.3L/ha	04-Jun	post								
Thorndale	4	Soybeans	Plow	Cultivate	NR	RR	6.8	162	52	52	Primextra II Mag.	4.0L/ha	04-Jun	post	114	147	122	91	36	510	2868	
											Callisto	0.3L/ha	04-Jun	post								
West Lorne	5	Wheat	Soil	Cultivate	MR	MR	7.1	190	58	58	Primextra II Mag.	4.0L/ha	01-Jun	pre	27	83	70	92	70	342	2856	
											Callisto	0.3L/ha	01-Jun	pre								
Belmont	5	Wheat	Plow	Cultivate	LR	MR	7.2	168	58	58	Primextra II Mag.	2.5L/ha	03-May	ppi	54	118	159	110	71	512	2843	
											Pardner	2.5L/ha	08-Jun	post								
Kerwood	5	Soybeans	none	Cultivate	MR	MR	7.2	197	58	58	Primextra II Mag.	4.0L/ha	29-May	pre	10	45	75	68	44	242	2772	
											Callisto	0.3L/ha	29-May	pre								
Ridgetown	6	W. Wheat	Soil Save	Cultivate	RR	LR	6.6	190	58	58	Primextra II Mag.	4.0L/ha	19-May	pre	30	53	57	60	76	276	3237	
											Callisto	0.3L/ha	19-May	pre								
Grande	6	Soybeans	None	Cultivate	LR	LR	7.3	190	58	58	Primextra II Mag.	4.0L/ha	01-Jun	pre	14	84	55	52	63	268	3064	
											Callisto	0.3L/ha	01-Jun	pre								
Tilbury	6	Wheat	None	Cultivate	LR	LR	7.5	190	58	58	Primextra II Mag.	4.0L/ha	01-Jun	pre	12	53	70	45	58	238	3100	
											Callisto	0.3L/ha	01-Jun	pre								

2009 TRIAL LOCATIONS AND GENERAL INFORMATION

Location	See Table Number	5 Year 2009			ECB Rating ³	Soil Type	Co-operator	Final plants per acre ⁴	Date Planted ⁵	Date Harvested
		Heat Unit Rating	Heat Unit Average	Heat Unit Total ²						
Orangeville	1	2700	2750	2417	L	Sandy Loam	Woodrill Farms Ltd..	30000	May 15	November 28
Alma	1	2700	2790	2571	L	Listowel Loam	Eastep Farms Ltd.	30000	May 7	November 21
Pakenham	2	2900	2892	2695	L	Silt Loam	W. Gillan & Sons	30000	May 13	November 23
Elora	2	2800	2794	2653	L	Silt Loam	University of Guelph	30000	May 5	November 22
Wingham	2	2800	2850	2603	L	Harriston Loam	Wayne Cantelon	30000	May 13	October 29
Waterloo	3W	2900	2876	2748	L	Loam	Rosendale Farms Ltd.	30000	May 13	November 18
Blyth	3W	3000	2965	2798	L	Silt Loam	Heinrich Farms	30000	May 5	October 29
Dublin	3W	3000	3014	2820	L	Clay Loam	Al Murray	30000	May 8	November 1
Winchester	3E	3000	3007	2872	L	Clay Loam	U. G. - Kemptville	30000	May 05	November 18
Ottawa	3E	3000	3089	2869	L	Sandy Loam	AAFC Research Station	30000	May 12	November 14
Lancaster	3E	3000	2997	2724	L	Silt	Peter VanSleeuwen	30000	May 22	November 28
Woodstock	4	3150	3090	3006	L	Loam	University of Guelph	30000	May 8	November 16
Exeter	4	3050	3092	2913	L	Clay Loam	Cliff Hicks	30000	May 13	November 2
Ilderton	4	3100	3088	2987	L	Silt Loam	John Walls	30000	May 5	November 3
Thorndale	4	3150	3047	2868	L	Silt Loam	Pat Elliot	30000	May 8	November 3
Belmont	5	3250	n.a.	2843	L	Loam	Claire Hooker Farms Ltd.	30000	May 20	November 16
West Lorne	5	3350	3252	2856	L	Clay	Sanden Acres Ltd.	30000	May 22	November 14
Kerwood	5	3200	3088	2772	L	Clay Loam	Dave Bolton	30000	May 22	November 14
Ridgetown	6	3450	3484	3237	L	Clay Loam	U. G. - Ridgetown	30000	May 04	November 6
Grande	6	3600	3411	3064	L	Clay Loam	Robert Devolder	30000	May 21	November 9
Tilbury	6	3650	3463	3100	L	Clyde Clay	Dan Sullivan	30000	May 21	November 14

1 Average total heat unit accumulation 2004 - 2008, inclusive

2 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*.

3 European Corn Borer rating: N = None L = Low M = Moderate H = High

4 These populations may not be suitable for your farm

5 All trials planted in 30 inch row widths.

DUPLICATION OF THIS REPORT

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Table 1: 2550 - 2800 C.H.U. Area

Brand and/or Hybrid		Notes		<u>2008 - 2009 Averages</u>			<u>2009 Trial Averages</u>				<u>Results of 2009 Performance Trials</u>							
				Average of 4 Trials (Alma '08-'09, Orangeville '08-'09)			Average of 2 Trials (Alma, Orangeville)				ALMA			ORANGEVILLE				
				Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg	Test Wt.*	Yield Index	Moist. %	% Ldg	Yield Index	Moist. %	% Ldg		
2	Pioneer	P7535HR	R1 B5				100	28.8	0				97	25.0	0	104	32.5	1
2	Pioneer	39Z69	R1 B5				101	26.6	1				97	24.5	1	99	28.2	3
2	NK Brand	N04A-CB/LL/RW	B2 B9				86	31.1	11				81	26.1	7	94	36.1	16
5	Pioneer	39B90	R1				103	28.4	1				98	25.7	0	111	31.1	2
0	Pioneer	39B94	R1 B5				103	27.6	0				99	29.7	1	103	33.5	1
	Pioneer	39D97	R1 B5				102	27.1	0				99	25.6	2	107	32.4	0
2	NK Brand	N09T-CB/LL/RW	B2 B9				91	29.5	9				94	29.5	6	101	36.4	24
4	Mycogen	2J086	R1				90	29.8	3				96	29.0	1	98	36.1	1
0	Mycogen	2T092	R1 B5				99	33.8	1				99	27.7	2	100	39.9	0
0	Pioneer	39V07	R1 B5				100	30.9	1				98	26.2	0	102	35.6	1
	Dekalb	DKC30-20	V3 B1				101	28.9	0				100	26.4	0	103	31.3	0
	Maizex	MZ 1766BR	R1 B1				101	29.9	1				97	27.6	0	108	32.2	2
	Elite	19H27 RR	R1				97	31.7	0				92	28.7	1	104	34.8	0
	Elite	25T87 RR	R1				92	29.8	3				87	26.6	2	86	36.1	0
	Pioneer	39V08	R1 B5 B7				100	28.7	1				101	27.1	1	105	35.1	0
	Pride Seeds	A4705HMRR	R1				104	33.2	1				104	32.1	2	102	40.4	2
	Dekalb	DKC32-83	V3 B1				95	31.8	0				98	25.6	0	91	38.0	0
	Maizex	MZ 1705CBR	V3 B1				97	31.3	0				93	28.4	0	103	34.3	0
	Pickseed	2447VT3	V3 B1				99	28.3	2				100	24.9	2	98	31.7	1
	Dekalb	DKC33-72	R1				98	27.6	1				98	24.7	1	92	32.9	0
	Dekalb	DKC33-93	R1				103	30.5	0				100	26.8	0	106	34.2	0
2	Hyland	HL B22R	R1 B1				103	29.7	1				103	27.3	1	105	34.8	2
5	Horizon	HZ 750					98	32.5	1				95	31.0	2	92	42.6	0
0	NK Brand	N14D-CB/LL	B2				108	31.9	3				108	28.3	1	102	39.7	5
0	Mycogen	2D140	V3 B1				94	33.2	0				101	27.7	0	86	38.7	0
	Elite	25T99 RR	V3 B1				100	30.2	0				97	26.0	0	102	34.4	0
	Dekalb	DKC33-69	V3 B1				94	30.1	1				96	25.4	1	92	34.8	0
	Dekalb	DKC34-29	R1 B1				101	31.1	0				103	27.0	0	98	35.2	0
	Horizon	HZ 780Hx	B5				101	34.0	1				102	31.3	2	88	44.1	0
	Maizex	MZ 1865CBR	V3 B1				93	34.8	0				99	30.9	0	86	38.7	0
	Maizex	MZ 18-64Bt/RR	R1 B1				100	32.7	1				98	30.3	0	87	39.7	1
	Elite	33K97 RR	R1				112	29.4	1				109	26.1	2	115	32.8	0
	Pride Seeds	A5110G3	V3 B1				105	31.5	0				101	28.2	0	109	37.3	1
	Dekalb	DKC35-44	R1				103	31.5	0				107	27.0	0	97	36.0	0
	Maizex	MZ 2276R	R1				95	32.0	2				99	32.0	4	98	41.4	1
	NK Brand	N15-A9					100	29.4	2				106	26.8	2	99	36.0	2
	Pioneer	P8581R	R1				107	34.7	1				109	28.3	2	104	41.1	0
	Mycogen	2K154	R1 B5				93	38.2	1				99	32.5	2	84	43.9	0
2	Country Farm	CF208R	R1				99	34.6	1				96	33.4	5	86	43.3	0
6	Maizex	MZ 2263Bt	B1				96	31.3	1				97	30.1	0	108	37.9	0
0	Maizex	MZ 308					111	34.7	1				111	30.6	2	111	38.8	0
0	NK Brand	N16-M1	B2				108	30.4	0				109	27.6	1	102	37.4	0

