



2015

Ontario Hybrid Corn Performance Trials

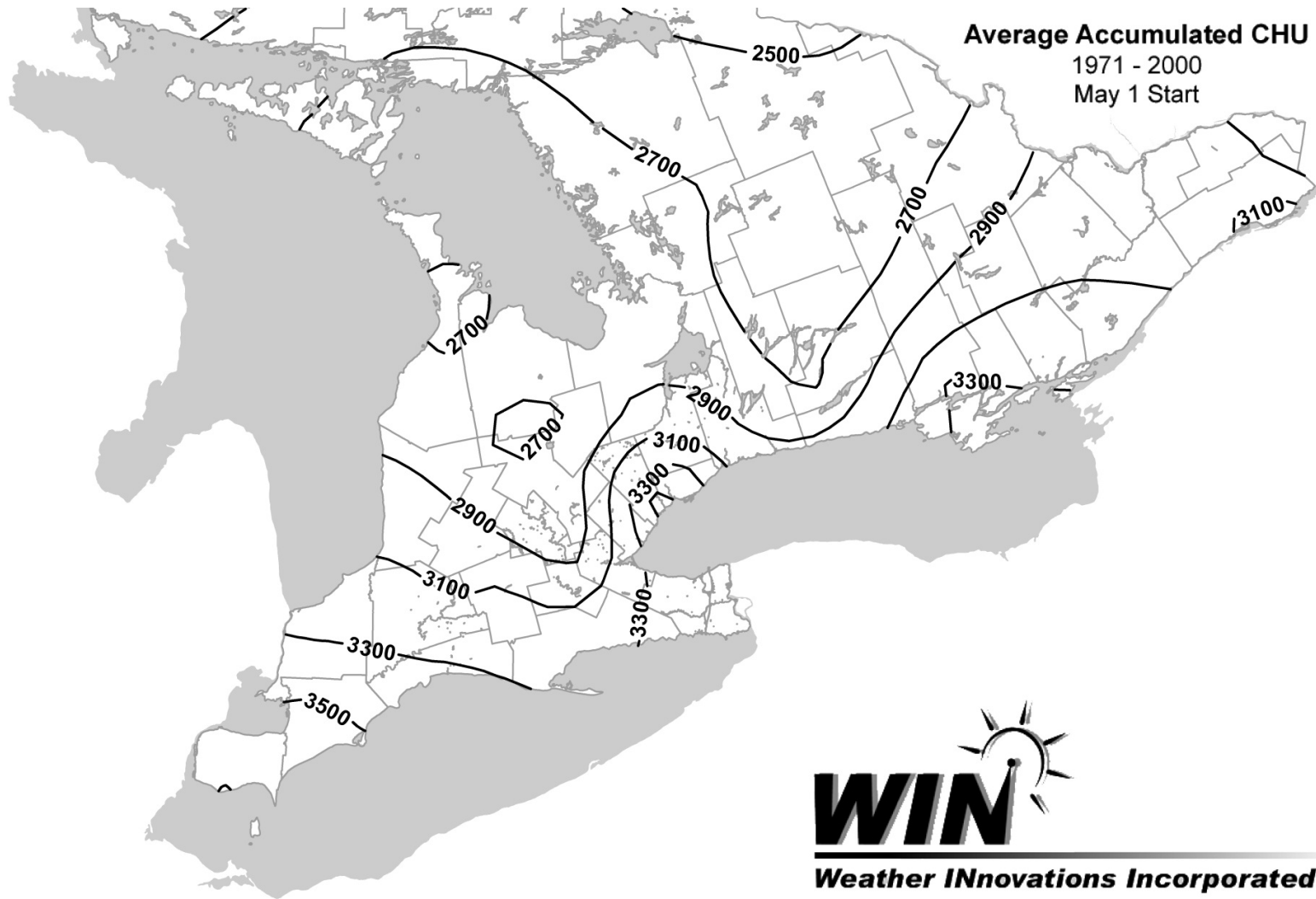
Data collected 2014-2015

Conducted by the Ontario Corn Committee · www.gocorn.net

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PDF files of this report
Sortable on-line tables
Yield x Moisture Content

Heat Units Available for Corn Production in Ontario



Notes: Corn Heat Unit ratings for all areas of the province are 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 comes first.

ONTARIO CORN COMMITTEE

The ONTARIO CORN COMMITTEE is made up of representatives of Agriculture and Agri Food Canada, the Ontario Ministry of Agriculture and Food, the University of Guelph, the Ontario Soil and Crop Improvement Association, the Grain Farmers of Ontario, 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; Kent Ag Research Inc., 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. Plots consist of four rows of which the middle two rows are harvested for yield. Fertilizer rates may be higher than those recommended by OMAF to compensate for any variability in soil nutrient supply.

Most of the hybrids entered in the trials were treated with a seed treatment to control soil insects. Hybrids that were not treated with are not identified in the report. There was no significant damage from soil insects at any of the locations.

To determine the percentage of lodged plant, a count is made, immediately before harvest, of all plants broken below the ear and all plants which are leaning such that the ear is in the adjacent row or is otherwise unharvestable.

The moisture percentage of the grain is measured 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 combine-mounted monitoring equipment, or in the laboratory, using procedures recommended by the Canada Grain Commission.

DUPLICATION OF THIS REPORT:

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For further information, contact
The Secretary, Ontario Corn Committee,
109 Maple Ridge Road, R. R. # 2,
Owen Sound, Ontario N4K 5N4.

INTERPRETATION OF RESULTS

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 (i.e. less than the LSD shown at the bottom of the table) 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.

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.

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.

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.

Corn Heat Units - Ratings for all areas of the province are 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 comes first. Hybrid heat unit ratings have been assigned by the sponsoring company.

% Lodging - "Lodged Plants" includes plants with stalks that are broken below the ear and plants 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.

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

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.

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. A list of potential refuge hybrids and information related to the practices that must be followed to comply with current regulations can be obtained from the Canadian Corn Refuge Hybrid Selector at www.refugeselector.ca

Hybrids identified with an "O" in the Notes column are available with a refuge hybrid included.

Explanation of Codes for Special Genetic Traits

Code	Trait
B	Resistant to corn borer
D	Resistant to Corn Rootworm
L	Tolerant to Liberty Herbicide
R	Tolerant to glyphosate
W	Resistant to Western Bean Cutworm
O	Available with Refuge Included

Notes:

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 19, 2015. 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. Information regarding the genetic traits carried by all commercially available hybrids and their acceptability for export can also be obtained from the Canadian Seed Trade Association's "List of Corn Hybrids Commercially Available in Canada" at <http://cdnseed.org/list-of-corn-hybrids/>

Seed Corn Dealers

Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Country Farm	Country Farm Seeds Ltd.	Box 790, Blenheim, ON N0P 1A0	1-800-449-3990
DEKALB	Monsanto Canada Inc.	120 Research Lane, Suite 101, Guelph, ON N1G 0B4	1-800-667-4944
Dow Seeds	Dow AgroSciences Canada Inc.	P.O. Box 1090, 5 Hyland Dr., Blenheim, ON N0P 1A0	1-800-265-7403
Elite	La Coop federee	9001, Blvd. de L'Acadie, Montreal, QC H4N 3H7	1-514-384-6450
Horizon	Horizon Seeds Canada Inc.	531 Bostwick Rd., Courtland, ON N0J 1E0	1-519-842-5538
Legend Seeds	Sevita International	11451 Cameron Rd., Inkerman, ON K0E 1J0	613-989-5400 x510
Maizex	Maizex Seeds Inc.	4488 Mint Line, R.R.#2, Tilbury, ON N0P 2L0	1-877-682-1720
NK Brand	Syngenta Seeds Inc.	15910 Medway Rd., R.R.#1, Arva, ON N0M 1C0	1-800-756-SEED
PICKSEED	DLF Pickseed Canada Inc.	1 Greenfield Road, Lindsay, ON K9V 4S3	1-705-878-9240
Pioneer	Pioneer Hi-Bred Limited	Box 730, 7398 Queens Line, Chatham, ON N7M 5L1	1-800-265-9435
PRIDE Seeds	AgReliant Genetics Inc.	P. O. Box 1088, 6836 Pain Court Line, Chatham, ON N7M 5L6	1-519-354-3210

