



# 2018

## Ontario Hybrid Corn Performance Trials

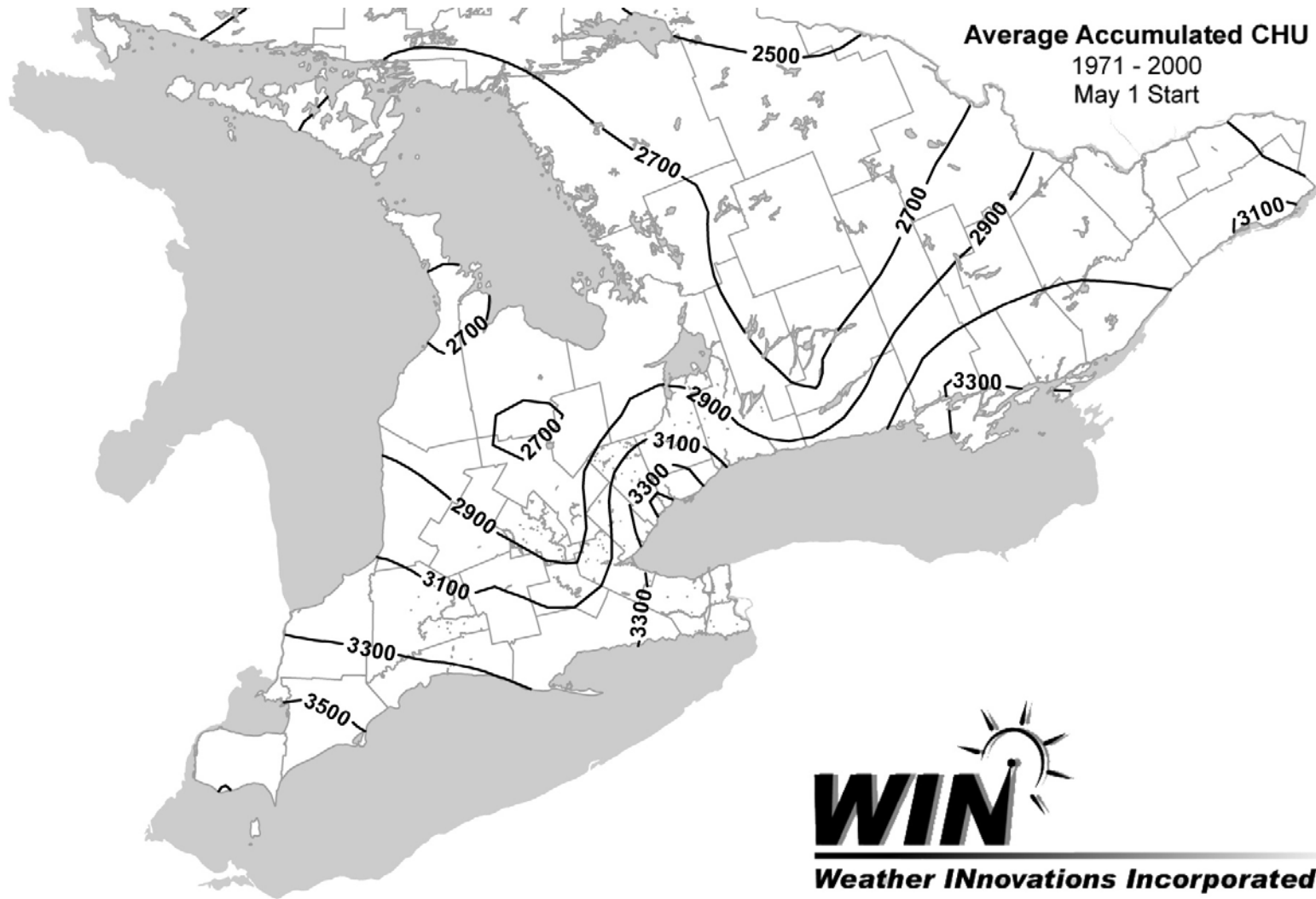
Data collected 2017-2018

Conducted by the Ontario Corn Committee • [www.gocorn.net](http://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, Food and Rural Affairs, the University of Guelph, the Ontario Soil and Crop Improvement Association, the Grain Farmers of Ontario and the Canadian Seed Trade Association. Hybrid Performance trials are conducted each year by the following cooperating agencies:

Ridgetown Campus, University of Guelph;

Plant Agriculture Department, University of Guelph;

Winchester Research Station, University of Guelph,

Kent Ag Research Inc.,

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.

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For further information, contact  
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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. For example, if the LSD is 10, two hybrids with yield indexes of 110 and 101 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](http://www.refugeselector.ca)

## Explanation of Codes for Special Genetic Traits

Code	GM Traits
0	Conventional Hybrid
3	YieldGard VT Triple
4	Roundup Ready Corn 2
6	Genuity VT Double PRO
7	Genuity VT Triple PRO
8	Dow AgroSciences SmartStax or Genuity SmartStax
10	Herculex I with Roundup Ready Corn 2
12	Herculex XTRA with Roundup Ready Corn 2
14	Agrisure GT
18	Agrisure 3000GT or Agrisure 3011
19	Agrisure GT/CB/LL or Agrisure 3010
20	Agrisure Viptera 3111
21	Agrisure Artesian 3011A
22	Agrisure 3110
23	Optimum AcreMax
24	Optimum AcreMax Xtreme
25	Optimum AcreMax Xtra
26	Agrisure 3122
27	Agrisure Viptera 3220
28	Agrisure 3120
29	PowerCore
30	PowerCore Enlist
31	SmartStax Enlist

### 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 2018. Although the Ontario Corn Committee believes the information contained in this report is accurate, growers are advised 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>

## Explanation of Seed Treatment Codes

	Seed Treatments
-	No Treatment
A	Acceleron 250
C	Cruiser Maxx 250
F	Fortenza
L	Lumivia
P	Poncho 250
P5	Poncho 500

## Seed Corn Dealers

Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Brevant	CORTEVA AGRISCIENCE, Agriculture Division of DowDuPont	2400, 215 2 Street SW, Calgary, AB T2P 1M4	1-403-735-8800
Country Farm	Country Farm Seeds Ltd.	Box 790, Blenheim, ON NOP 1A0	1-800-449-3990
CROPLAN	WinField United	62 rue de l'Eglise, app 3, McMasterville (QC), QC J3G1G3	1-514-220-9625
De Dell	De Dell Seeds Inc	7095 Century Drive, Melbourne, ON N0L 1T0	1-519-264-2676
DEKALB	Monsanto Canada Inc.	900 - One Research Road, Winnipeg, MB R3T 6E3	1-800-667-4944
DLF PICKSEED	DLF Pickseed Canada Inc.	1 Greenfield Road, Lindsay, ON K9V 4S3	1-705-878-9240
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	1-613-989-3000
Maizex	Maizex Seeds Inc.	4488 Mint Line, R.R.#2, Tilbury, ON NOP 2L0	1-877-682-1720
NK Brand	Syngenta Seeds Inc.	15910 Medway Rd., R.R.#1, Arva, ON N0M 1C0	1-800-756-SEED
Pioneer	Pioneer Hi-Bred Canada Company	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