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 1 continued: 2550 - 2800 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages				2009 Trial Averages				Results of 2009 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
2 Mycogen 2P176	V3 B1					92	35.0	0		97	29.4	0	85	40.6	0
6 Pickseed 2642CB/LL	B2					119	35.5	1		121	30.3	2	116	40.6	0
0 Pickseed 2774BtRR	R1 B1	95	31.2	0		94	34.3	0		93	30.1	1	95	38.6	0
0 Pioneer 39B22						118	32.9	3		115	28.2	4	121	37.6	2
Pride Seeds A5131		98	30.2	1		101	33.3	0		97	29.0	0	105	37.6	0
Country Farm CF210RHX	R1 B5					95	37.9	1		97	32.5	2	94	43.4	0
Dekalb DKC36-34	V3 B1					104	31.3	0		103	27.7	0	105	34.8	0
Dekalb DKC36-37	R1	103	29.1	1		104	29.9	2		102	27.7	2	106	32.1	2
NK Brand N17H-CBL/LL	B2					106	32.5	1		108	28.1	1	104	36.8	0
Mycogen 2T220	V3 B1					113	34.1	0		109	30.4	0	118	37.8	0
Elite 25T27 RR	R1	105	33.9	2		101	35.2	2		103	30.4	5	97	40.1	0
Pickseed 2688VT3	V3 B1	101	30.4	0		97	31.3	0		96	28.3	0	98	34.3	0
Pioneer 39D85	R1 B5	108	31.9	1		101	34.4	2		102	28.6	2	100	40.3	2
Maizex MZ 2722BR	B2					99	37.8	17		97	32.4	34	102	43.2	0
Maizex MZ 2790CBR	V3 B1					97	34.5	0		99	29.2	0	94	39.7	0
Pride Seeds A5362Bt	B1	97	31.4	0		98	34.0	0		98	29.7	0	98	38.3	0
Maizex MZ 3020CBR	V3 B1					96	36.1	2		96	31.9	3	96	40.3	1
LSD(0.10) for Yield Index Points**		3				5				4			9		
Average all hybrids***		152	30.8	1		132	32.7	2		149	28.4	2	114	37.1	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)

* Test weight data are not available due to technical problems.

** 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.

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 2: 2800 - 3000 C.H.U. Area

			<u>2008 - 2009 Averages</u>				<u>2009 Trial Averages</u>				<u>Results of 2009 Performance Trials</u>								
			Average of 6 Trials (Elora '08-'09, Wingham '08-'09 Pakenham '08-'09)				Average of 3 Trials (Elora, Pakenham, Wingham)				ELORA			PAKENHAM			WINGHAM***		
Brand and/or Hybrid	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	39V07	R1 B5					97	28.5	0	99	99	24.9	0	93	25.1	0	101	35.6	0
Pioneer	39V08	R1 B5 B7					99	28.6	0	98	98	25.6	0	96	25.3	0	106	34.8	0
2 Dekalb	DKC34-29	R1 B1					99	27.7	0	104	96	25.4	0	102	22.7	0	98	35.0	0
5 Horizon	HZ 780Hx	B5	99	27.9	1	100	98	31.0	0	102	102	28.4	0	95	27.0	0	96	37.6	1
5 Maizex	MZ 1865CBR	V3 B1					101	28.4	1	98	96	26.9	1	111	21.9	1	92	36.5	0
0 Maizex	MZ 18-64Bt/RR	R1 B1	103	26.2	1	100	102	29.6	0	100	100	27.3	0	109	22.7	0	95	38.7	0
Dekalb	DKC35-44	R1					94	28.3	0	102	86	27.4	0	102	22.2	0	94	35.3	0
Maizex	MZ 2276R	R1	91	25.9	3	102	94	30.1	1	103	95	28.9	3	92	25.2	1	95	36.4	0
Pioneer	P8581R	R1					105	30.1	1	100	106	26.6	2	103	26.4	0	106	37.3	0
Maizex	MZ 2263Bt	B1	93	25.8	1	101	96	29.5	0	101	98	27.1	0	92	25.5	0	98	35.8	0
Maizex	MZ 308		103	26.4	5	99	103	31.1	2	98	104	28.4	3	102	27.4	1	102	37.5	1
NK Brand	N16-M1	B2	98	24.8	1	103	101	27.7	0	103	103	24.9	0	103	23.5	0	94	34.6	0
2 Mycogen	2P176	V3 B1					94	29.3	0	100	97	27.0	0	94	24.8	0	91	36.0	0
6 Croplan	2329RR	R1					103	27.1	3	102	96	24.8	5	108	22.3	2	103	34.2	1
0 Pickseed	2642CB/LL	B2					113	30.1	0	97	113	27.0	0	115	27.7	0	109	35.7	0
0 Pickseed	2774BtRR	R1 B1	94	25.7	1	100	93	29.7	0	100	90	27.7	0	98	24.0	0	87	37.3	0
Pioneer	39B22						108	28.9	0	99	109	26.5	1	109	25.0	0	104	35.2	0
Dekalb	DKC36-34	V3 B1					97	29.5	0	102	99	26.2	0	93	25.1	0	101	37.2	0
Dekalb	DKC36-37	R1	96	25.6	1	102	96	29.0	0	103	92	25.7	1	96	23.6	0	101	37.6	0
NK Brand	N17H-CBL/LL	B2					107	27.4	0	105	101	26.0	0	110	24.3	0	110	31.9	0
Mycogen	2T220	V3 B1					104	31.4	0	100	108	28.4	0	98	30.2	0	109	35.8	0
Pickseed	2688VT3	V3 B1	99	26.0	0	102	98	29.1	1	103	99	25.9	0	99	24.7	1	96	36.7	0
Pickseed	2594RR	R1					101	30.1	1	103	101	28.2	2	94	26.0	0	110	36.0	1
Pioneer	39D85	R1 B5	102	26.2	2	102	101	29.8	0	103	106	26	1	98	26.4	0	100	37.0	0
Maizex	MZ 2722BR	B2					107	30.5	3	103	105	27.9	2	118	25.9	5	91	37.9	0
Maizex	MZ 2790CBR	V3 B1	103	25.9	3	99	100	28.6	0	100	96	27	0	106	21.9	0	95	36.8	0
2 NK Brand	N19G-CB/LL	B2					97	28.7	0	106	101	25.5	0	98	25.1	0	91	35.6	0
6 Pioneer	P8906HR	R1 B5					110	29.2	0	98	110	27.5	1	112	25.2	0	108	35.0	0
5 Elite	39C59 RR	V3 B1					103	28.4	0	102	97	26.2	0	102	22.6	0	112	36.4	1
0 Croplan	238VT3	V3 B1	87	25.9	1	101	84	29.6	0	101	84	27.3	0	82	25.5	1	87	36.0	0
Croplan	2538RR	R1	93	27.5	1	102	92	31.3	1	104	93	28.7	1	93	27.3	1	89	37.8	1
Pioneer	39B23	R1 B5	107	27.5	1	99	106	30.7	0	99	105	27.9	1	106	27.4	0	107	36.7	0
Pride Seeds	A5362Bt	B1	91	26.0	0	100	90	29.7	0	100	89	27.5	0	89	25	0	92	36.5	0
Pride Seeds	A5365G3	V3 B1	91	25.8	0	100	89	29.0	0	101	90	27.1	0	86	24.2	0	92	35.6	0
Dekalb	DKC38-26	V3 B1	104	26.8	0	101	103	30.3	1	103	96	27.4	1	111	26.4	1	99	37.1	0
Dekalb	DKC38-32	R1					102	29.7	0	101	99	26.9	0	105	25.7	0	101	36.4	0
Hyland	HL B27R	R1 B2					95	31.1	1	102	97	29.6	1	89	26.9	2	102	36.9	0
Elite	25T29 RR	V3 B1	103	26.1	2	101	104	29.9	0	100	103	27.2	1	101	24.9	0	113	37.6	0
Pioneer	38B13	R1 B5	114	27.5	0	97	108	30.7	0	96	104	28.7	0	107	26.2	0	114	37.2	0
Pride Seeds	A5672RR	R1	97	26.8	4	98	98	30.6	2	97	101	28.2	2	98	26.2	2	93	37.4	2