2015 Trial Locations and General Information - Ontario Hybrid Corn Performance Trials

Location	See Table Number	Heat Unit Rating	5 Year Heat Unit Average ¹	2015 CHU Total ²	Soil Type	Co-operator	Final plants per acre ⁴	Date planted ⁵	Date Harvested
Orangeville	1	2700	2783	3012	Sandy Loam	Woodrill Farms Ltd.	32000	May 02	Oct 23
Dundalk	1	2600	N/A	2730	Loam	Pinebrook Farms	32000	May 06	Oct 30
Elora	2	2800	2883	3030	Silt Loam	University of Guelph	32000	May 05	Oct 21
Lindsay	2	2800	N/A	2851	Loam	Ed Bagshaw	34000	May 09	Nov 05
Wingham	2	2800	N/A	3106	Silt Loam	Rob Warwick	32000	May 01	Nov 04
Ottawa	3	3000	3130	N/A	Sandy loam	Agriculture and agri-Food Canada	32000	May 18	Oct 14
Winchester	3	3000	N/A	3133	Clay Loam	University of Guelph- Kemptville	32000	May 06	Nov 03
Waterloo	3	2900	2937	3252	Sandy Loam	Rosendale Farms	32000	Apr 30	Oct 14
Blyth	3	3000	2959	3166	Silt Loam	Peter Heinrichs	32000	May 01	Nov 04
Exeter	4	3050	2924	3236	Silt Loam	Cliff Hicks	32000	May 06	Nov 03
Ilderton	4	3100	3031	3415	Silt Loam	John Walls	32000	May 04	Nov 03
Woodstock	4	3150	3027	3227	Loam	University of Guelph	32000	May 07	Nov 02
Belmont	4	3250	3016	3155	Loam	Claire Hooker	32000	May 11	Nov 07
Ridgetown	5	3450	N/A	3562	Loam	University of Guelph	32000	May 01	Oct 20
Tilbury	5	3650	3467	3626	Loam	Cam Sullivan	32000	May 08	Nov 09
Dresden	5	3600	N/A	3542	Loam	Brent McFadden	32000	May 01	Nov 09

Notes:

1 Average total heat unit accumulation 2010 - 2014, 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.

3 These populations may not be suitable for your farm.

4 All trials planted in 30 inch row widths.

2015 Ontario Hybrid Corn Performance Trial Management Information

Location	Table	Previous Crop	Tillage		Soil Test Ratings			Fertilizer Applications			Herbicide or Pesticide Applications				Rainfall (mm)					
			Fall	Spring	P	K	pH	N	P2O5	K2O	Product	Rate	Date	Method	May	Jun	Jul	Aug	Sep	Total
Orangeville	1	Potatoes		Cultivator	MR	MR	6.9	130	40	120	Primextra II	4.0L/ha	May 14	post	52	183	31	52	42	360
											Callisto	0.3L/ha	May 14	post						
											Accent	33g/ha	May 28	post						
											AAtrex 480	0.5L/ha	May 28	post						
Dundalk	1	Soybeans		Cultivator	MR	MR	7.3	130	55	55	Primextra II	3.5L/ha	May 19	post	48	139	36	63	43	329
											Callisto	0.3L/ha	May 28	post						
											Accent	33g/ha	May 28	post						
											AAtrex 480	0.5L/ha	May 28	post						
Elora	2	Soybeans	Disc Ripper	Cultivator	LR	MR	7.6	155	30	90	Primextra II	4.0L/ha	May 14	post	47	196	80	110	33	466
											Callisto	0.3L/ha	May 14							
Lindsay	2	Soybeans	None	RTS 1x / Cult 1x							Round Up	1 l/a	May 17	pre	46	162	50	76	89	423
											Option		Jun 01	post						
											Calisto			post						
											Atrex			post						
Wingham	2	Dry beans	None	Cultivate	MR	MR	7	155			Marksman	1.6 L/ac	Apr 30	pre	35	116	38	109	54	352
											Ultim/Callisto/	13 g/ac + .085	May 28	post						
											Aatrex	L/ac +.235 L/ac								
Ottawa	3	Soybeans	Soil save	Disc/mulch finisher	MR	MR	6.4	200	0	40	Primextra II	3L/ha	May 15	ppi	39	83	44	40	67	273
											Magnum	0.3L/ha	May 15	ppi						
											Calisto	33.7g/ha	Jun 08	post						
											Ultim 75DF	285g/ha	Jun 08	post						
											Distinct									
Winchester	3	Cereals	Plowed	cultivated twice	MR	MR	7	125	53	100	Dual Magnum	1.1 L/ha	May 05	pre	66	166	104	111	146	593
											Marksman	4 L/ha	May 27	post						
Waterloo	3	Wheat	Chisel	Cultivator	RR	RR	6.9	165	55	110	Primextra II	4.0L/ha	Apr 28	ppi	67	107	65	107	58	404
											Callisto	0.3L/ha	May 28	post						
											AAtrex 480	0.5L/ha	May 28	post						
Blyth	3	Dry beans	None	Cultivate and Roll	LR	RR	7.4	170			Primextra	1.2 L/ac	Apr 30	ppi	35	208	122	89	70	524
											Ultim/Callisto/	13 g/ac + .085	May 28	post						
											Aatrex	L/ac + .235 L/ac								
Exeter	4	Wheat/red clover	Plowed	Cultivate 2x	MR	LR	7.4	150		100	Frontier	0.4 L/ac	May 05	ppi	104	136	67	71	97	475
											Ultim+Distinct	13 g/ac + 115g/ac	May 28	post						
Ilderton	4	Winter Wheat	Chisel	Cultivator	MR	LR	7.5	185			Primextra	1.2 L/ac	Apr 30	ppi	80	213	50	66	35	444
											Callisto/Aatrex	.085 + .235 L/ac	Jun 05	post						
Woodstock	4	Soybeans	Soil Saver	Cultivator	MR	MR	7.3	170	80	100	Primextra II	3.5L/ha	May 12	pre	60	125	31	56	106	378
											Callisto	0.3L/ha	May 12	pre						
											Accent	33g/ha	May 27	post						
											Marksman	3.7L/ha	May 27	post						
											OPTION 2.25 OD	1.56 L/ha	Jun 17	post						
											Liquid Herbicide									
Belmont	4	Wheat/red clover	Plow	Cultivator	MR	MR	6.6	165	48	24	Primextra	1.4 L/acre	May 14	post	66	190	90	70	99	515
											Callisto	120 ml/ac	May 14	post						
Ridgetown	5	Wheat/red clover	Chisel Plow	Cultivator	RR	MR	6	163	48	24	Primextra	1.4 L/ac	May 14	post	103	98	95	68	49	413
											Callisto	120 ml/ac	May 14	post						
Tilbury	5	Soybeans	None	Cultivator	MR	RR	7.6	165	48	24	Primextra	1.4 L/acre	May 14	post	72	129	26	70	35	332
											Callisto	120 ml/ac	May 14	post						
Dresden	5	Soybeans	Plow	Cultivator	MR	LR	7.6	170	48	24	Primextra	1.4 L/acre	May 14	post	95	154	30	97	58	434
											Callisto	120 ml/ac	May 14	post						