## 2018 Trial Locations and General Information - Ontario Hybrid Corn Performance Trials

Location	See Table Number	Heat Unit Rating	5 Year Heat Unit Average <sup>1</sup>	2018 CHU Total <sup>2</sup>	Soil Type	Co-operator	Final plants per acre <sup>3</sup>	Date planted <sup>4</sup>	Date Harvested
Orangeville	1	2700	2836	3213	Sandy Loam	Timstar Farms Ltd.	34000	May 09	Oct 17
Dundalk	1	2600	N/A	2830	Sandy Loam	Leo Blydorp	34000	May 09	Oct 19
Elora	2	2800	2946	3292	Silt Loam	University of Guelph	34000	May 10	Oct 04
Port Hope T2	2	2800	N/A	3065	Sandy Loam	Bruce Hendry	34000	May 12	Nov 12
Winchester T2	2	3000	N/A	3336	Silt Loam	Winchester Ag. Research Station	34000	May 08	Oct 30
Wingham	2	2800	N/A	3237	Silt Loam	Rob Warwick	34000	May 09	Oct 24
Bainsville	3E	3000	N/A	3037	Clay Loam	Rob McDonald	30000	May 13	Nov 09
Ottawa	3E	3000	N/A	3302	Sandy Loam	AAFC- ORDC	34000	May 12	Oct 01
Winchester	3E	3000	N/A	3336	Silt Loam	Winchester Ag. Research Station	32000	May 11	Oct 25
Blyth	3W	3000	3024	3266	Silt Loam	Peter Heinrich	34000	May 09	Oct 25
Port Hope	3W	3000	N/A	3065	Sandy Loam	AAFC- ORDC	34000	May 12	Nov 12
Waterloo	3W	2900	3097	3545	Sandy Loam	Rosendale Farms Ltd	34000	May 08	Oct 16
Exeter	4	3050	N/A	3244	Silt Loam	Cliff Hicks	Trial discarded - weed escapes		
Ilderton	4	3100	3152	3540	Silt Loam	John Walls	34000	May 14	Dec 08
Woodstock	4	3150	3082	3218	Loam	Wes Hart	34000	May 18	Nov 21
Belmont	4	3250	3166	3166	Clay Loam	Mark Taylor	34000	May 30	Nov 22
Ridgetown	5	3450	N/A	3485	Loam	University of Guelph	34000	May 24	Nov 08
Tilbury	5	3650	3483	N/A	Clay	Dan Sullivan	Trial discarded - uneven stands		
Dresden	5	3600	3350	3402	Sandy Loam	Brent Mcfadden	34000	May 28	Nov 08

### Notes:

1 Average total heat unit accumulation 2013 - 2017, 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.

**2018 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 (oat cover crop)	Disc	Disc	LR	MR	6.6	152	30	98	Primextra Callisto Accent	4.0 l/ha 0.3 l/ha 33 g/ha	May 05 Aug 06 Jun 06	ppi post post	55	47	96	136	42	376
Dundalk	1	Soybeans		Cultivator x3	MR	HR	7.5	145	45	90	Primextra Callisto Accent	4.0 l/ha 0.3 l/ha 33 g/ha	May 17 May 17 May 17	pre pre pre	77	53	69	142	35	376
Elora	2	Winter Wheat	Chisel Plow	Cultivator x2	MR	MR	7.5	152	75	90	Primextra Callisto Accent	4.0 l/ha 0.3 l/ha 33 g/ha	May 16 May 16 Jun 08	pre pre post	62	56	38	74	43	273
Port Hope T2	2	Winter Wheat	None	Cultivate 2X	LR	MR	7.5	180	80	95	Primextra Calysto	1.4l/a 120ml/a	May 12 May 12	pre pre	69	64	25	74	85	317
Winchester T2	2	Soybeans	Chisel Plow	Cultivator				140	64	22	Dual II Magnum Aatrex Accent Distinct	0.5 L/ac 0.5 L/ac 13 g/ac 115 g/ac	May 07 May 07 Jun 18 Jun 18	ppi ppi post post	34	95	122	35	96	382
Wingham	2	Winter Wheat	RTS	RTS 2x	LR	MR	7.6	180	48	24	Roundup Frontier Marksman		May 08 May 08 May 08	ppi ppi ppi	73	72	82	128	35	390
Bainsville	3E	Soybeans	None	RTS, Cultivate	MR	MR	5.7	180	75	95	Primextra Calysto	1.4l/a 120ml/a	May 13 May 13	pre pre	41	42	181	102	68	434
Ottawa	3E	Soybeans	Soil Save	Disc/Mulch Finisher	HR	HR	7.2	200	20	0	Primextra II Magnum Calisto Ultim 75DF Distinct	3L/Ha 0.3L/Ha 33.7g/Ha 285g/Ha	May 11 May 11 May 11 May 11	ppi ppi post post	31	59	126	58	65	339
Winchester	3E	Winter Wheat	Chisel Plow	Cultivator				180	52	20	Dual II Magnum Aatrex Accent Distinct	0.5 L/ac 0.5 L/ac 13 g/ac 115 g/ac	May 07 May 07 Jun 20 Jul 20	ppi ppi post post	34	95	122	35	96	382
Blyth	3W	Winter Wheat	Strip Till	Strip Till	MR	MR	7.6	205	48	24	Roundup Integrity		May 07 May 07	pre pre	51	75	55	180	50	411
Port Hope	3W	Winter Wheat	none	cultivate 2X	LR	MR	7.5	180	80	95	Primextra Calysto	1.4l/a 120ml/a	May 12 May 12	pre pre	69	64	25	74	85	317
Waterloo	3W	Wheat (Oat cover crop)	Vertical Tillage	Cultivator x2	RR	LR	6.7	180	80	90	Primextra Callisto	3.5 l/ha 0.3 l/ha	May 03 Jun 06	ppi post	79	61	65	109	62	376
Exeter	4	Winter Wheat underseeded to Red Clover	Plough	Cultivate 2x	MR	LR	7.6	190	48	24	Dual Marksman Accent Peak, Banvel		May 16 Jun 05 Jun 05 Jun 21	ppi post post post	47	92	68	160	69	436
Ilderton	4	Winter Wheat	Chisel	Cultivate	HR	LR	7.1	180	48	24	Frontier Marksman Accent		May 12 Jun 05 Jun 05	ppi post post	60	120	130	150	40	500
Woodstock	4	Soybeans	chisel	cultivate 2X	MR	HR	6.1	190	75	80	Primextra Calysto	1.4l/a 120ml/a	May 18 May 18	pre pre	15	102	111	88	33	349
Belmont	4	Winter Wheat	Horsch Joker	Cultivate	LR	LR	6.7	190	32	2	Engenia Primextra	0.4 L/ac 1.3 L/ac	Jun 20 May 13	post ppi	31	59	80	137	60	367
Ridgetown	5	Soybeans	Chisel Plow	Cultivate	LR	HR	6.8	190	32	2	Option Aatrex Callisto 28%	630ml/ac 235ml/ac 85ml/ac 1 L/ac	Jun 15 Jun 15 Jun 15 Jun 15	post post post post	109	48	96	110	108	471
Tilbury	5			Trial discarded because of poor emergence																
Dresden	5	Soybean	Chisel Plow	Cultivate	MR	MR	6.8	190	32	2	Option Aatrex Callisto 28%	630ml/ac 235ml/ac 85ml/ac 1 L/ac	Jun 14 Jun 14 Jun 14 Jun 14	post post post post	76	96	78	105	88	443