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 2 continued: 2800 - 3000 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials											
		Average of 6 Trials				Average of 3 Trials				ELORA			PAKENHAM			WINGHAM***					
		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			
Dekalb DKC39-47 R1									99	31.2	1	101	98	28.0	1	99	28.0	0	100	37.6	1
Dekalb DKC40-20 V3 B1									105	31.8	0	99	103	29.2	0	103	27.5	0	111	38.8	0
Hyland HL CVR34 V3 B1			99	27.4	0	100	100	31.4	0	100	100	29.6	0	101	27.7	0	99	36.8	0		
Hyland HL R230 R1		103	26.1	1	100	102	30.2	1	100	104	28.1	1	93	26.9	1	114	35.6	0			
2 Horizon HZ 830GT R2									96	29.6	1	99	94	27.6	2	95	24.8	0	100	36.5	2
7 Maizex MZ 3020CBR V3 B1									99	30.8	1	103	96	28.8	2	105	26.3	0	93	37.2	0
0 NK Brand N23F-3000GT R2 B2 B9		101	26.6	1	101	103	29.9	1	102	107	27.7	1	107	26.8	0	91	35.3	1			
0 NK Brand N23K-CB/LL B2		108	26.6	2	98	113	30.3	0	97	118	28.0	0	109	27.6	0	115	35.4	0			
Pioneer P9176XR R1 B5 B7									98	30.6	1	98	97	28.2	1	100	25.1	0	97	38.6	0
Elite X2530 B2		107	26.8	1	99	113	30.5	0	97	110	28.0	0	122	26.3	0	103	37.2	0			
Mycogen 2C302 R1 B5									93	32.7	1	98	92	30.8	2	93	27.6	0	95	39.6	0
Pickseed 2764									96	31.3	1	101	101	28.1	3	91	28.4	0	96	37.5	1
Croplan 2738VT3 V3 B1									107	30.3	2	97	105	28.3	5	110	25.6	1	107	37.0	0
Pioneer 38B14 R1 B5 B7									106	31.2	0	96	111	28.9	0	100	27.1	0	108	37.8	0
Pickseed 2729GT/CB/LL R2 B2									103	29.1	0	103	105	26.6	0	107	25.0	0	95	35.7	0
Dekalb DKC41-60 V3 B1									103	31.3	1	99	106	29.3	1	102	27.7	1	100	36.8	0
2 Hyland HL B33R R1 B1		96	27.6	1	99	85	31.5	1	98	84	28.6	0	84	26.8	2	88	39.1	0			
7 Hyland HL B34R R1 B1		103	28.0	2	99	99	31.8	0	99	104	29.2	0	95	27.7	1	97	38.6	0			
5 Hyland HL CVR36 V3 B1									96	32.2	2	98	99	29.2	2	95	28.4	3	94	39.2	0
0 Hyland HL CVR44 V3 B1		90	27.5	1	99	86	31.7	0	98	85	29.8	0	86	26.6	0	85	38.8	0			
NK Brand N25N-L1 R2		101	26.3	4	101	104	29.3	0	102	103	25.9	0	107	25.5	0	99	36.5	0			
Hyland HL CVR48 V3 B1									98	29.4	2	101	99	27.2	6	100	23.7	0	94	37.4	0
Maizex MZ 3061CBR V3 B1									92	30.4	0	98	93	27.4	0	89	26.6	0	96	37.1	0
Maizex MZ 3860CBR V3 B1									90	33.1	0	99	95	31.6	0	79	30.8	0	102	36.8	0
Elite 88J79 RR V3 B1									99	30.8	1	98	97	29.0	2	100	26.1	3	99	37.5	0
Pride Seeds A6011RR R1									108	30.9	2	98	107	28.4	6	106	26.1	0	111	38.1	0
2 Pride Seeds A6012G3 V3 B1		109	28.2	0	98	103	31.4	0	98	105	29.5	0	100	26.6	0	106	38.0	1			
8 NK Brand N27-W8 B2		104	26.7	2	101	108	30.4	0	101	107	26.7	0	105	27.6	0	113	36.9	0			
0 Mycogen 2D326 R1 B1 B6									92	32.7	1	98	95	30.2	2	93	27.5	0	88	40.3	0
0 Mycogen 2J337 V3 B1									104	31.9	0	99	99	30.2	0	98	27.6	0	119	37.8	0
Pickseed 2825Bt B1									102	32.0	0	93	106	30.4	0	96	27.9	1	105	37.7	0
NK Brand N29T-CB/LL B2		112	28.2	2	96	110	32.6	1	95	113	29.0	0	116	28.5	3	95	40.3	1			
LSD(0.10) for Yield Index Points*		3				3				5			5			9					
Average all hybrids**		174	26.6	1	63	168	30.2	1	59	175	27.8	1	204	25.9	1	127	36.9	0			
European Corn Borer Pressure											Low			None					Low		

* 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.

*** The 2009 trial at Wingham was damaged by frost in mid-September, resulting in low yields, very high moisture contents and low test weights.

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.

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 3 East: 2900 - 3100 C.H.U. Area

				2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials								
				Average of 6 Trials				Average of 3 Trials				LANCASTER			OTTAWA			WINCHESTER		
				(Ottawa '08-'09, Lancaster '08-'09 Winchester '08-'09)				(Ottawa, Lancaster Winchester)												
Brand and/or Hybrid	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		
2	Maizex	MZ 2722BR	B2			114	25.8	1	102	123	25.4	1	107	28	0	113	24.1	1		
6	Pioneer	P8906HR	R1 B5			110	27.0	1	100	109	26.3	3	105	28.4	0	117	26.3	0		
5	Pioneer	39B23	R1 B5	100	25.8	5	100	100	28.2	3	101	103	28.4	9	96	29.0	0	102	27.2	0
0	Dekalb	DKC38-26	V3 B1	100	23.6	2	103	102	25.2	1	105	102	25.3	1	103	28.7	0	100	21.5	0
	Dekalb	DKC38-32	R1			98	25.5	0	102	103	26.1	0	98	28.2	1	92	22.3	0		
	Pioneer	38B13	R1 B5	108	24.9	2	99	108	26.3	1	99	112	26.2	2	105	28.1	0	108	24.6	0
	Dekalb	DKC39-47	R1			96	26.4	2	103	94	27.6	5	99	28.0	0	94	23.6	2		
	Dekalb	DKC40-20	V3 B1			97	27.1	3	100	96	27.5	9	100	28.9	0	95	25.0	0		
	Horizon	HZ 830GT	R2			96	24.9	7	102	102	24.5	19	96	27.3	0	90	22.8	3		
2	Maizex	MZ 3020CBR	V3 B1			101	26.4	3	102	98	26.6	9	102	27.9	0	102	24.5	0		
7	NK Brand	N23F-3000GT	R2 B2 B9	102	23.9	6	103	102	26.2	0	103	105	26.6	1	100	27.2	0	101	24.9	0
0	NK Brand	N23K-CB/LL	B2	106	25.0	9	99	105	27.1	3	99	108	25.8	9	102	28.8	0	106	26.7	0
0	Pioneer	P9176XR	R1 B5 B7			101	26.2	1	98	99	27.6	4	100	26.7	0	103	24.4	0		
	Mycogen	2C302	R1 B5			90	29.7	1	100	93	28.9	1	89	33.9	0	88	26.2	1		
	Pioneer	38B14	R1 B5 B7			105	26.8	1	97	104	27.7	2	105	28.5	0	105	24.3	0		
	Pioneer	38N88	R1 B5			105	27.9	1	99	103	26.2	3	107	28.6	0	104	29.0	0		
2	Dekalb	DKC41-60	V3 B1	99	24.8	10	101	100	27.1	2	100	106	27.5	7	99	28.9	0	96	24.8	0
7	NK Brand	N25N-GT/CB/LL	L1 R2	102	23.5	11	104	104	25.8	0	103	111	25.1	0	98	27.4	0	104	25.0	0
5	Pioneer	38H08	R1 B5	107	24.7	14	96	107	26.7	3	93	113	25.7	10	98	29.8	0	110	24.5	0
0	Country Farm	CF370R	R1			96	26.2	2	103	99	26.5	1	103	29.0	1	86	23.3	3		
	Dekalb	DKC42-72	V3 B1			102	28.3	6	96	101	29.5	18	101	29.9	0	104	25.6	1		
	Maizex	MZ 3061CBR	V3 B1	86	23.7	4	101	90	26.1	1	101	83	26.6	2	93	27.4	0	93	24.4	0
	Maizex	MZ 3860CBR	V3 B1	90	27.0	3	101	91	29.8	0	99	95	29.1	0	86	34.0	0	92	26.2	0
	Pride Seeds	A6011RR	R1			103	27.1	8	99	105	28.1	22	104	29.2	0	99	24.0	1		
	Pride Seeds	A6012G3	V3 B1	100	26.3	6	100	101	28.5	4	100	98	28.4	11	100	30.8	0	107	26.2	0
	Dekalb	DKC43-27	V3 B1	90	25.3	2	99	91	27.8	3	99	92	29.6	8	95	29.4	0	85	24.3	0
	Dekalb	DKC43-61	V3 B1	101	28.5	1	99	98	32.0	0	100	97	31.9	1	96	36.1	0	101	28.2	0
2	Dekalb	DKC43-64	R1			98	27.7	0	100	98	28.5	0	101	28.8	0	97	25.8	0		
8	NK Brand	N27B-CB/LL/RW	B2 B9	101	26.7	9	98	98	29.9	2	99	96	29.3	4	94	34.2	0	104	26.1	0
0	NK Brand	N27-W8	B2	99	24.4	4	101	101	25.7	2	101	103	26.1	6	103	27.9	0	96	23.3	1
0	Elite	VIBE	B1	106	26.9	11	101	100	28.2	8	101	109	27.9	16	97	30.5	0	94	26.3	7
	Mycogen	2D326	R1 B1 B6	91	25.6	3	99	91	28.5	2	98	88	30.3	6	94	29.9	0	91	25.3	0
	Mycogen	2J337	V3 B1			105	28.5	4	99	100	29.7	13	109	28.9	0	105	26.9	0		
	Pickseed	2825Bt	B1			106	30.0	1	96	103	30.6	3	108	30.1	0	107	29.2	0		
	Croplan	2924VT3	V3 B1			105	28.0	2	101	107	28.7	7	99	30.8	0	109	24.7	0		
	Pioneer	38M58	R1 B5	105	25.2	4	100	111	26.3	1	99	106	25.8	4	109	28.3	0	118	24.9	0
	Pioneer	38M59	B1	107	25.4	3	101	108	26.6	1	98	103	27.3	3	103	27.7	0	119	24.7	0
	Hyland	HL B38R	R1 B1	103	26.3	8	100	105	28.1	0	101	109	28.3	0	110	30.3	0	97	25.6	0
	Hyland	HL CVR54	V3 B1	98	26.3	11	98	105	28.2	5	99	106	29.2	15	109	29.6	0	101	25.8	0
	Hyland	HL R238	R1	107	25.1	11	98	109	27.4	2	98	113	27.7	6	108	30.5	0	108	24.0	0
2	NK Brand	N29T-CB/LL	B2	107	25.8	14	98	105	28.6	3	98	108	28.4	9	103	30.6	0	105	26.8	1
8	Pride Seeds	A6094G3	V3 B1	91	25	7	102	95	27.3	2	103	95	28.1	6	100	28.6	1	89	25.4	0
5	Dekalb	DKC46-05	R1			95	28.7	4	104	97	29.3	11	92	30.7	0	97	26.0	1		
0	Horizon	HZ 975Hx	B5			101	31.1	1	103	99	32.4	3	97	34.0	0	107	26.9	0		
	NK Brand	N29A-3000GT	R2 B2 B9			97	30.5	3	100	93	32.9	9	98	31.1	0	99	27.5	0		