Table 1: Orangeville, Dundalk

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials					
				average of 4 trials				average of 2 trials				DUNDALK			ORANGEVILLE		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2300	Maizex	MZ 1624DBR	B R O	97	27.2	1	103	96	24.1	0	105	98	26.3	1	93	21.9	0
2300	Maizex	MZ 1633DBR	B R O	103	26.5	1	103	99	24.0	0	104	97	26.2	0	100	21.7	0
2300	Pioneer	P7958AM	W B R L O	97	25.6	7	105	90	23.1	2	104	86	24.7	4	92	21.5	1
2325	DEKALB	DKC30-07RIB	B R O	101	27.3	1	102	99	25.4	0	101	100	28.0	0	98	22.9	0
2350	Maizex	MZ 1710DBR	B R O	95	29.0	2	102	93	24.6	0	102	94	26.5	0	93	22.8	0
2400	Dow Seeds	8105RA	W B D R L O	84	28.3	2	101	80	24.8	0	100	78	27.0	0	82	22.6	1
2425	Legend Seeds	30J579						100	24.5	2	99	99	26.5	2	100	22.5	1
2425	Legend Seeds	LR9579	B R O					101	25.8	0	100	100	27.6	0	101	23.9	1
2450	Maizex	MZ 2311DBR	B R O	98	28.8	0	102	99	25.8	0	102	97	27.4	0	100	24.3	0
2475	Pioneer	P8210HR	W B R L	89	28.2	0	100	87	23.7	0	100	84	25.0	0	89	22.4	0
2475	PRIDE Seeds	A5095G2 RIB	B R O	101	29.6	1	101	98	25.9	1	101	97	28.0	1	98	23.8	0
2500	Country Farm	CF182	R					87	24.1	1	104	86	26.0	1	88	22.2	1
2500	Country Farm	CF186	W B R O					91	24.8	0	105	90	26.5	0	91	23.1	0
2500	DEKALB	DKC33-78RIB	B R O	101	27.9	0	102	97	25.6	0	102	98	28.3	0	96	22.9	0
2500	Dow Seeds	4164	W B D R O	104	29.7	2	98	103	26.1	1	99	100	28.1	1	105	24.1	1
2500	NK Brand	N15T-3110	W B R L	104	28.6	3	106	103	25.1	1	105	103	26.5	0	103	23.7	1
2500	PICKSEED	PS 2520VT2P RIB	B R O	102	27.3	1	101	102	24.4	1	101	102	26.1	2	102	22.7	0
2500	Pioneer	P8387AM	W B R L O					106	24.3	0	100	108	25.6	0	105	23.0	0
2500	PRIDE Seeds	A5151G2 RIB	B R O	106	29.0	4	99	103	25.3	1	99	104	27.4	1	102	23.2	1
2525	Dow Seeds	8166RA	W B D R L O	95	28.4	2	100	91	24.7	0	100	93	26.0	0	90	23.4	0
2550	Horizon	HZ 760GT	R	95	30.8	3	97	96	25.6	0	99	98	27.0	0	94	24.3	0
2550	Maizex	MZ 211X		99	30.3	3	98	101	25.0	1	101	104	26.5	1	99	23.5	1
2550	Maizex	MZ 2333DBR	B R O	101	30.1	2	99	101	25.7	0	100	102	27.1	0	101	24.3	0
2550	Pioneer	P8542AM	W B R L O					103	26.6	0	101	108	27.5	0	98	25.6	0
2550	Pioneer	P8542AMX	W B D R L O					98	24.9	0	101	93	26.5	1	101	23.4	0
2575	DEKALB	DKC35-54RIB	B R O	95	30.4	0	100	94	26.7	0	100	94	28.6	0	94	24.8	0
2575	Dow Seeds	3175	R	92	30.2	5	98	92	25.3	1	97	93	25.6	1	91	24.9	1
2575	PICKSEED	PS 2552RR	R	107	30.8	1	99	108	26.7	0	100	110	28.5	1	106	24.9	0
2600	PICKSEED	PS 2649GSX RIB	W B D R L O					102	26.8	3	100	101	28.4	1	103	25.2	5
2600	Pioneer	P8622AM	W B R L O	94	30.0	5	99	94	26.3	1	98	88	27.4	2	99	25.2	0
2600	PRIDE Seeds	A5225G2 RIB	B R O					106	27.9	0	98	112	31.9	0	101	24.0	0
2625	Country Farm	CF230		97	30.3	3	96	94	25.9	0	98	90	27.1	1	96	24.8	0

Table 1: Orangeville, Dundalk
2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials																																									
				average of 4 trials				average of 2 trials				DUNDALK			ORANGEVILLE																																						
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %																																				
2625	DEKALB	DKC36-30RIB	B R O					106	27.9	0	98	107	30.8	0	105	25.0	0																																				
2625	NK Brand	N18Q 3011A	B D R L					101	25.4	0	101	98	26.2	1	103	24.5	0																																				
2625	PICKSEED	PS 2676VT2P RIB	B R O					100	26.9	0	99	96	29.6	1	104	24.1	0																																				
2650	Maizex	MZ 2988DBR	B R O					102	26.9	1	97	101	28.7	1	103	25.1	1																																				
2650	NK Brand	N19D 3110	W B R L					103	27.7	1	99	103	29.4	2	102	26.0	0																																				
2650	Pioneer	P9188AM	W B R L O	108	33.8	1	98	111	30.3	0	99	110	31.3	1	112	29.4	0																																				
2650	PRIDE Seeds	A5433G3 RIB	B D R O	107	31.7	1	100	104	26.8	0	99	108	28.4	1	101	25.3	0																																				
2675	Country Farm	CF266	R	105	29.7	7	99	105	26.3	0	99	106	28.5	1	105	24.1	0																																				
2675	PICKSEED	PS 2750RR	R	109	32.0	2	98	109	27.2	0	98	110	29.7	0	109	24.6	0																																				
2675	Pioneer	P9224AM	W B R L O					105	27.3	1	99	106	29.1	3	104	25.4	0																																				
2700	Horizon	HZ 797GT	R	107	35.0	9	96	109	29.3	1	97	106	30.9	1	111	27.8	2																																				
2700	Maizex	MZ 2810DBR	B R O					103	27.6	0	98	100	28.9	1	105	26.4	0																																				
2700	Pioneer	P9188AMX	W B D R L O	105	34.1	2	99	107	30.0	1	99	108	31.2	2	106	28.8	0																																				
2700	PRIDE Seeds	A5909G2 RIB	B R O	104	31.5	1	99	103	27.7	0	99	108	29.6	0	100	25.7	0																																				
2725	Country Farm	CF350						98	28.6	0	98	96	30.3	1	99	26.9	0																																				
2725	PRIDE Seeds	A5915G8 RIB	W B D R L O					99	29.7	0	97	98	32.4	0	101	26.9	1																																				
2775	Country Farm	CF370R	R					104	26.1	0	99	108	28.3	0	101	24.0	1																																				
2775	Country Farm	CF377	W B R O					112	29.4	0	101	115	31.4	0	110	27.4	0																																				
2775	PRIDE Seeds	A6028G2 RIB	B R O					106	28.4	0	100	107	29.1	0	106	27.8	0																																				
LSD (0.10) for Yield Index Points*				5				6				10			6																																						
Average all hybrids **				166				29.7				2				62				193				26.3				0				68				172			28.0			1			215			24.5			0		