**Table 1: Orangeville, Dundalk**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 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 %
2200	Country Farm	CF186	6	F	93	26.8	1	105	89	27.8	1	103	83	29.5	1	94	26.1	1
2275	DEKALB	DKC29-89RIB	6	A					98	27.2	0	102	102	27.7	0	94	26.6	0
2300	Brevant	B79N56PWE	30	C					102	27.5	1	100	109	29.0	0	94	26.0	2
2300	Maizex	MZ 1688DBR	6	F					100	27.8	0	100	96	28.5	0	104	27.1	0
2300	Pioneer	P7958AM	23	L					94	26.9	2	100	89	27.0	0	99	26.9	3
2400	Brevant	B81N65PW	29	C	92	27.9	2	100	92	27.8	1	100	91	27.4	0	93	28.1	1
2400	Country Farm	CF190	0	F	89	28.1	1	101	87	28.3	2	100	85	28.3	0	90	28.3	4
2400	Country Farm	CF192	4	F	91	29.0	0	102	86	28.6	0	103	84	28.7	0	89	28.5	0
2400	De Dell	DL 1081	0	-					96	29.2	2	100	97	29.1	1	94	29.3	4
2400	NK Brand	NK8005 3110A	22	C					97	28.7	1	100	92	29.1	0	103	28.2	1
2400	Pioneer	P8234AM	23	L	91	28.3	0	99	86	27.8	0	99	89	28.8	0	84	26.9	0
2450	DEKALB	DKC32-12RIB	6	P					89	28.5	0	100	90	29.5	0	88	27.5	1
2450	DLF PICKSEED	PS 2444VT2P RIB	6	L					95	28.2	5	100	110	26.1	0	81	30.2	10
2450	Maizex	MZ 2311DBR	6	F	98	28.4	0	102	93	29.2	0	101	100	29.6	0	86	28.7	1
2500	Brevant	B83R15PW	29	C	96	27.6	13	98	98	29.4	12	98	89	29.3	2	108	29.5	23
2500	CROPLAN	2288VT2P/RIB	6	A					87	29.4	0	100	84	28.7	0	89	30.1	0
2500	DEKALB	DKC33-78RIB	6	A	95	26.8	1	102	92	27.5	1	101	93	26.5	0	91	28.5	2
2500	Maizex	MZ 2495DBR	6	F	99	29.3	1	102	98	29.1	1	102	100	29.3	0	95	29.0	2
2500	NK Brand	NK8288 3110	22	C	107	27.9	5	105	109	29.1	0	103	115	28.4	0	103	29.9	1
2500	Pioneer	P8387AM	23	L	95	28.0	2	100	83	28.9	2	100	87	29.5	0	80	28.2	3
2550	DEKALB	DKC34-57RIB	6	A	102	29.4	4	99	101	30.1	5	100	101	29.8	0	101	30.4	10
2550	Maizex	MZ248	0	F					116	29.8	3	100	111	30.0	0	121	29.5	6
2550	Pioneer	P8542AM	23	L	106	28.1	4	101	107	28.8	6	100	117	29.1	0	96	28.5	12
2575	DLF PICKSEED	PS 2552RR	4	L	103	28.5	2	101	98	30.5	3	100	92	31.2	0	104	29.8	5
2575	PRIDE Seeds	A5225G2 RIB	6	F	102	28.1	0	103	105	28.7	0	102	109	29.7	0	100	27.6	0
2600	Country Farm	CF255	6	F					100	31.0	0	101	105	31.0	0	95	31.0	1
2600	DEKALB	DKC35-88RIB	6	A	99	28.7	1	101	93	28.9	1	101	92	29.0	0	94	28.7	1
2600	Maizex	MZ 2655DBR	6	F	102	28.6	1	101	109	30.0	1	100	110	29.9	0	108	30.1	1
2600	Maizex	MZ 2699DBR	6	F					108	30.2	0	99	108	29.5	0	108	30.9	0
2600	Pioneer	P8700AM	23	L	102	30.0	4	99	98	29.0	4	100	97	29.9	2	98	28.1	5
2625	Brevant	DS84J77RA	8	C	94	31.3	1	97	99	30.4	2	99	99	30.3	0	98	30.5	4
2625	CROPLAN	2587VT2P/RIB	6	A	95	29.5	0	99	91	29.8	0	99	90	29.4	0	92	30.3	1
2625	DLF PICKSEED	PS 2676VT2P RIB	6	L	98	29.5	2	100	100	30.2	1	101	101	29.7	0	98	30.6	3
2625	DLF PICKSEED	PS 2777RR	4	L	103	29.6	0	99	102	29.6	0	99	99	28.5	0	105	30.8	0
2625	NK Brand	NK8618 3011A	21	C	107	29.0	4	101	111	28.9	2	101	115	27.9	0	108	30.0	4
2650	DEKALB	DKC37-93RIB	6	A	101	29.6	2	100	102	30.4	0	99	100	30.0	0	105	30.9	0

**Table 1: Orangeville, Dundalk**

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CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 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 %
2650	Horizon	HZ 2853	28	F	102	31.6	29	98	107	30.6	18	98	101	30.6	4	113	30.5	33
2650	NK Brand	NK8519 3110	22	C	105	29.7	4	99	106	29.6	5	98	115	29.6	0	98	29.5	11
2650	Pioneer	P9188AM	23	L	103	30.2	1	99	98	31.3	2	99	99	31.8	0	98	30.9	3
2650	PRIDE Seeds	A5432G2 RIB	6	F	100	29.5	2	99	104	29.9	3	100	114	30.2	0	92	29.5	5
2675	Country Farm	CF266	4	F	99	28.9	1	101	101	28.1	1	101	103	27.7	0	98	28.5	2
2675	Country Farm	CF279	27	F	102	31.5	1	99	103	30.0	1	99	102	29.7	1	104	30.3	2
2675	CROPLAN	2845VT2P/RIB	6	A	99	30.4	1	99	99	30.6	1	99	91	31.1	0	108	30.0	2
2675	DEKALB	DKC38-55RIB	6	A	108	29.9	1	99	111	30.0	1	99	106	30.5	0	116	29.5	3
2675	DLF PICKSEED	PS 2790	0	L	107	29.6	0	100	105	30.4	0	100	98	31.0	0	112	29.9	1
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L					111	29.7	1	100	107	29.7	0	114	29.7	3
2700	Horizon	HZ 797GT	14	F	113	32.0	17	98	117	31.1	15	98	117	32.2	6	117	29.9	24
2700	Maizex	MZ 2810DBR	6	F	102	30.8	0	99	103	31.1	0	99	108	31.2	0	98	31.0	0
2700	Pioneer	P9188AMXT	25	L	94	30.1	0	99	94	29.9	0	99	95	30.1	0	93	29.6	1
2700	PRIDE Seeds	A5914G2 RIB	6	F	98	29.9	1	99	99	30.9	2	99	103	31.3	0	94	30.6	3
2725	CROPLAN	3146SS/RIB	8	A					104	30.8	0	101	106	29.9	0	102	31.6	1
2725	DEKALB	DKC40-77RIB	8	L	97	31.1	0	99	99	31.8	0	99	95	31.9	0	103	31.8	1
2750	DEKALB	DKC41-99RIB	6	L	104	32.3	1	97	114	30.7	1	99	103	29.2	0	125	32.2	2
2750	DEKALB	DKC42-05RIB	6	L					110	32.2	3	98	101	32.7	0	118	31.7	6
2750	Maizex	MZ 3033DBR	6	F	107	29.5	1	100	105	29.6	0	100	105	29.9	0	106	29.4	1
LSD (0.10) for Yield Index Points*					7				10				16			12		
Average all hybrids **					188				208				210			207		

<sup>1</sup> Orangeville 2017-2018, Dundalk 2017-2018

<sup>2</sup> 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.