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 3 East Continued: 2900 - 3100 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages Average of 6 Trials				2009 Trial Averages Average of 3 Trials				Results of 2009 Performance Trials								
		Yield Index	Moist. %	% Ldg	Test Wt. Index	Yield Index	Moist. %	% Ldg	Test Wt. Index	LANCASTER			OTTAWA			WINCHESTER		
										Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%
2 Pioneer P9512XR	R1 B5 B7					104	30.2	0	96	103	30.7	0	108	29.3	0	103	30.6	0
8 Pioneer 38A57	R1 B5	103	26.2	2	102	104	27.6	2	102	102	26.5	6	102	29.9	0	107	26.4	0
5 Elite 44S21 RR	R1	99	25.9	10	103	96	28.2	9	104	90	29.7	25	100	28.6	0	97	26.2	3
0 Elite 90M44 LL	B2	104	27.1	15	100	102	30.6	4	100	102	29.2	11	105	32.8	0	99	29.7	1
Country Farm CF480R	R1	101	25.3	0	103	100	27.0	1	103	101	27.4	1	103	29.2	0	95	24.3	1
Country Farm CF447VT3	V3 B1					102	29.2	1	103	100	31.4	3	104	29.3	0	102	26.8	0
Hyland HL B42R	R1 B1					105	29.9	3	97	105	29.1	7	102	33.2	0	109	27.4	2
Mycogen 2J463	V3 B1					95	30.3	1	97	94	32.2	4	98	33.2	0	93	25.6	0
Pickseed 2832GT/CB/LL	R2 B2	101	30.9	3	97	88	35.1	1	98	82	38.6	2	92	31.6	0	91	35.0	0
Pride Seeds A6535G3	V3 B1					99	30.8	1	101	100	32.2	2	100	32.7	0	97	27.4	0
Pride Seeds A6564G3	V3 B1	95	26.3	6	100	95	29.1	3	99	92	28.6	7	94	32.5	0	99	26.2	1
Dekalb DKC44-92	R1	97	26.9	4	98	96	29.8	3	97	96	30.9	9	98	31.9	0	93	26.6	0
Dekalb DKC46-60	V3 B1	96	26.3	2	98	95	29.0	1	98	94	30.9	3	96	29.4	0	96	26.6	0
Dekalb DKC47-02	V3 B1					98	30.0	1	106	97	28.6	3	97	32.0	0	99	29.4	0
Hyland HL CVR64	V3 B1	105	26.3	4	98	103	29.4	0	98	99	30.1	1	105	30.1	0	103	27.9	0
2 Hyland HL R247	R1					96	31.1	0	99	94	29.8	1	100	33.8	0	94	29.5	0
9 Maizex MZ 3892CBR	V3 B1					88	30.9	6	101	89	29.5	13	88	34.6	0	86	28.6	4
0 Maizex MZ 3977CBR	V3 B1					98	28.8	4	102	100	30.3	11	96	28.9	0	99	27.2	1
0 NK Brand N33-E1	B2	99	28.0	4	99	95	32.1	3	99	92	32.0	10	96	34.9	0	96	29.3	0
NK Brand N34N-CB/LL	B2					103	29.7	2	98	104	30.2	7	101	31.1	0	104	27.9	0
Mycogen 2P484	V3 B1					105	28.1	2	96	104	29.3	6	108	29.7	0	102	25.3	0
Pickseed 2868VT3	V3 B1					105	28.1	2	99	101	28.2	6	105	28.9	0	110	27.1	0
Elite 44S22 RR	R1 B1	101	26.3	4	102	96	28.0	3	101	96	27.0	7	97	30.6	1	96	26.4	2
Pickseed 4956Bt	B1	97	27.1	8	99	96	29.9	6	99	95	30.9	17	101	30.9	0	93	27.9	0
2 Pride Seeds A6619RR	R1	100	27.8	2	99	100	31.0	1	99	94	33.0	1	104	29.8	0	101	30.3	0
9 Maizex MZ 357						100	30.8	1	96	99	31.5	3	93	34.3	1	108	26.6	0
5 Pride Seeds A6622G3	V3 B1	96	27.9	3	101	94	31.8	1	103	93	34.7	2	97	30.0	0	93	30.8	0
0 Maizex MZ 3969CBR	V3 B1					105	31.3	1	99	108	29.8	4	100	36.2	0	108	27.9	0
NK Brand N40T-3000GT	R2 B2 B9					88	35.5	2	104	85	36.1	5	92	36.7	0	88	33.7	1

LSD(0.10) for Yield Index Points*

3

3

5

6

5

Average all hybrids**

207

26.0

6

64

195

28.6

2

59

188

29.0

6

203

30.4

0

195

26.4

1

European Corn Borer Pressure

Low

Low

Low

* 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.

Note: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

Table 3 West: 2900 - 3100 C.H.U. Area

Brand and/or Hybrid		Notes		2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials								
				Average of 6 Trials (Dublin '08-'09, Blyth '08-'09 Waterloo '08-'09)				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				
2	Pioneer	P8906HR	R1 B5					103	30.9	0	102	106	33.1	0	106	33.3	0	97	26.3	0
6	Pioneer	39B23	R1 B5	94	27.7	0	101	100	31.7	1	100	101	34.4	0	95	33.9	1	103	26.8	1
5	Dekalb	DKC38-26	V3 B1	97	27.0	0	103	95	31.2	0	103	93	34.2	0	95	33.2	0	98	26.3	0
0	Dekalb	DKC38-32	R1					101	32.0	1	103	96	35.2	1	106	32.9	0	100	27.9	1
	Pioneer	38B13	R1 B5	109	28.1	0	100	113	31.9	0	99	111	34.8	1	118	32.5	0	110	28.3	0
	Dekalb	DKC39-47	R1					96	32.5	1	103	96	35.1	0	93	34.0	1	100	28.3	2
	Dekalb	DKC40-20	V3 B1					99	32.5	1	101	98	34.9	0	103	34.2	0	95	28.3	3
	Horizon	HZ 830GT	R2					91	29.5	4	102	95	33.7	4	90	29.7	2	88	25.2	6
2	Maizex	MZ 3020CBR	V3 B1					99	32.2	1	104	95	35.8	0	107	34.0	0	95	26.8	2
7	NK Brand	N23F-3000GT	R2 B2 B9	99	27.2	0	102	99	30.5	0	103	99	34.1	0	99	31.0	0	99	26.3	0
0	NK Brand	N23K-CB/LL	B2	102	26.6	1	100	103	30.1	1	98	96	33.3	2	102	31.1	0	110	25.8	2
0	Pioneer	P9176XR	R1 B5 B7					97	31.1	1	98	93	35.1	0	99	32.4	0	99	25.9	2
	Mycogen	2C302	R1 B5					91	32.4	1	101	83	35.3	0	92	34.8	0	97	27.0	2
	Pioneer	38B14	R1 B5 B7					107	32.4	0	100	104	35.8	0	112	34.0	0	104	27.4	1
	Pioneer	38N88	R1 B5					98	31.7	2	101	95	34.8	1	97	34.1	0	103	26.2	6
2	Dekalb	DKC41-60	V3 B1	102	27.8	0	100	103	32.3	0	99	103	34.9	0	99	34.3	1	105	27.5	1
7	Masters Choice	MC-468						88	31.0	2	103	91	33.8	0	88	33.5	0	85	25.8	7
5	NK Brand	N25N-GT/CB/LL	L1 R2	94	26.2	0	103	98	29.8	0	104	97	32.5	0	97	31.2	0	102	25.7	0
0	Pioneer	38H08	R1 B5	108	27.6	2	99	105	31.8	2	96	109	34.8	1	100	33.6	0	106	26.9	5
	Country Farm	CF370R	R1					97	30.5	2	102	94	34.0	3	96	33.0	0	100	24.7	3
	Dekalb	DKC42-72	V3 B1					100	32.3	1	99	104	35.0	0	94	34.0	0	102	27.7	2
	Maizex	MZ 3061CBR	V3 B1	91	27.0	0	101	92	31.1	0	100	97	35.0	0	85	32.9	0	93	25.4	0
	Maizex	MZ 3860CBR	V3 B1	95	29.2	0	100	95	33.3	0	100	90	35.9	0	99	35.4	0	97	28.7	1
	Elite	88J79 RR	V3 B1					95	32.4	2	102	105	35.4	0	88	35.0	2	93	26.7	4
	Pride Seeds	A6011RR	R1					108	31.9	3	99	116	35.2	1	103	34.0	0	106	26.5	7
	Pride Seeds	A6012G3	V3 B1	103	28.5	0	100	101	31.7	0	100	98	35.1	0	106	33.7	0	99	26.1	1
	Dekalb	DKC43-27	V3 B1	99	28.4	0	101	100	32.7	0	102	102	36.0	0	98	34.4	0	99	27.7	0
	Dekalb	DKC43-61	V3 B1	100	30.0	0	100	97	34.8	0	100	93	36.4	0	100	35.0	0	99	33.0	0
2	Dekalb	DKC43-64	R1	100	28.7	0	100	100	32.6	0	101	103	35.0	0	101	34.3	0	96	28.6	1
8	Masters Choice	MC-480						100	31.3	3	100	102	33.8	3	100	33.7	0	97	26.4	5
0	NK Brand	N27B-CB/LL/RW	B2 B9	101	27.9	0	100	103	31.9	0	99	106	34.9	0	102	33.0	0	102	27.8	1
0	NK Brand	N27-W8	B2	97	26.9	0	101	106	30.1	0	101	107	33.1	0	107	31.8	1	102	25.3	0
	Mycogen	2D326	R1 B1 B6	97	28.8	0	99	98	33.1	0	98	102	36.1	0	91	34.5	0	100	28.7	1
	Mycogen	2J337	V3 B1					100	32.9	1	101	96	35.7	0	105	34.3	0	100	28.6	2
	Pickseed	2825Bt	B1					111	32.3	0	96	115	35.0	0	113	34.3	0	106	27.7	0
	Croplan	2924VT3	V3 B1					104	32.4	1	101	104	35.3	1	103	33.7	0	107	28.2	1
	Pioneer	38M58	R1 B5	104	28.7	1	100	105	31.8	1	101	100	35.4	0	112	34.1	0	103	26.0	3
	Pioneer	38M59	B1	101	28.9	0	100	96	31.7	1	102	93	35.5	1	92	32.7	1	104	26.8	1
	Hyland	HL B38R	R1 B1	104	29.6	0	99	109	34.3	0	99	104	36.8	0	105	35.2	1	116	30.9	1
	Hyland	HL CVR54	V3 B1	102	29.0	0	99	100	33.1	0	99	100	36.2	0	92	34.8	0	109	28.2	1
	Hyland	HL R238	R1	102	28.2	2	99	105	32.3	2	98	103	35.8	0	106	33.3	0	107	27.9	5
2	NK Brand	N29T-CB/LL	B2	107	27.2	1	98	102	31.5	1	96	106	34.7	0	103	32.0	0	98	27.8	2
8	Pride Seeds	A6094G3	V3 B1	95	28.2	0	101	97	32.2	0	101	104	34.5	0	93	33.6	0	96	28.6	0
5	Dekalb	DKC46-05	R1					98	33.2	2	103	99	36.1	2	98	35.8	1	96	27.6	5
0	Horizon	HZ 975Hx	B5					98	36.2	1	98	98	39.0	0	95	37.6	0	100	32.0	2