¹ Orangeville 2014-2015, Dundalk 2014-2015

² Orangeville, Dundalk

* 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: Elora, Lindsay, Wingham

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
				average of 4 trials				average of 2 trials				ELORA			LINDSAY			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 %
2300	Pioneer	P7958AM	WBRLO	92	20.9	0	104	88	18.8	1	102	84	21.6	1	91	17.9	1	93	16.1	0
2425	Legend Seeds	30J579						92	19.5	1	100	95	22.8	1				89	16.3	1
2425	Legend Seeds	LR9579	BRO					98	19.9	1	101	98	22.6	0	92	18.1	0	99	17.1	1
2475	Pioneer	P8210HR	WBRL	83	21.1	0	102	83	18.3	0	101	86	20.6	1	94	18.3	0	80	16.0	0
2500	DEKALB	DKC33-78RIB	BRO	93	22.1	0	104	87	19.0	0	104	87	21.2	1	91	18.8	0	86	16.7	0
2500	Pioneer	P8387AM	WBRLO					90	19.3	1	101	91	21.7	1	91	18.1	0	88	16.9	1
2550	Pioneer	P8542AM	WBRLO					97	19.9	0	103	92	23.0	0	91	19.0	0	101	16.8	0
2550	Pioneer	P8542AMX	WBDRLO					96	20.2	0	102	97	22.5	0	99	18.8	0	96	17.9	1
2575	DEKALB	DKC35-54RIB	BRO	96	23.5	0	103	94	21.2	0	103	91	24.9	0	104	18.7	0	96	17.5	0
2600	Maizex	MZ 2220EZ	WBDRLO	102	23.9	0	101	102	22.2	0	101	102	25.8	0	104	20.7	0	102	18.6	0
2600	PICKSEED	PS 2649GSX RIB	WBDRLO					96	21.4	0	101	95	24.5	0	104	20.5	0	96	18.2	1
2600	Pioneer	P8622AM	WBRLO	89	23.0	0	102	90	21.2	0	101	91	24.5	1	89	19.5	0	90	18.0	0
2625	DEKALB	DKC36-30RIB	BRO	99	23.0	0	100	97	20.6	0	100	93	23.7	0	102	19.6	0	100	17.5	0
2625	Dow Seeds	8201RA	WBDRLO	90	23.5	0	101	91	20.8	0	101	88	23.1	0	93	20.2	0	94	18.5	0
2625	Legend Seeds	5084						100	21.9	0	100	100	25.6	1				100	18.3	0
2625	NK Brand	N18Q 3011A	BDR L					105	21.3	0	102	105	25.0	0	107	19.8	0	104	17.5	0
2625	PICKSEED	PS 2676VT2P RIB	BRO	101	22.9	1	102	101	20.5	1	102	97	23.5	2	100	20.0	0	105	17.5	0
2650	DEKALB	DKC37-85RIB	WBDRLO					100	20.5	0	100	97	23.3	1	109	20.5	0	103	17.8	0
2650	Dow Seeds	8211RA	WBDRLO	94	22.2	0	103	95	19.7	0	104	93	21.9	0	95	18.6	0	97	17.5	0
2650	Maizex	MZ 266X		98	23.5	0	100	99	20.5	0	100	99	22.9	0				99	18.2	0
2650	Maizex	MZ 2988DBR	BRO	98	23.7	0	98	97	21.1	0	98	92	24.2	0	105	21.1	1	103	18.0	0
2650	NK Brand	N19D 3110	WBRL					97	21.9	0	98	99	25.0	1	101	19.8	1	94	18.8	0
2650	Pioneer	P9188AM	WBRLO	110	24.7	0	101	110	22.8	0	100	111	25.7	0	102	21.3	0	108	19.9	0
2675	PICKSEED	PS 2750RR	R	102	23.6	0	99	100	21.9	0	99	96	25.9	0	104	19.7	0	104	17.9	0
2675	Pioneer	P9224AM	WBRLO					102	22.0	1	101	98	25.0	0	106	22.9	0	105	19.0	2
2700	DEKALB	DKC39-97RIB	WBDRLO	103	24.1	0	100	99	22.1	0	100	100	25.7	0	93	21.3	0	99	18.4	0
2700	Dow Seeds	8295RA	WBDRLO	96	25.2	0	98	94	23.2	0	98	99	28.5	0	100	21.6	0	89	17.9	1
2700	Horizon	HZ 794						101	21.3	0	100	106	24.6	1				96	18.0	0
2700	Horizon	HZ 797GT	R	105	24.7	2	99	107	22.2	1	99	109	25.6	2	108	22.1	0	106	18.7	1
2700	Maizex	MZ 2810DBR	BRO					99	21.8	0	102	95	25.4	1	97	20.4	0	104	18.2	0
2700	Maizex	MZ 2812SMX	WBDRLO					96	21.2	0	101	95	24.2	0	98	21.4	0	98	18.3	0
2700	PICKSEED	PS 2792VT2P RIB	BRO	102	23.8	0	101	102	21.7	0	101	99	24.8	0	96	20.9	0	105	18.5	0
2700	PICKSEED	PS 2793GSX RIB	WBDRLO					102	22.1	0	100	101	25.0	0	99	21.4	0	104	19.3	0
2700	Pioneer	P9188AMX	WBDRLO	99	24.5	0	101	101	22.0	0	100	101	24.7	0	106	22.7	0	101	19.3	0
2725	Dow Seeds	8202RA	WBDRLO	94	24.9	0	97	92	21.4	0	97	91	24.9	0	105	22.1	0	93	17.9	0
2750	Horizon	HZ 877	BDR L	102	24.3	0	97	104	21.4	0	96	112	24.5	1	107	21.4	0	96	18.2	0
2750	Maizex	MZ 3066DBR	BRO	101	24.2	0	102	99	21.7	0	102	102	25.2	1	106	21.8	0	96	18.2	0
2750	NK Brand	N27P 3110A	WBRL					106	23.1	0	101	104	26.4	1	101	21.2	0	108	19.8	0

Table 2: Elora, Lindsay, Wingham

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
				average of 4 trials				average of 2 trials				ELORA			LINDSAY			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 %
2775	Country Farm	CF377	WBRO	106	25.0	0	102	103	22.7	0	102	100	26.1	0	109	21.0	1	106	19.3	0
2775	DEKALB	DKC42-60RIB	WBDRLO					100	22.9	0	101	99	26.7	1	91	23.7	0	101	19.1	0
2775	Maizex	MZ 3202SMX	WBDRLO	102	25.5	0	101	105	23.2	0	100	105	26.7	0	97	22.4	0	106	19.7	0
2775	PICKSEED	PS 2759		101	25.0	0	96	103	21.8	0	96	106	25.8	0				100	17.8	0
2800	DEKALB	DKC43-10RIB	BRO	107	25.9	0	99	108	22.9	0	99	104	26.2	1	98	23.4	0	111	19.6	0
2800	Dow Seeds	DS90R27RA	WBDRLO	94	25.1	0	98	91	22.0	0	98	96	25.1	0	95	21.3	0	85	18.8	0
2800	Horizon	HZ 912						103	23.4	0	104	104	27.0	1				102	19.9	0
2800	Maizex	MZ 3484SMX	BDR	104	27.0	0	100	102	24.9	0	100	102	28.8	0	92	23.3	0	103	21.1	0
2800	NK Brand	N29T 3220 EZ	WBDRLO	107	23.5	0	98	109	21.5	0	98	114	24.1	1	108	21.9	0	104	18.9	0
2800	PRIDE Seeds	A6020G3 RIB	BDRLO					104	24.5	0	98	104	28.6	0	105	23.8	0	103	20.4	0
2800	PRIDE Seeds	A6102G8 RIB	WBDRLO					97	23.3	0	99	99	27.3	0	94	22.2	0	95	19.3	0
2825	Country Farm	CF416	WBDRLO					98	22.4	0	99	97	26.2	0	98	21.5	0	99	18.7	0
2825	Dow Seeds	8315RA	WBDRLO	102	27.2	0	97	105	23.9	0	98	104	26.6	0	98	24.1	0	106	21.2	0
2825	PICKSEED	PS 2844VT2P RIB	BRO	110	24.8	0	99	106	22.4	0	99	109	26.4	0	110	21.1	1	104	18.4	1
2825	Pioneer	P9526AMX	WBDRLO					106	24.7	0	100	103	28.6	0	102	23.1	0	110	20.8	1
2825	PRIDE Seeds	A6455G8 RIB	WBDRLO					104	22.3	0	98	106	25.6	1	94	21.7	0	102	19.0	0
2850	Dow Seeds	8395RA	WBDRLO	95	27.8	0	98	95	25.6	0	97	97	29.7	0	97	25.8	0	94	21.4	0
2850	Horizon	HZ 922	WBDRLO	103	29.7	0	97	104	24.6	0	97	103	29.6	0	95	24.5	0	104	19.6	0
2850	NK Brand	N35T-3110	WBRL					112	23.9	0	103	115	28.1	1	118	23.3	0	108	19.6	0
2875	Pioneer	P9644AM	WBRLLO	108	27.9	1	100	107	26.0	2	100	109	30.0	0	105	24.3	0	106	22.0	4
2900	Maizex	MZ 3515DBR	BRO	104	27.0	0	99	106	24.4	0	100	104	28.5	0	95	25.3	0	108	20.3	0
2925	Pioneer	P9644AMX	WBDRLO	106	28.1	0	101	109	26.1	0	100	110	30.2	0	93	27.8	0	107	22.0	0
2925	Pioneer	P9840AM	WBRLLO					105	25.1	0	96	108	30.2	1	109	24.6	0	101	20.0	0
2950	Dow Seeds	4425	BRL					108	26.9	0	96	109	31.2	1	105	26.2	0	107	22.6	0
LSD (0.10) for Yield Index Points*				3				4				9			5			5		
Average all hybrids **				191	24.6	0	66	206	22.1	0	70	207	25.5	0	172	21.5	0	204	18.7	0