**Table 2: Elora, Port Hope, Winchester, Wingham 2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials											
					average of 7 trials				average of 4 trials				ELORA			PORT HOPE T2			WINCHESTER T2			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 %	Yield Index	Moist %	Ldg %
2350	Legend Seeds	LR 9976 VIP 3110	22	C					72	20.6	1	105	71	25.0	1	75	18.8	0	73	18.1	4	69	20.4	0
2425	Legend Seeds	LR 9980 VT2PRIB	6	P5					85	20.8	1	103	84	25.4	1	88	19.0	1	91	18.8	2	78	19.9	1
2500	Brevant	B83R15PW	29	C	87	21.6	10	102	85	20.6	15	101	78	24.4	9	85	19.3	43	93	19.2	3	81	19.4	3
2500	Legend Seeds	LR 9983 VT2PRIB	6	P5					91	20.6	1	101	95	24.7	1	97	19.3	1	91	19.3	3	77	19.0	0
2550	De Dell	DL 2016	0	-	94	23.5	1	102	91	21.7	2	101	91	26.3	1	84	19.2	4	92	20.2	2	98	20.9	0
2550	Pioneer	P8542AM	23	L	98	22.0	2	104	94	21.3	4	103	76	24.7	9	99	19.2	1	93	19.2	2	107	21.9	2
2600	Legend Seeds	LR 9583 VT2PRIB	6	C	85	22.1	2	102	86	21.3	4	101	94	26.3	10	92	19.0	2	87	19.6	2	71	20.2	1
2600	Legend Seeds	LR 9885 GTCBLL	19	C					103	22.5	7	100	103	28.7	4	99	19.9	22	102	20.6	2	112	20.8	2
2600	Maizex	MZ 2655DBR	6	F	94	22.8	1	103	94	21.6	1	102	105	27.3	1	94	19.0	0	91	19.5	3	86	20.6	1
2600	Maizex	MZ 2699DBR	6	F					96	21.2	2	101	100	26.7	1	97	18.9	3	97	18.7	3	87	20.6	0
2600	Pioneer	P8700AM	23	L	93	24.1	6	100	91	22.6	8	99	92	29.0	13	93	20.3	10	100	20.4	2	77	20.7	7
2625	Brevant	DS84J77RA	8	C	92	23.2	1	99	94	21.9	2	99	96	27.9	3	98	19.3	1	90	19.3	1	93	21.3	2
2625	De Dell	DL 2315	0	-					100	22.2	1	103	99	26.8	0	98	19.8	1	91	20.8	2	112	21.3	1
2625	NK Brand	NK8618 3011A	21	C	101	23.1	2	104	100	22.2	2	104	100	26.6	1	102	20.1	2	98	20.5	2	99	21.6	3
2650	Brevant	B86R11SX	8	C	87	22.1	2	103	86	21.1	2	102	83	26.7	4	86	18.9	1	91	19.1	4	81	19.6	0
2650	NK Brand	NK8519 3110	22	C	96	23.2	2	102	95	21.8	2	101	92	26.9	1	98	19.4	1	96	20.3	3	94	20.7	2
2650	Pioneer	P9188AM	23	L	98	23.3	1	102	97	22.3	2	101	91	26.0	5	98	20.2	4	98	20.6	1	98	22.3	0
2675	Country Farm	CF279	27	F	96	23.2	1	102	94	21.4	1	102	86	26.0	0	97	19.4	0	98	20.2	4	93	20.0	0
2675	DEKALB	DKC38-55RIB	6	A					94	22.0	3	100	92	28.5	3	99	18.9	8	91	19.1	3	94	21.3	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L					99	21.9	1	101	106	27.2	0	97	18.9	2	98	19.6	2	96	21.7	1
2700	DLF PICKSEED	PS 2793GSX RIB	8	L	97	23.9	0	100	95	22.4	1	100	93	28.2	0	97	19.1	0	93	20.1	2	94	22.1	1
2700	Horizon	HZ 794	0	F	103	24.0	3	101	101	22.0	3	100	107	27.7	1	104	19.4	0	99	20.2	2	95	20.6	9
2700	Horizon	HZ 797GT	14	F	104	24.2	10	98	102	22.1	11	99	91	27.1	20	99	19.6	10	102	20.8	1	119	20.9	11
2700	Maizex	MZ 2810DBR	6	F	95	23.2	1	102	99	21.9	1	101	99	26.6	0	103	19.0	1	98	21.0	2	95	21.1	1
2700	Maizex	MZ 2812SMX	8	F	97	23.7	0	102	96	21.9	0	102	101	25.8	0	93	19.1	0	97	20.8	1	91	21.7	1
2700	Pioneer	P9188AMXT	25	L	94	24.1	2	102	95	22.4	2	102	95	28.2	4	99	20.0	0	91	19.9	1	93	21.6	4
2725	PRIDE Seeds	A5915G8 RIB	8	F					94	22.6	0	98	99	28.9	1	86	19.8	0	99	20.5	1	92	21.3	0
2750	Brevant	B90R02SX	8	C	96	24.2	1	99	97	22.1	1	98	96	26.5	1	101	19.7	1	101	19.6	1	92	22.7	1
2750	De Dell	DL 3146	0	-	101	24.8	2	101	100	22.7	2	101	102	27.6	1	91	19.8	2	93	21.0	3	117	22.3	2
2750	DEKALB	DKC41-99RIB	6	L	102	24.4	0	100	104	22.8	1	100	105	28.8	0	107	19.5	1	106	20.1	2	98	22.8	0
2750	DEKALB	DKC42-05RIB	6	L					111	23.1	1	99	111	29.0	1	113	19.9	0	108	20.7	1	111	22.8	1
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	101	24.4	1	99	104	23.5	1	99	106	28.7	1	106	20.2	0	103	21.5	2	100	23.5	1
2750	Horizon	HZ 3295	28	F	103	24.9	2	99	106	23.1	3	98	104	27.7	1	102	20.4	2	99	21.9	2	122	22.2	8
2750	Horizon	HZ 878	27	F	106	24.5	5	98	107	23.1	3	97	97	29.4	1	112	20.0	5	104	20.8	2	114	22.4	5
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	98	24.5	2	100	102	23.0	4	100	104	29.8	2	100	19.7	9	108	20.3	2	96	22.2	2
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					100	22.7	1	101	102	26.6	2	101	20.0	0	100	21.0	2	96	23.3	0
2750	Maizex	MZ 3033DBR	6	F	97	23.3	1	101	94	21.9	2	101	95	28.6	2	99	18.7	1	94	19.9	2	84	20.2	1
2750	Maizex	MZ 305X	0	F					97	21.6	3	101	103	28.0	3	93	19.2	6	102	19.5	3	91	19.6	0
2750	Pioneer	P9330AM	23	L	102	24.6	2	101	100	22.3	3	101	98	26.4	3	104	20.0	6	102	20.9	1	94	21.8	3
2775	Country Farm	CF377	6	F	92	23.9	2	102	89	22.8	2	102	96	28.8	0	96	19.0	3	73	20.9	3	90	22.6	3
2775	DEKALB	DKC42-60RIB	8	L	99	24.9	0	100	100	23.0	0	100	92	29.6	0	103	19.8	0	98	20.3	1	105	22.2	0
2775	NK Brand	NK8920 3120	28	C	106	23.8	1	99	106	22.4	1	99	104	26.4	1	106	20.0	2	104	21.3	1	111	22.0	0
2775	Pioneer	P9526AM	23	L					97	23.5	2	100	100	28.7	1	97	20.4	3	99	21.2	1	91	23.8	3
2775	PRIDE Seeds	A6028G2 RIB	6	F	100	23.8	0	101	100	22.6	1	100	101	28.6	0	100	19.4	0	102	20.7	1	96	21.6	1
2800	CROPLAN	3399SS/RIB	8	A					105	23.7	0	101	104	30.8	0	106	19.7	1	104	21.3	1	106	23.1	0
2800	DEKALB	DKC43-10RIB	6	L	104	24.4	1	100	106	22.0	1	100	104	27.2	1	104	19.3	1	103	20.1	2	114	21.5	1
2800	Maizex	MZ 3144DBR	6	F					97	22.7	1	100	98	28.3	0	102	19.4	2	99	21.1	1	85	22.0	1
2800	Maizex	MZ 3216DBR	6	F	104	24.8	1	99	106	22.8	1	100	113	28.4	0	99	19.5	0	105	20.8	2	107	22.6	1