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 3 West Continued: 2900 - 3100 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials								
		Average of 6 Trials				Average of 3 Trials				BLYTH			DUBLIN			WATERLOO		
		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
2 NK Brand N29A-3000GT	R2 B2 B9					103	32.8	0	98	103	35.1	0	103	34.3	0	102	29.0	1
8 Pioneer P9512XR	R1 B5 B7					100	33.1	0	96	97	36.1	0	102	34.6	0	101	28.6	1
5 Elite 15W19 RR	V3 B1	101	29.2	1	100	102	33.7	1	100	98	36.4	1	105	35.3	1	103	29.3	2
0 Pioneer 38A57	R1 B5	100	29.0	0	101	94	32.3	0	102	99	35.2	0	90	33.7	0	92	27.9	1
Elite 90M44 LL	B2					104	33.1	1	100	109	35.4	0	103	34.0	0	100	30.0	2
Country Farm CF480R	R1	101	29.2	1	101	102	33.2	2	103	101	35.2	0	106	33.9	1	99	30.5	5
Country Farm CF447VT3	V3 B1					100	33.0	1	102	102	35.1	0	96	33.7	0	102	30.2	2
Hyland HL B42R	R1 B1					98	34.9	1	98	100	37.2	1	98	35.8	0	95	31.6	3
Mycogen 2J463	V3 B1					101	34.6	1	98	99	36.2	1	99	34.6	1	104	33.0	0
Pickseed 2832GT/CB/LL	R2 B2	99	31.3	0	98	95	37.5	0	95	94	39.2	0	101	37.1	0	91	36.2	0
Pride Seeds A6535G3	V3 B1					97	34.4	0	102	95	36.2	0	103	36.2	0	94	30.9	1
Pride Seeds A6564G3	V3 B1	96	29.7	0	100	97	33.3	0	101	100	37.0	0	92	34.5	0	99	28.5	1
Dekalb DKC44-92	R1	99	29.6	1	99	100	34.3	1	98	98	36.5	2	103	35.4	0	99	31.0	2
Dekalb DKC46-60	V3 B1	100	29.2	0	99	103	32.9	0	99	99	35.9	0	107	34.6	0	103	28.4	0
Dekalb DKC47-02	V3 B1					95	33.5	0	103	99	36.0	0	92	34.8	0	94	29.7	0
Hyland HL CVR64	V3 B1	102	29.6	0	99	99	33.6	1	98	101	35.9	0	97	35.4	2	97	29.5	0
2 Hyland HL R247	R1					99	33.3	2	99	95	37.2	0	103	33.8	2	99	28.8	5
9 Maizex MZ 3892CBR	V3 B1					100	32.8	2	101	91	36.4	0	111	33.6	0	98	28.6	5
0 Maizex MZ 3977CBR	V3 B1					105	33.7	2	103	106	36.0	0	105	35.2	1	104	29.8	4
0 NK Brand N33-E1	B2	98	29.5	0	98	101	33.2	0	98	102	36.0	0	104	35.1	0	96	28.7	1
NK Brand N34N-CB/LL	B2					104	32.7	1	99	104	35.3	1	109	34.7	0	97	28.2	1
Elite X3617	R2 B2					100	34.3	1	97	100	36.9	0	100	35.2	3	100	30.8	1
Mycogen 2P484	V3 B1					104	33.5	0	97	107	36.8	0	101	34.6	0	103	29.1	0
Pickseed 2868VT3	V3 B1					95	33.5	0	100	97	35.5	0	96	34.2	0	92	30.7	1
Pickseed 4956Bt	B1	100	30.0	1	100	100	34.1	1	100	95	36.8	0	102	34.9	0	102	30.6	4
2 Pride Seeds A6619RR	R1	103	29.9	1	99	104	34.1	2	100	107	35.8	0	98	35.3	1	106	31.2	4
9 Maizex MZ 357						99	35.6	0	100	101	39.1	0	95	36.8	0	102	30.9	1
5 Elite 15W67 RR	R1					106	35.8	2	100	106	37.2	0	104	36.7	0	108	33.5	6
0 Pride Seeds A6622G3	V3 B1	98	29.4	0	100	99	33.5	0	101	97	36.3	0	96	35.1	0	104	29.2	0
Maizex MZ 3969CBR	V3 B1					101	35.3	1	98	100	37.7	0	103	36.8	1	102	31.4	2
NK Brand N40T-3000GT	R2 B2 B9					91	38.8	0	100	96	41.7	1	88	39.3	0	88	35.3	0

LSD(0.10) for Yield Index Points*

3

5

9

10

7

Average all hybrids**

182

28.6

0

63

166

32.8

1

61

169

35.7

0

167

34.2

0

163

28.6

2

European Corn Borer Pressure

Low

Low

Low

* 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.

Note: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

Table 4: 3000 - 3200 C.H.U. Area

		<u>2008 - 2009 Averages</u>					<u>2009 Trial Averages</u>					<u>Results of 2009 Performance Trials</u>											
		Average of 8 Trials (Exeter '08-'09, Ilderton '08-'09 Thorndale '08-'09, Woodstock '08-'09)					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	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg		
Pioneer	38N88	R1 B5				100	29.7	0		100	28.8	0	100	31.5	0	100	35.4	0	103	23.2	0		
Pioneer	38H08	R1 B5				101	28.1	0		100	27.9	1	98	27.4	0	101	33.3	0	104	23.8	0		
Pioneer	38M58	R1 B5	101	26.4	0	102	28.3	0		96	27.6	1	102	27.8	0	99	34.7	0	109	23.3	0		
Pioneer	38M59	B1	96	26.4	0	98	28.5	0		99	27.5	1	99	28.4	0	93	34.0	0	99	24.0	0		
2 Dekalb	DKC46-05	R1				99	29.5	0		92	28.4	0	106	29.5	0	91	34.8	0	104	25.2	2		
8 Horizon	HZ 975Hx	B5				98	31.9	0		95	32.0	1	100	31.2	0	97	36.8	0	100	27.6	0		
5 Pioneer	P9512XR	R1 B5 B7				107	30.8	0		103	30.1	0	109	31.8	0	108	35.5	0	107	25.9	0		
0 Pioneer	38A57	R1 B5	97	27.0	0	98	29.8	0		95	30.2	0	96	28.4	0	97	35.4	0	105	25.2	0		
Farmed Right	FA375009									no seed at planting			no seed at planting			no seed at planting			104	26.2	1		
Hyland	HL B42R	R1 B1				100	31.7	0		103	32.4	0	97	32.3	0	100	35.9	0	101	26.1	0		
Hyland	HL B40R	R1 B1				108	32.1	0		103	31.7	0	104	32.1	0	112	36.1	0	113	28.4	0		
Mycogen	2J463	V3 B1				99	30.1	0		100	30.3	0	101	28.6	0	92	35.7	0	101	25.6	0		
Pride Seeds	A6535G3	V3 B1				100	30.4	1		98	29.5	0	102	30.7	0	99	35.5	0	99	25.9	2		
Dekalb	DKC44-92	R1	99	26.5	1	103	30.2	0		106	28.8	0	105	30.2	0	97	35.9	0	104	26.1	0		
Dekalb	DKC46-60	V3 B1	95	26.8	0	93	29.5	0		96	28.4	0	91	28.9	0	85	35.1	0	99	25.5	0		
Dekalb	DKC47-02	V3 B1				92	30.4	0		89	30.2	0	91	30.0	0	97	35.8	0	93	25.8	0		
Hyland	HL CVR64	V3 B1				101	29.7	0		99	30.5	0	95	28.0	0	102	35.7	0	107	24.6	0		
2 Hyland	HL R247	R1				101	30.4	1		102	29.4	0	101	30.5	0	95	36.1	0	105	25.7	2		
9 Horizon	HZ 991		97	29.9	2	100	33.4	0		106	32.7	0	95	34.1	0	99	38.3	0	98	28.6	2		
0 Masters Choice	MC-490		95	29.5	1	100	31.8	1		99	31.8	0	98	31.8	4	107	36.6	0	95	26.8	1		
0 Maizex	MZ 3892CBR	V3 B1	96	26.0	0	94	29.7	0		93	28.8	0	94	29.7	0	91	34.9	0	97	25.6	1		
Maizex	MZ 3977CBR	V3 B1				98	30.9	0		105	30.0	0	91	31.1	0	96	35.5	0	99	27.1	1		
NK Brand	N33-E1	B2	96	26.0	0	102	29.6	0		91	27.1	0	115	29.6	0	100	35.4	0	101	26.3	0		
NK Brand	N34N-CB/LL	B2				106	29.3	0		99	27.4	1	112	30.2	0	102	35.5	0	112	24.2	0		
Mycogen	2P484	V3 B1				99	29.8	0		101	29.6	1	99	29.2	0	95	35.3	0	99	25.0	0		
Pickseed	2868VT3	V3 B1				93	29.8	0		92	29.0	0	91	30.3	0	91	35.1	0	98	25.0	0		
Dekalb	DKC48-37	V3 B1				97	31.1	1		103	30.8	0	93	30.5	1	103	36.0	0	88	27.2	2		
Country Farm	CF494VT3	V3 B1	100	27.7	1	97	32.3	0		100	31.9	0	97	32.4	0	97	37.1	0	93	27.8	0		
Hyland	HL CVR68	V3 B1				99	32	1		103	32.5	2	96	32.6	0	92	35.8	0	106	26.9	0		
Horizon	HZ 995Bt	B2				96	35.0	0		94	34.8	0	97	35.5	0	94	39.1	0	100	30.6	0		
2 Maizex	MZ 357		99	27.2	1	102	30.9	1		91	31.7	1	110	30.7	0	101	36.4	2	105	25.0	0		
9 NK Brand	N33J-GT/CB/LL	L1 B2	102	25.4	0	104	28.8	0		105	27.3	0	97	29.7	0	109	34.9	0	106	23.3	1		
5 Pioneer	P9990XR	R1 B5 B7				108	31.5	1		122	31.8	2	102	31.1	0	108	36.3	0	101	26.7	0		
0 Croplan	3624VT3	V3 B1	97	27.4	0	100	29.8	0		97	27.8	0	105	30.0	0	94	35.6	0	103	25.7	0		
Pioneer	37V63	R1 B5 B7	108	27.7	0	105	30.4	0		98	30.1	1	102	29.4	0	107	35.9	0	114	26.3	0		
Pioneer	37Y14	R1 B5 B7	105	27.6	0	106	30.6	0		105	31.3	0	100	30.4	0	112	35.1	0	105	25.7	1		
Croplan	3724VT3	V3 B1	98	28.2	0	94	31.4	1		88	31.8	0	98	31.7	1	99	35.2	0	93	26.8	2		
Croplan	388TS	R1 B1 B6	101	27.3	0	102	30.4	0		108	29.1	0	104	30.8	0	92	36.2	0	102	25.6	0		
Pride Seeds	A6843G3	V3 B1				96	31.8	0		102	33.2	0	97	31.3	0	90	36.2	0	94	26.6	0		
Pride Seeds	A6622G3	V3 B1				93	30.0	0		95	29.1	0	97	29.6	0	86	35.9	0	92	25.3	1		
Country Farm	CF572HX	B5				111	34.4	1		112	34.6	3	116	34.2	0	114	39.1	0	103	29.8	0		
Country Farm	CF574RHXT	R1 B5 B8				103	34.2	3		105	33.6	11	93	34.3	1	115	39.6	0	101	29.4	0		
Dekalb	DKC50-19	V3 B1				96	30.5	0		94	30.1	0	99	29.8	0	95	35.5	0	97	26.7	0		
Maizex	MZ 3969CBR	V3 B1	102	27.7	0	104	32	0		101	32.1	1	102	31.7	1	110	37.1	0	101	26.9	0		
Maizex	MZ 4272R	R1	99	28.1	1	96	31.8	0		93	30.6	1	110	32.7	0	94	36.6	0	87	27.4	0		