¹ Elora 2014-2015, Lindsay 2014, Wingham 2015

² Elora, Wingham

* 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 3: Ottawa, Winchester, Waterloo, Blyth

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
				average of 9 trials				average of 3 trials				WINCHESTER			BLYTH			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 %
2550	Pioneer	P8542AM	WBRLO					93	19.0	104	93	18.9		95	17.9	0	91	20.3	0	
2550	Pioneer	P8542AMX	WBDRLO					89	19.5	104	94	19.0		86	19.0	1	89	20.7	2	
2600	Pioneer	P8622AM	WBRLO					89	20.0	102	91	19.2		89	18.6	0	87	22.3	0	
2625	Legend Seeds	5084						99	21.0	102	101	19.3		98	19.8	2	99	23.7	0	
2625	NK Brand	N18Q 3011A	BDR L					96	20.0	103	96	19.0		96	19.1	1	96	22.0	0	
2650	Pioneer	P9188AM	WBRLO	102	22.9		102	102	21.7	101	103	19.4		101	20.5	2	103	25.3	0	
2675	Pioneer	P9224AM	WBRLO					96	20.6	102	95	19.2		96	19.2	1	96	23.2	0	
2700	DEKALB	DKC39-97RIB	WBDRLO	99	22.1		103	95	20.0	102	104	19.0		87	18.2	0	97	22.9	1	
2700	Dow Seeds	8295RA	WBDRLO	91	22.8		100	94	21.4	100	90	19.3		91	18.8	0	99	26.2	0	
2700	Pioneer	P9188AMX	WBDRLO	98	23.2		103	95	21.3	101	93	19.5		93	19.9	2	97	24.5	0	
2725	Dow Seeds	8202RA	WBDRLO	93	22.6		100	93	20.4	98	98	19.1		93	19.2	0	90	22.9	0	
2750	Horizon	HZ 877	BDR L	101	23.1		99	106	20.4	98	106	19.4		101	19.2	0	110	22.7	0	
2750	Maizex	MZ 3066DBR	BRO					95	20.0	102	89	19.1		100	18.8	5	94	22.0	0	
2750	NK Brand	N27P 3110A	WBRL					100	20.8	102	98	19.4		100	19.6	0	101	23.6	0	
2775	DEKALB	DKC42-60RIB	WBDRLO					100	21.2	102	96	19.4		98	20.1	0	105	24.0	0	
2775	Legend Seeds	LR9688	BRO					92	19.8	101	94	19.1		95	18.4	0	89	22.1	0	
2775	Maizex	MZ 3202SMX	WBDRLO	104	23.3		102	102	21.3	101	104	19.3		101	20.1	0	103	24.6	0	
2775	PICKSEED	PS 2759		99	23.4		98	100	21.0	98	103	19.2		98	19.1	1	100	24.5	1	
2800	DEKALB	DKC43-10RIB	BRO					99	20.5	99	100	19.7		97	19.5	0	101	22.2	0	
2800	Dow Seeds	DS90R27RA	WBDRLO					93	21.0	100	96	19.2		92	19.2	1	92	24.5	0	
2800	Elite	E64H22 R	BRO					98	21.5	100	96	19.6		105	19.2	0	93	25.6	0	
2800	Horizon	HZ 912						98	21.3	105	100	19.2		98	19.8	2	97	24.9	1	
2800	Legend Seeds	30J190						101	21.0	99	99	20.0		101	20.0	7	102	22.9	3	
2800	Maizex	MZ 3484SMX	BDR	102	23.9		102	103	21.3	103	99	19.2		104	20.0	0	104	24.8	0	
2800	NK Brand	N29T 3220 EZ	WBDRLO	97	22.7		100	100	21.5	100	104	19.5		92	20.0	1	106	25.1	0	
2825	Country Farm	CF416	WBDRLO					97	21.0	100	97	19.7		102	19.3	0	93	23.9	0	
2825	Dow Seeds	8315RA	WBDRLO	96	24.4		99	102	21.7	99	103	19.7		101	20.7	0	102	24.5	0	
2825	Legend Seeds	LR9994	BRO					97	21.4	102	98	19.5		97	19.9	2	96	24.7	0	
2825	NK Brand	N33W 3110	WBRL					100	20.9	104	100	19.6		99	19.5	0	101	23.5	0	
2825	PICKSEED	PS 2844VT2P RIB	BRO	103	22.7		98	106	20.8	99	102	19.3		106	18.6	0	109	24.5	1	
2825	Pioneer	P9526AMX	WBDRLO					95	21.9	101	103	19.6		84	21.5	8	98	24.5	1	
2850	DEKALB	DKC44-13RIB	WBDRLO	102	24.0		101	103	21.4	101	99	19.7		102	19.9	0	106	24.6	0	
2850	Dow Seeds	8395RA	WBDRLO	93	24.5		99	96	22.7	99	95	19.8		97	21.9	0	94	26.4	1	
2850	Horizon	HZ 922	WBDRLO	97	26.0		97	97	22.2	97	98	19.6		97	20.3	1	96	26.7	1	
2850	Legend Seeds	LR9495	BDRLO					96	22.6	100	101	20.0		94	21.3	0	94	26.4	1	
2850	Maizex	MZ 342X						102	21.9	100	102	19.5		103	20.6	1	102	25.6	0	
2850	Maizex	MZ 3522DBR	BRO	98	25.5		100	101	22.6	100	99	19.4		107	21.6	0	97	26.8	0	
2850	NK Brand	N35T-3110	WBRL	102	24.2		102	103	22.5	101	109	20.0		106	20.8	1	96	26.9	0	
2850	PICKSEED	PS 28596GSX	WBDR L					95	22.0	98	93	19.6		97	20.7	0	93	25.7	0	
2875	Country Farm	CF441	R	99	23.2		103	100	21.7	102	102	19.3		108	20.2	0	91	25.5	0	
2875	Country Farm	CF460						100	21.2	102	103	19.4		105	19.7	1	93	24.6	1	