**Table 2: Elora, Port Hope, Winchester, Wingham 2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials											
					average of 7 trials				average of 4 trials				ELORA			PORT HOPE T2			WINCHESTER T2			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 %	Yield Index	Moist %	Ldg %
2800	Maizex	MZ 3397SMX	8	F	105	25.0	1	98	104	23.0	2	98	106	29.4	0	102	19.9	2	101	20.8	2	107	22.0	4
2800	NK Brand	NK9227 3220A	27	C	102	25.9	1	100	108	23.6	2	99	109	28.4	0	100	20.6	2	104	21.9	4	120	23.4	1
2800	Pioneer	P9404AM	23	L	97	24.5	1	101	97	22.6	1	102	95	25.5	0	98	19.9	0	107	21.1	3	86	23.7	1
2800	PRIDE Seeds	A6018G2 RIB	6	F	101	24.6	1	99	100	22.6	1	100	108	28.0	0	98	19.4	2	102	20.6	2	92	22.5	0
2825	Brevant	B92R15SX	8	C	99	25.1	1	99	101	23.3	1	99	96	29.1	0	104	20.2	2	106	21.0	1	96	22.7	1
2825	Country Farm	CF416	8	F	94	24.1	1	100	96	22.6	1	100	96	29.0	1	96	19.5	1	96	20.0	2	97	22.0	1
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	101	25.5	1	98	103	23.4	1	98	100	31.3	0	104	19.5	1	100	20.4	2	106	22.5	2
2825	PRIDE Seeds	A6455G8 RIB	8	F	102	24.6	0	99	104	23.0	0	98	105	29.3	0	107	19.4	0	104	20.3	1	100	23.1	0
2850	Country Farm	CF430	0	F	105	25.0	2	101	101	23.3	2	101	102	28.9	0	92	20.0	1	95	21.0	3	118	23.1	3
2850	CROPLAN	3575SS/RIB	8	A					103	23.8	0	102	106	30.7	0	96	20.0	0	105	21.4	1	104	23.3	0
2850	DEKALB	DKC44-80RIB	6	L					112	22.9	3	99	112	27.7	1	106	19.8	8	112	20.8	1	119	23.2	2
2850	DLF PICKSEED	PS 2815	0	L	104	25.7	1	99	104	23.1	1	99	115	28.9	0	104	19.8	1	101	21.0	1	94	22.6	2
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	99	26.7	1	100	102	23.6	1	100	97	29.4	0	102	20.0	0	104	21.4	1	104	23.6	3
2850	Maizex	MZ 3410DBR	6	F	102	25.0	0	99	99	23.3	1	99	96	29.8	0	98	20.0	0	103	21.5	2	99	22.1	1
2850	NK Brand	NK9535 3220	27	C	108	25.8	1	100	105	24.0	1	99	111	29.6	1	102	20.6	0	99	23.0	1	111	23.0	2
2850	Pioneer	P9608AM	23	L	101	26.1	0	97	104	24.5	0	95	96	31.3	0	107	20.2	0	106	22.1	1	106	24.4	1
2850	Pioneer	P9608AMXT	24	L	99	25.6	1	103	102	23.9	1	103	101	30.5	0	99	20.2	1	105	21.2	2	103	23.7	1
2850	Pioneer	P9621AMXT	24	L	107	25.5	2	91	108	24.2	2	89	108	30.0	0	102	20.8	2	109	22.4	2	116	23.5	3
2850	PRIDE Seeds	XP18095G2	6	A					103	23.5	1	100	103	30.2	1	106	19.7	1	101	21.2	2	100	22.9	1
2875	Country Farm	CF453	6	F					104	23.9	0	100	103	30.4	0	105	19.8	0	98	21.2	2	111	24.4	0
2875	CROPLAN	3795VT2P/RIB	6	A					101	24.4	2	99	90	29.8	1	100	20.0	2	113	23.5	4	100	24.1	0
2875	CROPLAN	3899VT2P/RIB	6	A	107	27.0	1	99	106	24.4	1	99	115	31.0	0	105	20.2	0	112	21.6	1	93	24.8	3
2875	DEKALB	DKC45-65RIB	8	L	106	25.8	0	98	107	23.7	1	98	111	31.8	0	103	20.1	0	104	21.3	2	111	21.7	1
2875	NK Brand	NK9659 3120	28	C	109	24.5	2	99	110	23.3	2	98	104	28.3	2	108	20.3	1	110	21.8	1	120	22.7	5
2900	DEKALB	DKC46-17RIB	6	L	101	26.0	1	101	102	23.4	0	101	100	29.9	0	104	19.8	0	103	20.6	1	101	23.5	1
2900	Maizex	MZ 3656DBR	6	F	106	26.0	1	100	106	24.1	1	100	99	31.3	1	103	20.3	0	109	21.9	1	113	22.9	2
2900	NK Brand	NK9738 3010	19	C					110	22.6	1	99	104	26.7	1	109	20.1	1	100	21.1	2	131	22.3	2
2900	Pioneer	P9840AMXT	24	L	102	26.0	2	99	104	23.6	3	98	98	29.5	4	107	19.8	5	105	21.0	2	104	24.1	3
2925	DEKALB	DKC47-55RIB	6	L					108	23.4	1	102	108	29.4	1	105	20.0	0	106	21.3	2	114	22.8	1
2925	Pioneer	P9840AM	23	L	104	26.3	3	97	109	24.1	4	97	118	29.7	2	109	20.1	3	105	22.8	1	104	23.8	9
2950	DEKALB	DKC48-28RIB	6	L	106	25.8	1	98	108	23.8	2	98	109	29.1	2	106	20.2	4	110	22.0	1	106	23.8	2
2950	DEKALB	DKC48-56RIB	8	L	108	26.1	0	99	111	23.8	0	99	113	29.8	0	104	20.2	0	111	21.8	1	118	23.4	0
2950	Maizex	MZ 3964DBR	6	F	103	25.2	1	99	106	23.6	2	99	109	29.2	0	107	20.1	5	109	20.9	1	96	24.2	2
LSD (0.10) for Yield Index Points*					4				5				10			10			7			16		
Average all hybrids **					200 24.5 2 66				204 22.7 2 69				199 28.3 2			225 19.7 3			212 20.7 2			181 22.2 2		

<sup>1</sup> Elora 2017-2018, Lindsay 2017, Port Hope T2 2018, Wingham 2017-2018, Winchester T2 2018

<sup>2</sup> Elora, Port Hope T2, Wingham, Winchester T2

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

\*\* Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Table 3E: Bainsville, Ottawa, Winchester

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BAINSVILLE			OTTAWA			WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2650	Pioneer	P9188AM	23	L	101	20.9	1	102	102	20.0	1	102	107	21.1	0	103	20.9	1	95	18.1	1
2700	Maizex	E61H72 R	6	P5	99	21.8	2	99	99	20.0	1	101	99	20.6	1	99	20.4	1	98	19.1	2
2700	Maizex	E61K70 LR	8	P5					93	19.6	2	102	92	20.5	0	96	20.1	1	92	18.2	3
2700	Pioneer	P9188AMXT	25	L	94	20.9	1	102	91	20.2	1	102	93	21.2	0	89	20.4	1	92	18.9	1
2750	Brevant	B90R02SX	8	C	94	21.0	1	96	91	19.6	1	98	93	20.8	0	93	20.4	1	86	17.7	1
2750	Horizon	HZ 3295	28	F	98	22.2	3	102	96	21.7	3	99	101	22.5	5	88	21.8	1	97	20.8	3
2750	Horizon	HZ 878	27	F	100	21.2	4	99	101	20.4	5	98	103	21.1	7	100	20.4	2	100	19.6	6
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	102	20.3	2	103	100	19.8	3	101	97	20.6	4	103	20.5	2	100	18.2	3
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					93	20.5	1	101	92	21.2	1	94	20.6	1	94	19.6	1
2750	Maizex	E63G62 R	6	C	99	21.5	1	103	96	20.7	1	102	94	21.2	0	97	21.0	1	97	19.8	2
2750	Maizex	MZ 305X	0	F					93	19.1	4	103	97	20.0	6	93	19.4	3	89	17.8	3
2750	Pioneer	P9330AM	23	L	98	21.8	2	103	99	20.6	1	103	99	21.2	0	99	21.0	1	98	19.6	2
2775	NK Brand	NK8920 3120	28	C	100	21.1	1	102	98	21.0	1	101	92	21.2	0	100	21.3	1	101	20.6	1
2775	Pioneer	P9526AM	23	L					93	21.4	1	100	92	21.5	0	95	21.3	1	94	21.5	2
2800	Maizex	MZ 3144DBR	6	F					98	20.1	2	102	88	20.4	2	106	21.1	2	101	18.9	2
2800	Maizex	MZ 3216DBR	6	F	101	20.8	1	101	98	19.8	1	102	98	20.4	1	99	20.2	1	98	18.9	1
2800	Maizex	MZ 3397SMX	8	F	99	21.9	1	100	96	20.5	1	100	96	20.9	0	94	21.6	1	97	19.1	2
2800	NK Brand	NK9227 3220A	27	C	101	21.8	2	102	101	21.5	3	99	100	21.8	3	103	22.0	1	100	20.6	5
2800	Pioneer	P9404AM	23	L	102	21.5	1	101	101	20.4	1	101	101	21.2	0	95	20.9	1	108	19.2	2
2800	PRIDE Seeds	A6018G2 RIB	6	F	99	21.1	1	101	94	20.1	1	102	89	20.7	0	91	20.1	1	100	19.5	1
2800	PRIDE Seeds	A6102G8 RIB	8	F	95	20.9	1	101	93	20.3	1	100	92	20.9	0	97	20.5	1	91	19.4	2
2825	Brevant	B92R15SX	8	C	98	22.2	1	99	96	20.8	1	99	98	21.3	0	95	21.9	1	96	19.3	2
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	97	21.7	1	99	98	20.0	1	100	97	20.5	0	99	21.4	1	99	18.0	1
2825	PRIDE Seeds	A6455G8 RIB	8	F	98	21.1	1	100	97	20.1	1	100	93	20.3	1	100	20.4	1	99	19.6	2
2850	Country Farm	CF430	0	F	98	21.3	2	104	93	20.8	2	102	93	21.3	2	90	20.6	1	96	20.6	3
2850	CROPLAN	3575SS/RIB	8	A					96	20.5	1	103	91	20.8	1	95	21.2	1	102	19.4	1
2850	DEKALB	DKC44-80RIB	6	L					106	20.8	1	99	108	20.9	1	105	21.3	2	104	20.1	2
2850	DLF PICKSEED	PS 2815	0	L	100	22.7	1	102	98	20.6	1	105	96	20.7	0	105	21.6	1	95	19.6	2
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	101	22.8	1	100	101	20.9	1	101	98	21.0	1	97	21.7	1	106	20.1	1
2850	Maizex	E65G82 R	6	C	106	22.3	1	100	102	20.8	1	99	98	21.0	1	109	21.4	1	98	19.9	2
2850	Maizex	MZ 3410DBR	6	F	101	22.2	2	99	100	20.6	1	99	100	20.4	1	99	21.0	1	101	20.5	3
2850	Maizex	MZ 342X	0	F	99	21.6	1	101	97	20.2	1	102	92	20.6	0	104	21.2	2	95	18.8	2
2850	Maizex	MZ 3522DBR	6	F	97	22.6	1	100	99	20.7	1	102	94	20.9	0	104	21.5	1	99	19.8	1
2850	NK Brand	NK9535 3220	27	C	99	22.9	1	101	100	22.4	1	100	105	22.1	0	99	23.0	2	96	22.1	1
2850	Pioneer	P9608AM	23	L	102	22.9	1	103	103	21.6	1	102	103	21.8	0	98	22.3	1	106	20.7	1
2850	Pioneer	P9608AMXT	24	L	97	22.9	3	104	96	21.1	1	104	98	21.2	0	93	22.1	1	98	20.0	1
2850	Pioneer	P9621AMXT	24	L	104	22.7	1	95	105	21.5	1	94	109	21.7	0	98	22.2	1	108	20.5	1
2875	Country Farm	CF453	6	F					98	20.8	1	101	93	20.8	1	104	22.0	1	97	19.7	1