Note: The accuracy of moisture measurement decreases as moisture content increases.
Results for hybrids with very high moisture contents should be interpreted with caution.

Table 4 continued: 3000 - 3200 C.H.U. Area

		2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials											
		Average of 8 Trials				Average of 4 Trials				EXETER			ILDERTON			THORNDALE			WOODSTOCK		
Brand and/or Hybrid	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	Yield Index	Moist. %	% Ldg
Country Farm	CF558VT3	V3 B1	99	28.9	0	92	31.8	0		78	30.8	0	89	32.5	0	99	37.0	0	102	26.8	0
Maizex	MZ 4275CBR	V3 B1				95	32.0	0		96	31.9	0	101	32.6	0	92	37.0	0	91	26.5	0
3 NK Brand	N40T-3000GT	R2 B2 B9				92	33.9	0		96	32.1	0	96	34.5	0	89	38.7	0	88	30.5	0
0 NK Brand	N41C-3000GT	R2 B2 B9	95	28.3	0	96	32.3	0		92	31.7	0	101	32.1	0	97	37.4	0	96	28.1	0
0 Mycogen	2A499	B5 B8				99	32.7	0		98	32.4	0	107	33.5	0	96	36.9	0	95	27.9	0
0 Pickseed	3040GT/CB/LL	R2 B2				101	31.8	0		107	30.6	0	101	32.0	0	101	37.1	0	96	27.6	0
Elite	72Y67 RR	R1				107	32.8	1		103	32.5	2	113	32.3	0	112	38.5	0	99	27.9	1
Pickseed	2929VT3	V3 B1	102	29.7	0	98	32.9	0		97	32.3	0	92	33.0	0	98	36.9	0	105	29.5	1
Horizon	HZ 1025Hx	B5				99	34.4	1		94	34.3	0	100	35.1	0	109	38.5	0	91	29.9	4
Pride Seeds	A7161G3	V3 B1				100	31.9	0		98	32.0	0	106	31.4	0	95	36.9	0	102	27.3	0
3 Pride Seeds	A7108G3	V3 B1	96	29.9	0	98	33.0	0		100	33.2	0	99	32.7	0	95	37.9	0	99	28.3	0
0 Dekalb	DKC50-44	V3 B1	105	29.3	0	104	32.4	0		105	32.9	0	108	31.6	0	102	36.9	0	100	28.2	0
5 Maizex	MZ 4120CBR	V3 B1				102	32.3	0		102	31.8	0	97	32.3	0	103	36.4	0	105	28.6	0
0 Croplan	421VT3	V3 B1	101	28.7	0	102	32.1	0		106	31.3	0	102	32.9	0	105	36.6	0	95	27.6	1
Croplan	4338VT3	V3 B1				103	31.5	0		111	31.5	0	101	30.6	0	96	35.8	0	102	28.0	0
Pride Seeds	A7143RR	R1	100	30.8	1	102	33.8	0		111	33.4	1	98	33.8	1	101	36.7	0	99	31.3	0
Pride Seeds	A7245G3	V3 B1	105	29.7	0	102	32.9	0		101	32.7	0	99	33.1	0	105	36.9	0	104	29.1	0
Dekalb	DKC52-59	V3 B1	104	28.6	0	102	32.0	0		91	32.0	0	100	32.5	0	109	37.5	0	108	25.9	0
Maizex	MZ 4244BR	R1 B5				103	34.5	1		95	34.5	5	104	35.0	0	111	38.9	0	103	29.6	0
3 Maizex	MZ 4269CBR	V3 B1				96	33.2	1		119	32.3	2	75	33.4	0	96	37.3	0	97	29.9	1
1 Maizex	MZ 4433HX/RR	R1 B5				94	33.3	0		92	33.3	1	96	33.9	0	101	38.2	0	88	27.8	0
0 NK Brand	N45A-3000GT	R2 B2 B9				102	31.5	0		108	29.9	1	94	31.9	0	115	37.0	0	93	27.4	1
0 NK Brand	N45-A6	B2	105	27.5	0	109	30.8	0		116	29.6	0	114	31.0	0	98	36.4	0	108	26.3	1
Pickseed	5685HxRR	R1 B5	104	30.8	1	99	33.8	2		96	32.9	6	97	34.5	0	105	39.4	0	99	28.3	0
Country Farm	CF772RBT	R1 B1	100	29.2	0	101	32.9	0		105	32.9	1	103	33.0	0	100	36.9	0	95	28.9	0
3 Maizex	MZ 4586CBR	R1 B5 B8				98	34.9	0		94	33.8	0	102	34.0	0	104	40.5	0	94	31.5	0
2 Country Farm	CF658VT3	V3 B1				101	33.3	0		109	33.5	0	101	33.4	0	98	37.7	0	97	28.8	0
0 Maizex	MZ 5288CBR	V3 B1				94	34.0	0		95	32.9	0	88	34.5	0	98	38.8	0	96	29.7	0
0 Pioneer	34A85	R1				107	35.2	0		106	35.9	0	109	35.0	0	111	38.7	0	103	31.1	0

LSD(0.10) for Yield Index Points**

3

5

11

13

9

6

Average all hybrids***

210

28.1

0

189

31.6

0

185

31.2

1

193

31.6

0

185

36.6

0

192

27.1

0

European Corn Borer Pressure

Low

Low

Low

Low

* Test weight data are not available due to technical problems.