Table 3: Ottawa, Winchester, Waterloo, Blyth

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
			average of 9 trials				average of 3 trials				WINCHESTER			BLYTH			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 %
2875	Country Farm CF466	W B D R L O	97	25.5		101	94	22.7		100	93	20.2		90	21.6	0	100	26.1	0
2875	DEKALB DKC45-65RIB	W B D R L O	101	24.6		99	100	21.9		98	96	20.1		97	20.2	0	107	25.5	0
2875	Legend Seeds 30J495						101	21.2		97	99	20.3		108	21.1	1	97	22.2	1
2875	PICKSEED PS 2818GSX RIB	W B D R L O	103	24.3		99	109	21.5		99	106	19.5		112	20.1	1	107	25.0	0
2875	Pioneer P9644AM	W B R L O	102	25.2		102	102	23.2		101	104	20.1		99	21.2	2	103	28.4	0
2900	DEKALB DKC46-17RIB	B R O	103	24.5		102	103	21.9		102	107	19.8		103	20.0	0	101	25.9	0
2900	Legend Seeds LR9496	W B D R L O					99	22.8		100	101	20.2		99	21.3	0	98	26.8	0
2900	Maizex MZ 3515DBR	B R O	102	24.1		101	102	22.2		100	101	19.7		105	21.0	0	100	25.8	0
2900	Maizex MZ 3550SMX	W B D R L O	99	25.8		99	102	22.7		99	100	19.9		105	21.3	0	101	27.0	0
2900	NK Brand N37R 3111	W B D R L					105	23.1		98	100	20.7		115	22.1	0	99	26.6	0
2900	PICKSEED PS 2902VT2P RIB	B R O	100	23.7		100	101	21.2		100	103	19.3		99	21.2	1	102	23.2	0
2900	PRIDE Seeds A6744G8 RIB	W B D R L O					99	23.4		102	97	20.7		97	20.8	0	103	28.6	0
2925	Country Farm CF474	W B D R L O	100	24.6		99	105	21.7		99	102	19.7		109	19.9	0	104	25.5	0
2925	DEKALB DKC47-07RIB	B R O					101	22.1		100	109	19.5		96	21.1	0	101	25.6	0
2925	Elite E68S20 LR	W B D R L O					106	23.4		100	100	20.3		107	21.2	0	109	28.8	0
2925	Pioneer P9644AMX	W B D R L O	101	25.4		101	101	23.3		100	99	19.8		103	21.9	0	102	28.2	0
2925	Pioneer P9840AM	W B R L O					102	23.3		96	102	20.2		96	21.3	0	106	28.3	0
2925	PRIDE Seeds A6757G8 RIB	W B D R L O	99	25.9		99	103	23.2		99	97	19.9		101	21.7	0	108	28.0	0
2950	Dow Seeds 4425	B R L	102	27.4		97	102	24.7		96	102	20.2		100	23.7	0	102	30.4	0
2950	Dow Seeds DS97B47RA	W B R L					103	24.2		99	96	20.6		100	20.9	1	109	31.3	0
2950	Elite E71Z19 R	B D R O					100	23.9		100	104	20.5		102	22.7	2	97	28.6	0
2950	Maizex MZ 395X						105	21.1		100	104	19.8		104	20.3	0	108	23.2	1
2950	Maizex MZ 3964DBR	B R O					104	23.5		96	100	20.8		105	21.1	0	106	28.5	0
2950	Pioneer P9807AM	W B R L O					99	23.4		98	99	20.4		98	22.4	0	100	27.5	0
3000	Elite E70G30 LR	W B D R L O					108	24.3		96	106	20.8		113	22.4	1	106	29.7	0
3000	Horizon HZ 1026A	B D R L	103	27.3		97	103	23.7		97	103	20.0		103	22.3	1	102	28.9	0
3000	Maizex MZ 4010DBR	B R O					99	22.9		99	99	20.5		100	21.2	1	97	26.9	0
3000	Pioneer P0157AM	W B R L O	106	26.9		100	111	24.8		98	109	21.0		113	23.8	0	111	29.7	0
3050	Maizex MZ 4092DBR	B R O	106	25.6		101	109	22.6		101	110	19.6		110	21.8	0	107	26.3	0
3050	NK Brand N45P-3011A	B D R L	99	26.7		99	97	23.3		99	99	20.2		92	22.4	1	101	27.4	0
3050	Pioneer P0157AMX	W B D R L O	103	27.4		100	105	25.4		97	99	21.5		105	23.7	0	109	31.0	0
3050	PRIDE Seeds A7188G8 RIB	W B D R L O	98	25.5		98	100	23.1		98	108	19.7		99	22.2	0	96	27.4	0
LSD (0.10) for Yield Index Points*			3				4				9			5			6		
Average all hybrids **			193	24.6		67	207	21.9		71	165	19.7		218	20.5	1	239	25.5	0

¹ Blyth 2014-2015, Ottawa 2014, Lancaster 2014, Winchester 2014-2015, Dublin 2014, Waterloo 2014-2015

² Blyth, Winchester, Waterloo

* 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 4: Exeter, Ilderton, Woodstock, Belmont

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials											
				average of 11 trials				average of 4 trials				EXETER			ILDERTON			WOODSTOCK			BELMONT		
				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 %
2825	Legend Seeds	LR9994	BRO					88	19.3	1	104	88	19.7	0	84	17.3	1	94	21.2	1	87	19.0	1
2825	NK Brand	N33W 3110	WBRL					95	19.1	1	103	93	19.6	0	89	17.5	4	99	20.8	0	100	18.7	0
2825	Pioneer	P9526AMX	WBDRLO					94	19.4	8	102	96	19.4	0	98	18.1	25	88	20.8	3	94	19.2	4
2850	Horizon	HZ 922	WBDRLO					94	19.2	6	99	96	19.9	1	94	17.5	15	92	20.8	2	93	18.6	6
2850	Legend Seeds	LR9495	BDRO					96	19.4	0	102	90	19.7	0	96	17.8	2	104	20.7	0	95	19.5	0
2850	Maizex	MZ 3522DBR	BRO					95	19.5	0	101	93	19.9	0	93	18.1	1	97	21.0	1	95	18.9	0
2850	NK Brand	N35T-3110	WBRL					103	19.8	2	103	103	20.0	1	99	19.4	4	102	20.5	2	106	19.1	1
2875	Legend Seeds	30J495						97	18.9	3	98	88	18.7	0	101	18.0	1	101	19.5	8	101	19.5	4
2875	PICKSEED	PS 2818GSX RIB	WBDRLO					102	18.7	1	100	105	19.6	1	102	17.3	5	104	19.4	0	96	18.7	0
2875	Pioneer	P9644AM	WBRL	103	25.2	3	103	103	20.1	1	101	107	20.4	0	102	18.3	3	105	21.3	1	98	20.3	1
2900	Legend Seeds	LR9496	WBDRLO					95	19.7	1	102	100	20.0	0	93	18.6	4	92	21.0	0	93	19.1	0
2900	Maizex	MZ 3515DBR	BRO					97	19.4	2	102	106	19.5	0	93	18.0	5	96	20.8	1	94	19.2	1
2900	NK Brand	N37R 3111	WBDRLO					97	20.9	1	100	94	22.3	0	106	18.8	4	96	21.4	1	92	21.3	0
2900	PICKSEED	PS 2902VT2P RIB	BRO					91	19.0	1	101	98	19.7	0	90	17.5	2	95	20.0	0	82	18.9	1
2925	Country Farm	CF474	WBDRLO					98	19.1	1	101	94	20.2	0	96	17.9	2	99	20.1	0	101	18.4	1
2925	DEKALB	DKC47-07RIB	BRO					96	19.0	0	102	96	19.5	0	100	18.1	1	93	19.9	0	94	18.4	0
2925	Pioneer	P9644AMX	WBDRLO	97	25.3	7	103	96	20.0	1	102	93	21.0	0	98	18.7	1	102	20.4	4	90	19.7	1
2925	Pioneer	P9840AM	WBRL					103	19.6	3	98	100	20.0	0	104	18.0	7	101	20.9	0	107	19.4	5
2925	PRIDE Seeds	A6757G8 RIB	WBDRLO	103	26.0	3	100	103	20.0	3	101	101	20.4	0	101	18.0	9	101	21.3	1	108	20.2	0
2950	Country Farm	CF492R	R					97	19.8	0	102	100	19.6	1	100	18.7	0	96	21.4	1	93	19.5	0
2950	Dow Seeds	4425	BRL	103	27.3	2	99	100	20.9	1	97	103	22.0	0	97	19.3	2	101	21.6	1	97	20.5	0
2950	Dow Seeds	DS97B47RA	WBRL					94	20.0	1	99	92	20.3	1	94	18.0	3	93	21.7	1	96	19.9	0
2950	Elite	E71Z19 R	BDRO	99	25.5	2	102	100	20.3	2	101	104	20.6	0	102	18.5	9	96	22.4	0	99	19.7	0
2950	Maizex	MZ 3964DBR	BRO					103	19.9	1	98	106	19.8	0	94	17.4	5	112	22.0	1	98	20.5	0
2950	Pioneer	P9807AM	WBRL	98	25.6	3	101	95	21.0	0	101	97	21.0	0	90	20.0	0	94	22.6	1	97	20.3	1
2975	DEKALB	DKC50-78RIB	BRO	103	25.4	0	101	106	19.9	1	101	108	20.9	0	105	18.5	2	112	20.8	0	99	19.4	0
3000	DEKALB	DKC49-72RIB	WBDRLO	100	25.7	1	99	99	19.8	1	99	103	20.3	0	99	17.9	2	93	21.5	1	101	19.6	0
3000	Dow Seeds	8445RA	WBDRLO	95	26.6	6	96	94	20.5	2	97	98	22.4	0	100	19.6	5	85	18.5	1	92	21.3	1
3000	Dow Seeds	8486RA	WBDRLO	97	27.1	1	99	93	20.3	0	98	86	21.2	0	100	18.7	1	95	21.0	0	93	20.2	0
3000	Elite	E70G30 LR	WBDRLO					101	20.2	1	99	103	20.9	0	103	17.9	5	99	21.9	0	99	20.2	0
3000	Horizon	HZ 1026A	BDRL	102	27.2	3	99	102	20.5	3	98	99	20.8	0	102	18.5	7	98	21.6	3	110	21.1	1
3000	Maizex	MZ 4010DBR	BRO	99	26.1	2	102	100	20.2	1	101	99	21.0	0	103	19.0	2	101	21.4	1	97	19.3	0
3000	PICKSEED	PS 3035VT2P RIB	BRO	103	27.0	2	99	104	20.9	2	100	98	21.7	0	112	18.8	4	101	22.3	4	104	20.9	0
3000	PICKSEED	PS 30548GSX	WBDRLO					101	21.1	1	99	103	22.0	0	92	19.1	2	112	22.7	0	97	20.4	0
3000	Pioneer	P0157AM	WBRL	103	27.6	2	102	107	21.6	0	101	102	22.0	0	105	20.1	1	108	22.9	0	111	21.5	1
3050	Country Farm	CF586	WBDRLO					96	19.9	0	103	95	20.8	0	95	18.5	1	91	20.8	0	102	19.5	0
3050	Country Farm	CF600						101	21.2	1	98	101	21.6	0	100	19.5	3	101	22.8	1	103	20.8	1
3050	Country Farm	CF610						103	20.2	3	101	106	21.0	1	102	18.9	7	101	21.3	4	104	19.6	0
3050	DEKALB	DKC50-90RIB	WBDRLO	99	26.8	1	100	103	20.3	0	101	99	21.3	0	105	19.5	1	103	21.5	1	103	18.9	0
3050	Dow Seeds	8505RA	WBDRLO	98	29.0	2	98	100	21.4	2	99	97	22.1	0	105	19.8	7	100	22.1	2	98	21.8	0
3050	Dow Seeds	DS01C77RA	WBRL					98	21.0	1	99	97	22.1	0	96	17.8	1	96	22.5	2	104	21.5	2
3050	Dow Seeds	X13526VX	WBRL	100	28.5	9	99	99	22.0	4	97	100	23.7	0	96	20.3	8	100	22.4	8	102	21.6	1
3050	Maizex	MZ 4092DBR	BRO	100	26.2	6	103	99	20.1	1	103	100	19.9	0	99	18.7	4	99	21.0	1	96	20.7	0
3050	Maizex	MZ 4107SMX	WBDRLO	92	27.0	1	100	93	20.2	0	101	93	20.8	0	95	18.7	1	89	21.0	1	93	20.4	0
3050	NK Brand	N45P-3011A	BDRL					102	20.9	0	100	101	21.3	0	107	20.1	2	99	21.9	0	99	20.2	0