Table 3E: Bainsville, Ottawa, Winchester

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BAINSVILLE			OTTAWA			WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2875	Country Farm	CF458	8	F	97	22.3	2	101	100	20.6	1	101	104	20.7	2	97	21.7	1	98	19.4	1
2875	Country Farm	CF462	14	F	95	22.7	3	101	93	20.9	3	101	83	21.7	2	100	21.3	2	98	19.6	4
2875	CROPLAN	3795VT2P/RIB	6	A					106	21.7	1	100	110	21.0	0	95	22.5	1	111	21.6	3
2875	CROPLAN	3899VT2P/RIB	6	A					104	21.7	1	99	103	21.4	0	108	23.1	1	100	20.7	1
2875	DEKALB	DKC45-65RIB	8	L	97	23.1	1	98	99	21.3	1	99	100	21.1	0	96	23.0	1	100	19.8	1
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	100	22.1	1	100	99	20.5	1	100	95	20.4	0	105	22.0	1	97	19.0	1
2875	Maizex	E66K42 R	6	C					104	20.8	1	100	106	21.0	2	98	21.0	1	107	20.5	1
2875	NK Brand	NK9659 3120	28	C	103	22.5	1	98	106	21.7	1	98	113	21.5	1	104	22.5	1	99	21.0	2
2900	DEKALB	DKC46-17RIB	6	L	102	22.4	1	102	101	20.3	1	104	97	20.4	0	105	21.3	1	102	19.2	1
2900	DLF PICKSEED	PS 2902VT2P RIB	6	L	101	21.9	2	102	98	21.2	2	101	94	21.2	1	100	21.6	2	102	20.7	3
2900	Horizon	HZ 3787	27	F	99	21.6	1	101	97	21.4	1	97	100	21.3	1	96	22.8	2	96	20.1	1
2900	Horizon	HZ 3790	14	F	93	23.9	3	98	97	22.4	4	99	106	22.4	9	95	23.4	2	90	21.4	2
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					101	21.8	1	99	105	22.0	1	96	22.7	1	102	20.8	1
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	99	21.8	1	99	99	21.4	1	98	100	21.6	0	94	21.8	1	101	20.9	2
2900	Maizex	MZ 3611SMX	8	F	95	22.9	3	100	99	21.2	1	101	96	21.3	1	106	22.1	1	97	20.3	1
2900	Maizex	MZ 3656DBR	6	F	98	23.7	1	100	100	21.7	1	101	99	21.3	1	97	22.8	1	103	21.0	1
2900	NK Brand	NK9738 3010	19	C					95	21.0	1	101	95	21.1	1	98	21.4	1	92	20.4	2
2900	Pioneer	P9840AMXT	24	L	100	23.3	2	99	102	21.6	2	98	102	21.0	0	106	23.1	3	99	20.6	2
2900	PRIDE Seeds	A6848G2 RIB	6	F	105	23.6	1	98	104	22.6	2	98	100	21.6	0	108	24.1	1	105	22.2	4
2900	PRIDE Seeds	XP18097G2	6	A					101	23.9	1	97	107	21.4	1	105	22.4	1	92	27.8	1
2900	PRIDE Seeds	XP18098G2	6	A					104	21.5	1	101	104	21.5	1	101	22.4	1	105	20.7	1
2925	Country Farm	CF474	8	F	97	22.8	1	100	93	20.8	1	101	92	20.9	0	93	21.7	1	95	19.8	2
2925	Country Farm	CF487	6	F	103	23.0	2	100	102	21.5	2	99	101	21.2	1	102	21.9	1	104	21.5	3
2925	DEKALB	DKC47-55RIB	6	L					100	21.4	1	103	97	21.3	0	102	22.5	1	102	20.5	2
2925	Maizex	E67H92 R	6	P	103	23.9	2	98	101	21.9	1	98	95	21.7	1	103	23.0	1	105	21.0	1
2925	Pioneer	P9840AM	23	L	98	24.1	2	97	101	22.0	2	97	101	22.1	2	99	22.9	1	103	21.1	3
2925	PRIDE Seeds	A6888G2 RIB	6	F	102	23.5	1	100	102	21.3	1	101	100	21.2	0	108	22.8	1	98	19.9	1
2950	CROPLAN	4079SS/RIB	8	A	105	23.9	2	97	100	21.5	2	98	104	22.0	2	94	21.7	2	102	20.7	2
2950	DEKALB	DKC48-28RIB	6	L	101	22.3	1	100	103	21.0	1	100	101	21.1	0	101	21.4	1	109	20.5	2
2950	DEKALB	DKC48-56RIB	8	L	103	23.4	2	100	102	21.6	1	100	102	21.4	2	104	23.0	1	101	20.4	1
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					109	22.3	1	96	111	21.6	1	104	23.3	1	111	21.9	1
2950	Maizex	E69K50 LR	8	C					97	21.9	1	100	104	21.5	0	101	23.3	1	86	20.9	1
2950	Maizex	MZ 3877SMX	8	F					102	21.6	2	100	101	21.7	0	102	22.7	1	102	20.4	3
2950	Maizex	MZ 3818DBR	6	F	105	23.4	1	98	102	21.2	1	99	102	21.3	0	107	21.5	1	97	20.8	1
2950	Maizex	MZ 395X	0	F	96	22.7	2	100	93	21.2	3	100	95	21.8	1	95	22.0	1	88	19.8	6
2950	Maizex	MZ 3964DBR	6	F	101	23.5	1	99	98	21.4	1	100	100	21.0	2	99	22.6	1	94	20.5	1
2950	Pioneer	P9998AM	23	L	106	24.8	1	98	110	22.7	1	98	109	22.3	1	110	24.1	1	110	21.8	1
2950	PRIDE Seeds	A6757G8 RIB	8	F	101	23.5	1	99	102	21.4	1	100	102	21.0	0	103	23.1	1	100	20.0	1