** 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.

Note: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

Table 5: 3150 - 3350 C.H.U. Area

			<u>2008 - 2009 Averages</u>				<u>2009 Trial Averages</u>				<u>Results of 2009 Performance Trials</u>								
			Average of 6 Trials (Kerwood '08-09, Belmont '08-'09 West Lorne '08-09)				Average of 3 Trials (Kerwood, West Lorne, Belmont)				BELMONT			KERWOOD			WEST LORNE		
Brand and/or Hybrid	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	
Maizex MZ 3977CBR	V3 B1					95	23.5	1	106	91	24.6	1	98	24.1	0	95	21.8	2	
Dekalb DKC48-37	V3 B1									94	25.7	1	97	23.9	1	predator damage			
2 Horizon HZ 995Bt	B2					101	26.0	1	101	98	29.2	2	100	26.4	1	106	22.5	1	
9 Pioneer P9990XR	R1 B5 B7					97	23.9	1	99	96	25.1	2	101	24.4	1	94	22.3	0	
5 Pioneer 37V63	R1 B5 B7					100	22.9	1	103	94	24.6	1	106	23.4	1	102	20.7	0	
0 Pioneer 37Y14	R1 B5 B7					101	22.5	1	101	104	23.7	0	100	23.1	1	100	20.7	1	
Dekalb DKC50-19	V3 B1					94	22.7	1	102	88	23.6	1	94	23.2	0	101	21.4	1	
Maizex MZ 3969CBR	V3 B1	97	20.7	1	102	102	22.5	0	101	102	23.8	1	105	23.7	1	99	20.1	0	
3 Country Farm CF558VT3	V3 B1	96	21.6	1	101	97	22.9	1	102	89	24.0	2	103	23.6	0	99	21.1	3	
0 Hyland HL B45R	R1 B1	101	23.2	0	100	102	26.0	1	99	102	27.5	1	101	27.3	1	102	23.0	1	
0 Hyland HL CVR74	V3 B1					95	25.6	1	98	97	27.2	1	94	26.9	1	93	22.8	1	
0 Mycogen 2A499	B5 B8					91	23.7	1	102	83	25.5	2	93	24.6	0	96	21.1	0	
Pickseed 2929VT3	V3 B1									101	27.1	2	97	25.6	1	predator damage			
Horizon HZ 1025Hx	B5	98	23.0	1	100					102	26.5	1	97	25.7	2	99	22.6	3	
Pride Seeds A7161G3	V3 B1					100	24.3	0	100	99	25.5	1	97	25.0	0	104	22.5	0	
Pride Seeds A7108G3	V3 B1	97	21.9	1	101	100	23.5	1	101	101	25.3	2	104	24.2	0	96	21.1	2	
Dekalb DKC50-44	V3 B1	95	22.1	1	101	96	24.2	1	102	99	24.6	1	95	25.3	0	93	22.8	3	
3 Hyland HL B49R	R1 B5	99	23.7	0	100	98	25.7	1	101	94	28.0	1	101	26.4	0	98	22.7	1	
0 Horizon HZ 1030Hx	B5	97	24.9	2	99	96	28.0	3	98	91	30.4	1	100	28.8	0	97	24.8	8	
5 Maizex MZ 4120CBR	V3 B1					100	24.7	1	105	99	26.7	1	99	24.8	0	102	22.6	2	
0 Pioneer P0125HR	R1 B5					111	25.1	0	99	105	27.3	1	113	25.9	1	114	22.1	0	
Mycogen 2H521	R1					104	24.2	2	100	109	25.8	2	102	25.2	1	101	21.6	4	
Pioneer 37F74	B5	98	21.6	1	101	99	22.4	1	101	101	23.6	0	101	22.8	1	94	20.8	3	
Croplan 421VT3	V3 B1	98	21.9	0	101	102	23.9	0	101	103	25.5	0	103	24.4	1	101	21.7	0	
Croplan 4338VT3	V3 B1					97	23.6	1	105	100	24.3	1	95	24.4	0	96	22.2	2	
Pride Seeds A7143RR	R1									101	26.9	2	98	26.8	1	only 1 rep of data			
Pride Seeds A7245G3	V3 B1	96	22.4	1	100	98	24.0	2	101	97	25.2	0	97	25.0	1	100	21.8	7	
Dekalb DKC52-59	V3 B1	97	21.5	1	101	100	23.5	1	101	101	24.4	2	99	24.9	0	100	21.3	1	
Dekalb DKC52-62	R1	95	21.3	3	101	99	23.4	4	101	98	25.0	2	104	23.8	1	95	21.3	9	
Horizon HZ 1055BtGt	R2 B2	99	25.6	0	99	97	29.1	1	99	98	31.1	1	98	30.3	1	96	26.0	1	
Maizex MZ 4244BR	R1 B5	103	22.9	3	101	106	25.1	1	102	102	27.0	1	106	26.7	0	108	21.6	2	
Maizex MZ 4269CBR	V3 B1					95	26.1	1	101	97	28.6	2	94	26.1	1	95	23.8	1	
3 Maizex MZ 4433HX/RR	R1 B5					100	25.2	1	100	103	26.9	0	99	26.0	1	97	22.6	1	
1 NK Brand N45A-3000GT	R2 B2 B9					100	24.1	1	100	102	26.7	1	92	24.3	1	105	21.2	2	
0 NK Brand N45-A6	B2	100	21.5	0	101	103	23.3	0	101	105	24.6	1	96	23.4	0	108	21.8	1	
0 Pioneer P0377XR	R1 B5 B7					101	25.0	0	95	95	27.8	0	103	25.4	1	103	21.8	1	
Pioneer 36V53	R1 B5	100	22.4	1	99	100	24.4	1	99	103	26.3	1	98	24.9	0	100	22.0	1	
Croplan 5237VT3	V3 B1					102	26.3	1	99	100	26.9	0	100	27.7	2	104	24.2	2	
Pickseed 5685HxRR	R1 B5	102	23.2	1	100	98	25.6	1	100	102	28.0	1	94	26.1	0	99	22.7	3	
Farmed Right FA427009	R1 B5									no seed at planting			104	26.7	1	104	24.0	3	
Farmed Right FA455009	R1 B5									no seed at planting			no seed at planting			99	22.3	7	
Pride Seeds A7341RR	R1					97	27.5	2	99	100	28.7	1	98	28.8	1	93	25.1	4	
Country Farm CF772RBT	R1 B1	97	22.1	2	99	102	23.7	3	98	102	24.5	3	106	24.3	0	99	22.3	5	
Country Farm CF777R	R1					97	24.6	4	101	107	25.9	2	97	25.8	2	89	22.1	7	
Dekalb DKC53-41	V3 B1					110	24.9	1	98	110	25.9	1	112	25.9	0	108	22.7	1	

Table 5 continued: 3150 - 3350 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials								
		Average of 6 Trials				Average of 3 Trials				BELMONT			KERWOOD			WEST LORNE		
		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
3 Maizex MZ 4586CBR	R1 B5 B8					93	26.8	1	98	97	29.1	0	89	27.8	1	91	23.5	1
1 Mycogen 2A551	B5 B8					103	26.4	1	98	102	29.6	1	107	26.4	0	101	23.3	2
5 Mycogen 2W587	B5 B8					102	26.8	1	97	102	28.8	1	102	27.1	1	101	24.6	1
0 Pioneer 3188VT3	V3 B1	99	23.6	1	100	101	25.9	1	100	100	27.5	1	101	26.9	0	102	23.2	1
Pioneer 35F40	R1 B5	105	23.9	1	100	103	25.8	1	101	97	28.0	2	108	27.1	0	104	22.4	1
Pride Seeds A7331G3	V3 B1	102	24.7	1	100	101	27.4	1	100	104	28.7	1	101	28.9	2	99	24.6	0
Dekalb DKC55-07	V3 B1					99	26.9	0	101	95	28.8	1	100	27.8	0	101	24.1	1
Maizex MZ 5286R	R1					95	25.8	2	100	101	27.8	1	91	27.3	1	94	22.3	5
NK Brand N51-T8	B2	100	24.0	1	100	100	26.9	1	101	99	29.7	1	99	28.0	0	102	22.9	1
NK Brand N53-H7	B2	108	24.0	1	99	107	26.1	1	99	105	28.2	2	109	27.0	1	107	23.1	1
NK Brand N53-W5		106	23.1	2	100	107	24.5	2	100	111	25.6	2	110	25.1	0	100	22.7	5
3 Pride Seeds A7450BtRR	R1 B1	99	24.2	1	98	99	26.9	0	97	99	28.5	1	97	27.7	0	101	24.5	1
2 Country Farm CF658VT3	V3 B1					100	24.5	1	102	101	25.5	2	97	25.7	1	102	22.4	1
0 Maizex MZ 5288CBR	V3 B1					102	26.0	1	100	109	27.5	1	96	27.1	1	102	23.4	1
0 Croplan 5338VT3	V3 B1	106	23.3	1	101	104	25.9	1	101	102	26.9	1	100	27.8	1	110	22.9	3
Country Farm CF690						103	27.1	1	97	100	29.4	1	106	28.7	0	103	23.3	1
Country Farm CF682HX	B5					97	27.1	1	97	105	29.4	1	94	28.1	0	93	23.8	3
Masters Choice MC-530		100	26.8	1	98	101	30.5	1	99	102	32.8	2	97	30.7	0	104	28.0	1
3 Hyland HL B77R	R1 B1	104	26.2	1	97	99	29.8	1	96	93	33.4	1	100	30.3	0	105	25.7	2
3 Maizex MZ 54-40RR	R1					98	30.5	1	97	100	31.0	1	99	31.9	0	96	28.5	3
0 Pioneer 34A85	R1	105	24.2	2	100	106	26.5	2	100	108	28.0	2	108	27.5	1	102	24.0	3
0 Maizex MZ 5445CBR	V3 B1					96	30.6	2	98	102	32.3	4	94	31.1	1	94	28.3	1