Table 4: Exeter, Ilderton, Woodstock, Belmont

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials											
			average of 11 trials				average of 4 trials				EXETER			ILDERTON			WOODSTOCK			BELMONT		
			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 %
3050	Pioneer P0157AMX	W B D R L O	101	28.8	0	101	105	22.2	0	99	103	22.9	0	106	20.5	0	101	23.7	0	110	21.7	0
3075	PRIDE Seeds A7270G8 RIB	W B D R L O	104	28.4	3	99	106	22.1	4	98	110	23.4	0	103	19.0	15	107	23.8	1	105	22.1	1
3100	Country Farm CF611	R					100	20.0	3	101	104	21.0	0	99	18.9	7	103	21.6	3	95	18.7	1
3100	DEKALB DKC52-84RIB	W B D R L O	99	26.1	3	99	101	19.9	4	99	102	20.8	0	101	18.3	16	100	20.4	0	103	20.2	0
3100	Dow Seeds 8552RA	W B D R L O									88	19.5	1	99	22.4	0	95	20.3	0			
3100	Maizex MZ 4324SMX	W B D R L O					105	22.8	1	100	108	23.1	0	100	21.2	1	105	24.0	2	108	22.7	0
3100	Maizex MZ 4525SMX	W B D R L O	102	28.2	2	98	106	21.8	4	99	110	21.6	0	107	20.1	11	101	23.7	5	107	21.6	1
3100	PICKSEED PS 3155GSX RIB	W B D R L O					106	22.7	2	101	110	23.5	0	108	20.9	6	103	23.9	2	105	22.3	0
3100	Pioneer P0216AM	W B R L O	103	27.6	2	98	107	20.9	1	98	109	21.5	0	104	19.1	3	106	22.7	1	111	20.3	0
3100	Pioneer P0496AMX	W B D R L O	100	27.4	5	101	100	21.6	0	101	98	22.0	0	98	20.8	1	105	22.8	1	99	20.7	0
3125	Country Farm CF626	W B D R L O	98	26.3	5	100	98	19.9	3	101	101	20.4	0	102	18.4	7	90	21.6	5	101	19.1	1
3125	DEKALB DKC53-56RIB	W B D R L O					105	22.1	1	100	106	23.3	0	103	19.7	3	104	23.4	0	109	22.0	1
3150	Country Farm CF660						104	21.6	2	100	107	22.0	0	105	20.4	3	101	23.2	2	103	20.7	3
3150	Country Farm CF662	R					104	21.4	3	100	103	21.7	0	106	20.7	3	103	22.9	6	104	20.4	4
3150	Maizex MZ 4640SMX	W B D R L O	102	29.5	4	99	107	21.9	7	99	108	23.0	0	106	19.9	18	109	23.3	8	106	21.3	2
3150	Pioneer P0506AM	W B R L O	103	29.2	3	100	106	22.3	0	99	108	23.9	0	105	20.8	1	103	22.8	1	106	21.7	0
3175	PRIDE Seeds A7615G8 RIB	W B D R L O					105	22.3	1	100	103	23.6	0	110	21.2	4	102	23.0	0	104	21.5	0
3200	Maizex MZ 4676DBR	B R O					112	23.1	1	98	116	23.7	0	112	21.3	1	106	24.1	4	116	23.1	0
3200	PRIDE Seeds A7311G8 RIB	W B D R L O					102	21.9	1	97	104	22.8	0	110	19.6	1	99	23.9	2	97	21.1	1
3350	Pioneer P0987AMX	W B D R L O					97	25.4	1	100	95	27.0	1	89	24.0	2	104	25.3	0	102	25.2	0
3400	Pioneer P1197AMXT	W B D R L O					103	25.9	0	94	98	27.2	0	102	23.7	1	112	26.5	0	101	26.2	0
LSD (0.10) for Yield Index Points*			2				4				5			7			9			7		
Average all hybrids **			205	27.1	3	67	223	20.7	2	72	234	21.4	0	217	19.1	4	221	21.9	2	219	20.4	1

¹ Belmont 2014-2015, Exeter 2014-2015, Ilderton 2014-2015, Kerwood 2014, West Lorne 2014, Thorndale 2014, Woodstock 2014-2015