**Table 3E: Bainsville, Ottawa, Winchester**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BAINSVILLE			OTTAWA			WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2975	De Dell	DL 4902	0	-					<b>97</b>	<b>22.0</b>	<b>1</b>	<b>99</b>	104	21.8	1	92	23.2	1	95	21.0	2
2975	DEKALB	DKC49-09RIB	6	L					<b>105</b>	<b>20.8</b>	<b>1</b>	<b>100</b>	103	21.5	0	105	21.1	1	107	19.8	1
2975	DEKALB	DKC50-78RIB	6	L	<b>98</b>	<b>22.9</b>	<b>1</b>	<b>99</b>	<b>98</b>	<b>21.7</b>	<b>1</b>	<b>100</b>	95	21.3	1	102	23.1	2	97	20.8	1
2975	Maizex	E71T15	0	C	<b>101</b>	<b>24.2</b>	<b>2</b>	<b>99</b>	<b>102</b>	<b>22.2</b>	<b>2</b>	<b>99</b>	108	21.8	1	94	23.8	2	104	21.0	2
3000	Country Farm	CF18402	8	F					<b>104</b>	<b>21.6</b>	<b>1</b>	<b>102</b>	109	21.6	0	98	22.4	1	103	20.8	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					<b>102</b>	<b>21.7</b>	<b>1</b>	<b>100</b>	94	21.6	0	104	23.4	1	107	20.0	1
3000	Maizex	E70G30 LR	8	C	<b>100</b>	<b>24.4</b>	<b>1</b>	<b>97</b>	<b>102</b>	<b>21.6</b>	<b>1</b>	<b>98</b>	104	21.8	1	105	23.0	1	98	20.0	1
3000	Pioneer	P0157AM	23	L	<b>105</b>	<b>25.4</b>	<b>1</b>	<b>99</b>	<b>108</b>	<b>23.3</b>	<b>1</b>	<b>98</b>	110	22.9	1	104	25.0	1	109	21.9	1
3000	Pioneer	P9998AMXT	24	L	<b>97</b>	<b>24.0</b>	<b>1</b>	<b>100</b>	<b>100</b>	<b>22.2</b>	<b>1</b>	<b>99</b>	99	22.0	0	101	23.3	1	100	21.4	2
3050	Brevant	B00R25PW	29	C					<b>104</b>	<b>23.0</b>	<b>2</b>	<b>97</b>	103	22.9	0	105	24.7	1	103	21.3	4
3050	DEKALB	DKC50-26RIB	8	L	<b>98</b>	<b>23.4</b>	<b>2</b>	<b>101</b>	<b>102</b>	<b>21.5</b>	<b>1</b>	<b>102</b>	105	21.1	0	98	23.0	1	100	20.3	1
3050	Maizex	MZ 402X	0	F	<b>104</b>	<b>23.7</b>	<b>3</b>	<b>98</b>	<b>104</b>	<b>22.1</b>	<b>3</b>	<b>98</b>	102	21.2	4	103	23.4	2	108	21.7	3
3050	Maizex	MZ 4158DBR	6	F					<b>109</b>	<b>22.9</b>	<b>1</b>	<b>97</b>	110	23.0	1	110	24.3	1	106	21.3	1
3050	Maizex	MZ 4280DBR	6	F	<b>108</b>	<b>24.4</b>	<b>4</b>	<b>98</b>	<b>108</b>	<b>22.8</b>	<b>3</b>	<b>97</b>	110	22.9	3	103	23.7	1	109	21.8	3
3050	Pioneer	P0157AMXT	24	L	<b>107</b>	<b>25.6</b>	<b>2</b>	<b>100</b>	<b>111</b>	<b>22.9</b>	<b>1</b>	<b>100</b>	111	23.3	2	107	24.9	1	116	20.6	1
3100	DEKALB	DKC52-84RIB	8	L	<b>100</b>	<b>24.0</b>	<b>1</b>	<b>101</b>	<b>101</b>	<b>21.9</b>	<b>1</b>	<b>103</b>	101	21.7	1	101	23.6	1	102	20.3	2
3100	Legend Seeds	LR 9903 GENSSRIB	8	P5					<b>108</b>	<b>22.6</b>	<b>2</b>	<b>99</b>	112	21.7	0	99	23.0	3	111	23.0	3
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	<b>101</b>	<b>25.7</b>	<b>2</b>	<b>98</b>	<b>100</b>	<b>23.8</b>	<b>1</b>	<b>98</b>	98	23.0	1	107	25.7	2	96	22.6	1
LSD (0.10) for Yield Index Points*					<b>5</b>				<b>5</b>				<b>8</b>			<b>10</b>			<b>5</b>		
Average all hybrids **					<b>199</b>	<b>22.7</b>	<b>2</b>	<b>69</b>	<b>207</b>	<b>21.3</b>	<b>1</b>	<b>70</b>	221	21.4	1	189	22.1	1	210	20.3	2

<sup>1</sup> Ottawa 2017-2018, Bainsville 2018, Winchester 2017-2018

<sup>2</sup> Ottawa, Bainsville, Winchester

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

\*\* Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Table 3W: Blyth, Port Hope, Waterloo

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			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 %
2650	Pioneer	P9188AM	23	L	98	23.5	2	101	96	22.4	2	101	93	22.3	1	101	19.9	6	95	25.1	0
2700	Pioneer	P9188AMXT	25	L	89	23.5	1	102	88	22.3	1	102	90	21.5	0	86	19.7	1	87	25.7	1
2750	Brevant	B90R02SX	8	C	85	23.8	0	99	86	22.4	0	99	80	21.0	0	86	19.5	1	92	26.6	0
2750	Horizon	HZ 3295	28	F	102	23.6	1	101	100	22.8	1	99	111	23.0	0	92	20.6	2	97	24.7	0
2750	Horizon	HZ 878	27	F	108	23.6	4	99	106	22.7	1	99	113	21.9	0	100	20.0	2	105	26.1	0
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	95	23.9	0	101	93	23.1	1	100	91	22.5	0	95	19.6	2	94	27.1	0
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					97	22.6	0	101	95	22.9	0	96	19.9	0	99	25.1	0
2750	Maizex	MZ 305X	0	F					87	21.8	3	101	81	20.7	0	90	19.0	8	90	25.8	1
2750	Pioneer	P9330AM	23	L	96	24.0	3	101	99	22.6	2	101	96	22.4	0	100	20.3	4	101	25.1	1
2775	NK Brand	NK8920 3120	28	C	103	24.1	1	101	101	22.9	0	100	108	22.6	0	97	19.9	1	98	26.3	0
2775	Pioneer	P9526AM	23	L					91	22.6	0	101	92	22.7	0	92	20.3	1	90	24.8	0
2800	Maizex	MZ 3144DBR	6	F					101	22.1	3	102	95	21.4	0	98	19.4	9	108	25.5	0
2800	Maizex	MZ 3216DBR	6	F	101	23.2	0	100	98	22.1	0	100	95	21.2	0	97	19.8	1	103	25.4	0
2800	Maizex	MZ 3397SMX	8	F	98	24.6	1	100	99	23.3	1	100	91	23.1	0	101	19.7	2	104	27.2	0
2800	NK Brand	NK9227 3220A	27	C	101	24.3	1	101	99	23.2	1	100	109	23.2	0	94	20.5	1	95	25.8	1
2800	Pioneer	P9404AM	23	L	93	23.8	1	102	94	22.5	0	103	88	22.0	0	103	20.0	0	93	25.4	0
2800	PRIDE Seeds	A6018G2 RIB	6	F	98	23.8	0	100	95	22.6	0	101	94	22.2	0	92	19.4	1	99	26.2	0
2800	PRIDE Seeds	A6102G8 RIB	8	F	90	23.1	0	102	92	22.1	0	102	85	21.6	1	93	19.8	1	97	24.9	0
2825	Brevant	B92R15SX	8	C	94	23.9	1	100	92	22.4	2	101	83	21.9	0	97	20.5	5	94	24.7	0
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	100	24.1	1	100	101	22.6	1	100	98	22.1	0	100	19.8	2	104	25.9	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	97	23.8	1	99	97	22.4	1	99	90	22.6	0	97	19.2	2	105	25.4	0
2850	Country Farm	CF430	0	F	110	23.9	2	102	107	22.7	1	102	118	21.9	0	98	19.9	2	105	26.2	1
2850	CROPLAN	3575SS/RIB	8	A					91	23.0	0	102	89	22.6	0	96	19.7	1	89	26.7	0
2850	DEKALB	DKC44-80RIB	6	L					107	23.0	1	100	105	23.1	1	107	19.8	4	108	26.1	0
2850	DLF PICKSEED	PS 2815	0	L	98	24.5	1	99	97	23.1	1	100	98	22.6	0	99	19.9	3	95	26.7	1
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	93	24.9	0	100	93	22.7	0	100	93	22.8	0	97	19.8	1	89	25.4	0
2850	Maizex	MZ 3410DBR	6	F	104	24.3	1	101	102	22.9	1	100	95	22.2	0	103	19.6	3	109	27.0	0
2850	Maizex	MZ 3522DBR	6	F	94	24.2	1	99	97	22.4	1	100	100	22.1	0	106	19.8	3	84	25.2	0
2850	NK Brand	NK9535 3220	27	C	106	25.4	0	101	101	23.7	0	100	105	23.7	0	104	20.8	0	94	26.5	0
2850	Pioneer	P9608AM	23	L	96	24.7	1	101	99	23.7	0	100	98	23.5	0	110	20.4	0	90	27.3	0
2850	Pioneer	P9608AMXT	24	L	95	24.3	0	103	93	23.3	0	102	86	23.4	0	102	20.0	0	91	26.5	0
2850	Pioneer	P9621AMXT	24	L	104	24.4	1	96	104	23.3	0	96	112	23.4	1	102	20.6	0	100	25.9	1
2875	Country Farm	CF453	6	F					92	23.7	0	101	100	22.7	0	89	20.0	1	87	28.4	0
2875	Country Farm	CF458	8	F	101	23.9	1	100	101	22.6	2	100	91	22.3	3	102	20.1	1	108	25.5	1
2875	Country Farm	CF462	14	F	92	24.3	2	101	92	23.0	1	101	103	23.1	1	92	20.2	4	83	25.7	0
2875	CROPLAN	3899VT2P/RIB	6	A					105	23.9	2	99	102	23.5	0	111	20.4	5	104	27.7	0
2875	DEKALB	DKC45-65RIB	8	L	106	24.6	0	99	106	22.8	0	99	109	22.5	0	107	19.9	0	102	25.9	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	99	24.6	0	99	96	23.1	0	99	99	22.3	1	93	19.8	1	98	27.1	0
2875	NK Brand	NK9659 3120	28	C	107	24.3	2	100	107	22.6	1	100	113	22.1	0	105	20.4	3	103	25.4	1
2900	DEKALB	DKC46-17RIB	6	L	100	24.3	0	102	97	22.6	0	102	96	22.0	0	102	19.6	1	94	26.1	0