LSD(0.10) for Yield Index Points*

2

2

2

4

5

Average all hybrids **

221

23.2

1

68

210

25.4

1

67

199

27.1

1

209

26.2

0

222

22.9

2

European Corn Borer Pressure

Low

Low

Low

* 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: 3400 - 3750 C.H.U. Area

Brand and/or Hybrid		Notes		<u>2008 - 2009 Averages</u>				<u>2009 Trial Averages</u>				<u>Results of 2009 Performance Trials</u>									
				Average of 6 Trials (Ridgetown '08-'09, Tilbury '08-'09 Grande Pointe '08-'09)				Average of 3 Trials (Grande Pointe, Tilbury Ridgetown)				GRANDE POINTE			RIDGETOWN			TILBURY			
				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					
	Dekalb	DKC50-44	V3 B1					93	22.2	1	103	90	21.6	0	95	23.6	1	94	21.4	1	
	Dekalb	DKC52-59	V3 B1		90	22.7	0	101	94	21.8	0	101	84	20.9	0	99	23.5	1	99	21.0	0
	Dekalb	DKC52-62	R1		86	22.3	3	101	89	21.6	3	100	81	21.0	0	96	22.5	4	90	21.3	4
3	Horizon	HZ 1055BtGt	R2 B2					100	24.0	0	103	94	23.3	1	97	25.4	0	109	23.2	1	
1	Maizex	MZ 4244BR	R1 B5									102	21.3	1	108	23.8	0	only 1 rep of data			
0	Maizex	MZ 4269CBR	V3 B1					88	23.3	0	103	87	22.2	0	85	24.4	1	93	23.3	1	
0	Maizex	MZ 4433HX/RR	R1 B5					94	22.7	1	102	93	21.9	1	94	23.5	0	95	22.7	1	
	Pioneer	P0377XR	R1 B5 B7					95	22.9	0	98	97	20.9	0	97	24.5	0	91	23.3	0	
	Pioneer	36V53	R1 B5					96	22.7	0	100	94	22.1	0	98	23.8	1	97	22.2	0	
	Pride Seeds	A7341RR	R1					96	25.7	3	100	97	24.3	3	97	27.6	4	93	25.3	3	
3	Dekalb	DKC53-41	V3 B1					106	23.3	1	102	104	23.3	2	104	23.0	2	111	23.6	1	
1	Maizex	MZ 4586CBR	R1 B5 B8					95	23.9	1	100	94	23.1	0	101	24.9	0	91	23.7	2	
5	Mycogen	2A551	B5 B8					101	23.7	2	101	97	23.4	3	103	24.7	0	102	23.1	4	
0	Mycogen	2W587	B5 B8					99	24.9	0	98	99	23.8	0	94	26.4	0	104	24.6	0	
	Pioneer	35F40	R1 B5		97	24.2	1	102	99	23.4	2	104	96	22.1	1	100	24.7	1	102	23.4	3
	Pride Seeds	A7331G3	V3 B1		94	25.1	1	101	97	25.5	2	101	95	24.1	3	96	27.2	1	101	25.1	3
	Dekalb	DKC55-07	V3 B1					96	24.5	0	99	97	23.5	0	94	25.5	1	98	24.3	0	
	Maizex	MZ 5286R	R1					99	22.8	2	102	95	22.2	1	103	23.5	2	100	22.6	3	
	NK Brand	N51-T8	B2		96	23.9	0	102	100	22.3	0	103	100	21.4	0	97	24.0	0	102	21.7	1
	NK Brand	N53-H7	B2		99	24.2	1	100	102	23.5	2	100	102	22.0	5	107	24.2	0	97	24.3	0
	NK Brand	N53-W5			98	23.0	1	101	101	22.4	1	101	96	21.2	0	102	22.8	2	104	23.3	1
3	Pride Seeds	A7450BtRR	R1 B1		97	24.2	0	100	100	24.2	0	100	105	23.7	0	98	24.9	0	98	24.1	1
2	Maizex	MZ 5288CBR	V3 B1		100	24.9	0	102	98	23.3	0	103	100	22.8	0	93	24.5	1	101	22.6	0
0	Pioneer	P0518HR	R1 B5					104	24.0	0	102	112	22.6	1	101	25.5	0	99	24.0	0	
0	Mycogen	2K662	B5 B8		100	26.3	0	98	96	24.5	0	98	101	23.5	0	98	25.5	0	88	24.4	0
	Country Farm	CF690						101	23.1	1	98	99	22.6	0	102	24.2	0	101	22.6	3	
3	Country Farm	CF682HX	B5					95	23.9	1	99	95	23.0	1	96	25.3	1	93	23.4	1	
2	Dekalb	DKC57-50	V3 B1					102	27.1	1	99	101	25.4	3	101	29.0	0	104	26.9	0	
5	Farmed Right	FA4699009	R1					94	24.4	1	98	90	23.6	0	102	25.9	2	89	23.6	1	
0	Pickseed	3255VT3	V3 B1					102	24.4	0	101	109	23.4	0	100	26.0	0	98	23.8	0	
	Pioneer	35H42	R1 B5		104	24.5	0	103	106	23.7	0	106	111	21.9	0	104	25.1	1	101	24.0	1
	Pride Seeds	A7866RR	R1		99	26.4	1	99	100	26.4	3	98	101	24.3	3	94	28.9	4	107	26.1	2
	Dekalb	DKC59-64	V3 B1					101	26.8	1	98	107	26.2	1	91	29.0	1	107	25.3	1	
	Hyland	HL B337	B1		109	26.0	0	99	113	24.2	0	99	115	22.1	0	115	26.5	1	109	24.0	0
	Hyland	HL B77R	R1 B1		105	25.5	0	99	106	24.2	0	97	111	22.2	0	103	27.2	1	104	23.1	0
3	Masters Choice	MC-535						98	27.2	2	98	93	26.0	0	100	28.9	3	101	26.6	4	
3	Maizex	MZ 54-40RR	R1		102	26.2	2	99	101	25.4	2	99	102	23.6	0	103	27.1	5	97	25.6	2
0	Mycogen	2E696	V3 B1					102	25.1	0	102	102	24.3	0	107	26.2	0	98	24.8	1	
0	Mycogen	2J669	B5 B8					97	25.3	1	100	101	23.5	0	94	26.7	2	98	25.7	1	
	Mycogen	2P686	B5 B8					102	28.9	0	99	108	28.1	1	95	29.9	1	103	28.6	0	
	Pioneer	34A85	R1		102	24.7	2	101	104	24.7	2	101	107	23.3	1	101	26.5	3	106	24.4	2
	Pioneer	34P89	B5		107	28.5	1	99	111	26.7	1	101	116	25.3	2	113	29.6	1	104	25.1	1
	Croplan	5892VT3	V3 B1		104	28.1	0	99	101	27.9	1	100	103	26.4	0	100	29.8	1	99	27.6	1
	Mycogen	2W705	B5 B8		101	26.4	3	98	103	25.3	5	98	102	23.3	2	101	27.7	4	106	25.0	10
	Pickseed	3326HxTRR	R1 B5 B8					98	24.6	0	98	94	23.9	0	101	25.6	0	100	24.2	1	

Table 6 continued: 3400 - 3750 C.H.U. Area

Brand and/or Hybrid	Notes	2008 - 2009 Averages				2009 Trial Averages				Results of 2009 Performance Trials								
		Average of 6 Trials				Average of 3 Trials				GRANDE POINTE			RIDGETOWN			TILBURY		
		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
Pride Seeds A8227G3	V3 B1					105	26.4	1	95	101	24.6	1	101	28.5	1	113	26.1	0
Pride Seeds A8168G3	V3 B1	101	26.7	1	98	99	26.9	2	96	100	25.5	1	101	28.9	1	96	26.4	4
3 Country Farm CF870VT3	V3 B1	101	27.2	1	98	97	26.5	3	98	92	26.2	6	102	27.5	1	97	25.8	2
3 Maizex MZ 5445CBR	V3 B1	102	26.7	0	99	101	26.6	0	99	97	25.7	1	104	27.9	0	103	26.4	1
5 NK Brand N64-Z5	B2					110	25.5	0	99	111	23.2	0	107	27.6	1	111	25.7	0
0 Mycogen 2V732	V3 B1					100	28.2	2	100	107	26.7	2	98	30.0	1	95	28.0	2
Croplan 591VT3	V3 B1	98	25.7	0	103	98	24.7	1	106	104	23.2	1	97	27.1	2	93	23.9	0
Croplan 6125VT3	V3 B1					102	26.1	1	98	108	24.4	0	98	28.1	1	101	25.7	1
3 Country Farm CF876VT3	V3 B1	107	26.5	1	98	105	25.4	1	97	103	24.1	0	108	26.9	3	104	25.2	1
4 NK Brand N65-M7		98	25.7	2	99	100	25.8	1	98	95	24.9	0	107	27.3	3	97	25.1	1
0 Pioneer 33W84	R1 B5 B7					97	27.5	1	103	98	26.8	2	96	28.7	0	96	27.0	0
0 Croplan 6226VT3	V3 B1	101	26.4	1	100	101	25.4	1	101	105	23.5	1	97	27.8	1	102	24.9	3
Croplan 6331VT3	V3 B1	101	27.7	0	99	102	27.2	0	100	105	25.5	0	103	28.6	0	97	27.7	0
Country Farm CF884VT3	V3 B1					103	26.4	1	101	96	25.7	1	103	27.6	1	110	25.9	1
LSD(0.10) for Yield Index Points*		2				3				4			5			6		
Average all hybrids**		245	25.5	1	67	227	24.8	1	69	232	23.6	1	238	26.3	1	212	24.5	1
European Corn Borer Pressure										Low			Low			Low		

* 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.

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 western bean cutworm Tolerant to Liberty herbicide	TC1507
B2	Resistant to corn borer & tolerant to Liberty herbicide	Bt11	B6	Resistant to corn rootworm	Mon 863
B7	Resistant to corn rootworm	Cry34/35	B8	Resistant to corn rootworm	DAS 59122-7
R1	Tolerant to glyphosate	NK603	B9	Resistant to corn rootworm	MIR 604
V3	Tolerant to glyphosate and tolerant to rootworm	MON88017	R2	Tolerant to glyphosate	GA21

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 20, 2008. 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.

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.

SEED CORN DEALERS			
Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Country Farm	Country Farm Seeds	Box 790 Blenheim, N0P 1A0	1 - 800 - 449 - 3990
Croplan Genetics	Winfield Solutions LLC.	32 Ridgewood Place, Cambridge, N1S 4B4	1 - 519 - 635 - 0740
DEKALB	Monsanto Canada Inc.	307-150 Research Lane, Guelph N1G 4T2	1 - 800 - 667 - 4944
Elite	La Coop fédérée	9001, Blvd. de L'Acadie, Montréal Québec H4N 3H7	1 - 514 - 384 - 6450
Farmed Right	Farmers of North America	318-111 Research Dr., Saskatoon SK S7N 3R2	1 - 306 - 665 - 4535
Horizon	Horizon Seeds Canada Inc.	531 Bostwick Rd., Courtland N0J 1E0	1 - 519 - 842 - 5538
Hyland	Hyland Seeds	Box 250, 2 Hyland Dr., Blenheim NOP 1A0	1 - 800 - 265 - 7403
Maizex	Maizex Seeds Inc.	4488 Mint Line, R.R.#2, Tilbury NOP 2LO	1 - 877 - 682 - 1720
Masters Choice	Masters Choice Hybrids	10639 Campbell Line, Blenheim N0P 1A0	1 - 519 - 676 - 1500
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 5L1	1 - 800 - 265 - 9435
PRIDE Seeds	AgReliant Genetics Inc.	Box 1088, Chatham N7M 5L6	1 - 519 - 354 - 3210