² Belmont, Exeter, Ilderton, Woodstock

* 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: Ridgetown, Tilbury, Dresden

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
			average of 5 trials				average of 3 trials				DRESDEN			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 %
2950	Dow Seeds 4425	B R L					94	16.4	2	99	99	15.6	3	88	18.1	1	95	15.5	2
2975	DEKALB DKC50-78RIB	B R O					103	16.0	0	101	107	15.5	0	95	16.8	0	107	15.6	0
3000	Dow Seeds 8445RA	W B D R L O					89	16.8	12	97	91	15.7	23	93	19.0	5	84	15.7	9
3000	Dow Seeds 8486RA	W B D R L O					96	16.2	1	98	100	15.5	3	92	17.6	0	97	15.5	0
3000	Pioneer P0157AM	W B R L O	102	20.2	1	101	103	17.2	2	101	103	16.3	4	101	19.4	1	106	15.9	1
3050	DEKALB DKC50-90RIB	W B D R L O					95	16.1	0	101	102	15.4	1	91	17.4	1	95	15.6	0
3050	Dow Seeds 8505RA	W B D R L O					96	16.6	3	100	99	15.6	7	94	18.4	1	95	15.7	2
3050	Dow Seeds DS01C77RA	W B R L					97	16.7	0	99	94	15.6	1	92	18.9	0	105	15.6	0
3050	Dow Seeds X13526VX	W B R L					98	17.3	15	99	91	16.1	31	101	19.7	1	102	16.0	13
3050	Pioneer P0157AMX	W B D R L O	99	20.3	1	102	100	17.5	2	102	103	16.6	4	98	19.9	0	101	15.9	2
3100	DEKALB DKC52-84RIB	W B D R L O	97	19.1	1	99	99	16.2	1	99	101	15.4	1	99	17.8	1	97	15.5	1
3100	Dow Seeds 8552RA	W B D R L O					96	16.5	0	99	94	15.7	0	92	17.8	1	101	15.9	0
3100	Maizex MZ 4324SMX	W B D R L O					101	17.2	2	102	96	16.4	5	103	19.3	2	105	16.0	1
3100	Maizex MZ 4525SMX	W B D R L O	99	19.8	1	99	102	16.9	2	99	100	15.9	4	103	19.0	0	102	15.9	2
3100	Pioneer P0216AM	W B R L O	101	19.3	1	100	104	16.8	1	99	104	15.9	2	105	18.7	2	103	15.9	1
3100	Pioneer P0496AMX	W B D R L O	99	19.6	1	102	99	16.9	1	102	99	15.8	3	100	18.8	0	99	16.0	2
3125	DEKALB DKC53-56RIB	W B D R L O	97	19.7	0	101	99	16.8	1	101	105	16.2	0	100	18.4	0	91	15.8	2
3150	Country Farm CF660						97	16.9	6	100	105	16.1	7	97	18.8	3	89	15.7	8
3150	Country Farm CF662	R					97	16.9	9	100	96	16.4	17	97	18.7	3	97	15.7	7
3150	DEKALB DKC54-11RIB	B R O					102	16.8	0	99	103	15.8	1	100	19.0	0	102	15.6	0
3150	Dow Seeds 8521RA	W B D R L O					95	17.7	4	101	92	16.6	8	96	19.7	1	98	16.8	4
3150	Maizex MZ 4640SMX	W B D R L O	96	20.5	7	101	97	17.3	12	100	96	16.1	30	99	20.1	1	95	15.8	5
3150	Pioneer P0506AM	W B R L O	104	20.2	0	101	105	17.6	1	100	105	16.9	1	104	19.6	0	106	16.2	1
3175	DEKALB DKC55-93RIB	W B D R L O	101	20.1	0	98	102	17.2	0	99	103	15.6	1	103	20.4	1	101	15.6	0
3200	Country Farm CF686	W B D R L O					104	16.5	0	98	106	15.7	0	108	18.3	0	99	15.4	1
3200	Dow Seeds 8598RA	W B D R L O	101	21.8	0	97	100	18.8	0	96	106	17.5	1	102	22.3	0	93	16.7	1
3200	Dow Seeds X13663S2	W B D R L O					94	17.7	1	100	95	16.6	2	91	20.1	0	97	16.5	0
3200	Maizex MZ 4676DBR	B R O	107	20.5	3	100	107	17.7	6	100	101	16.2	15	113	21.1	0	105	15.8	2
3250	DEKALB DKC57-75RIB	W B D R L O	100	20.7	5	100	101	17.9	8	100	97	16.6	17	104	20.8	1	103	16.4	7
3250	Dow Seeds 8669RA	W B D R L O					92	18.2	13	99	92	17.0	26	96	21.1	4	86	16.5	10
3250	Maizex MZ 4728SMX	W B D R L O	98	20.7	4	99	98	17.6	6	100	91	16.0	14	104	20.9	1	100	15.9	5
3250	PRIDE Seeds A7790G8 RIB	W B D R L O					104	18.2	5	104	102	17.1	14	104	21.2	0	105	16.3	0
3275	NK Brand N61P-3000GT	B D R L	100	20.7	1	97	103	18.0	2	98	110	16.8	4	101	20.7	1	98	16.5	1
3300	Country Farm CF747	W B D R L O	97	20.9	2	101	100	17.5	4	102	91	16.4	11	104	20.1	1	104	16.1	0

Table 5: Ridgetown, Tilbury, Dresden

2015 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2014-2015 averages ¹				2015 averages ²				Results of 2015 Performance Trials								
				average of 5 trials				average of 3 trials				DRESDEN			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 %
3325	Dow Seeds	X12725VX	W B D R L O	99	21.9	1	100	98	19.7	1	100	100	18.2	3	95	22.9	0	101	17.9	1
3350	Country Farm	CF762	R	98	21.4	1	102	99	18.7	2	103	99	16.0	3	102	23.5	0	97	16.7	3
3350	Dow Seeds	4687	B D R L	103	22.5	0	97	106	19.8	0	97	108	17.7	0	101	24.1	1	110	17.7	0
3350	Dow Seeds	8695RA	W B D R L O	97	21.9	6	97	95	19.4	10	97	90	17.0	28	95	23.6	2	101	17.5	0
3350	Maizex	MZ 5103SMX	W B D R L O	100	21.4	2	102	104	18.4	2	102	99	16.7	4	106	21.6	1	105	16.9	1
3350	Maizex	MZ 5111DBR	B R O					108	19.8	3	99	112	18.5	8	108	24.1	0	104	16.9	1
3350	Pioneer	P0987AMX	W B D R L O	97	21.7	1	104	96	18.8	1	103	97	17.2	3	100	21.9	1	90	17.3	0
3375	Country Farm	CF800		100	21.3	3	102	102	18.3	4	103	106	16.9	9	96	21.2	1	105	16.8	2
3375	NK Brand	N66V 3000GT	B D R L					102	17.6	8	103	98	15.7	11	104	21.2	0	104	16.0	13
3375	PRIDE Seeds	A8177G2 RIB	B R O					107	19.0	2	100	103	17.9	3	108	21.9	1	110	17.1	1
3375	PRIDE Seeds	A8250G8 RIB	W B D R L O	102	21.5	1	101	103	18.6	2	101	101	16.6	4	106	22.0	1	101	17.1	2
3400	Pioneer	P1197AMXT	W B D R L O	104	22.6	1	98	104	20.5	1	98	102	18.2	3	107	25.8	1	102	17.6	1
3400	PRIDE Seeds	A8303G8 RIB	W B D R L O					107	21.8	0	101	112	19.8	1	103	26.5	0	107	19.1	1
LSD (0.10) for Yield Index Points*				3				4				8			5			8		
Average all hybrids **				245	20.8	2	73	247	17.7	3	75	230	16.5	7	275	20.4	1	237	16.3	2

¹ Ridgetown 2015, Tilbury 2014-2015, Dresden 2014-2015

² Ridgetown, Tilbury, Dresden

* 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.