**Table 3W: Blyth, Port Hope, Waterloo**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			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 %
2900	DLF PICKSEED	PS 2902VT2P RIB	6	L	97	24.2	4	102	99	22.9	3	102	101	23.2	1	99	20.2	8	96	25.4	1
2900	Horizon	HZ 3787	27	F	98	24.2	2	100	103	23.6	4	97	114	23.7	0	91	20.6	11	103	26.4	0
2900	Horizon	HZ 3790	14	F	109	25.4	8	99	108	23.3	10	100	109	24.2	0	97	20.5	28	117	25.2	2
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					104	23.8	0	100	109	23.4	0	98	20.7	1	105	27.3	0
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	95	24.4	0	99	95	23.6	0	98	97	22.6	0	91	20.1	1	98	28.1	0
2900	Maizex	MZ 3611SMX	8	F	95	25.0	0	102	92	23.9	0	102	92	23.5	0	90	20.0	1	95	28.3	0
2900	Maizex	MZ 3656DBR	6	F	95	25.2	0	100	92	23.4	0	100	96	22.5	1	92	20.1	0	89	27.6	0
2900	NK Brand	NK9738 3010	19	C					104	22.7	0	101	114	21.7	0	95	20.2	1	104	26.1	1
2900	Pioneer	P9840AMXT	24	L	99	24.8	2	98	99	23.3	2	98	99	23.0	1	99	19.8	4	100	27.1	1
2900	PRIDE Seeds	A6848G2 RIB	6	F	100	25.7	0	99	98	24.0	0	100	100	23.5	0	95	20.1	0	99	28.5	0
2900	PRIDE Seeds	XP18097G2	6	A					104	23.8	1	101	103	23.3	0	110	20.3	2	100	27.8	0
2900	PRIDE Seeds	XP18098G2	6	A					103	23.6	1	101	103	22.6	1	106	19.8	3	100	28.3	0
2925	Country Farm	CF474	8	F	101	24.7	1	100	103	22.8	2	101	98	23.4	0	107	19.8	5	103	25.1	0
2925	Country Farm	CF487	6	F	98	24.5	0	100	92	23.6	1	99	87	22.7	0	98	20.1	2	91	28.0	0
2925	DEKALB	DKC47-55RIB	6	L					105	23.1	0	102	107	22.4	0	103	20.0	0	105	26.8	0
2925	Pioneer	P9840AM	23	L	105	25.2	2	97	108	23.7	1	97	106	23.6	0	109	20.6	2	108	26.9	0
2925	PRIDE Seeds	A6888G2 RIB	6	F	100	25.5	0	99	102	23.3	1	99	101	23.0	0	100	20.3	2	103	26.6	0
2925	PRIDE Seeds	XP18099G2	6	A					102	24.5	2	99	96	23.9	1	105	20.1	4	105	29.6	1
2950	CROPLAN	3909SS/RIB	8	A					104	23.2	0	100	100	23.2	0	109	20.3	1	103	26.2	0
2950	CROPLAN	4079SS/RIB	8	A	102	25.6	1	99	101	24.1	1	99	109	23.6	0	98	20.7	3	97	28.0	0
2950	De Dell	DL 4555	0	-	100	26.2	0	101	99	24.4	0	102	97	24.5	0	100	21.4	1	101	27.4	0
2950	DEKALB	DKC48-28RIB	6	L	105	24.6	1	100	106	23.0	2	100	108	23.0	0	105	19.8	5	105	26.1	0
2950	DEKALB	DKC48-56RIB	8	L	106	24.8	1	101	106	23.3	1	101	105	22.5	0	105	20.1	4	108	27.3	1
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					106	24.1	0	99	104	22.9	0	106	20.7	1	106	28.7	0
2950	Maizex	MZ 3877SMX	8	F					101	23.2	1	99	99	22.4	1	94	20.5	2	108	26.7	0
2950	Maizex	MZ 3818DBR	6	F	98	26.3	0	98	97	24.3	0	99	100	24.0	0	99	20.2	1	93	28.7	0
2950	Maizex	MZ 3964DBR	6	F	103	25.3	1	100	101	23.8	2	99	100	23.2	1	104	20.0	4	98	28.3	0
2950	Pioneer	P9998AM	23	L	107	25.5	1	100	106	24.7	0	100	103	24.8	0	117	21.0	1	99	28.4	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	102	25.3	0	100	101	24.0	1	101	101	24.2	0	95	20.1	2	107	27.6	0
2975	DEKALB	DKC49-09RIB	6	L					103	23.5	0	101	103	23.2	0	107	20.4	1	101	27.0	0
2975	DEKALB	DKC50-78RIB	6	L	95	24.7	1	100	96	23.3	1	99	95	22.2	1	101	20.2	2	93	27.4	0
3000	Country Farm	CF18402	8	F					101	22.7	1	102	98	21.8	0	104	20.2	3	102	26.1	0
3000	Horizon	HZ 4010	27	F	110	26.8	0	99	108	25.4	0	98	111	25.5	0	104	20.2	0	109	30.4	0
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					99	24.0	0	99	93	24.5	0	102	20.3	1	102	27.2	0
3000	Pioneer	P0157AM	23	L	107	25.9	1	99	110	23.9	0	100	107	23.8	0	115	20.8	1	107	27.0	1
3000	Pioneer	P9998AMXT	24	L	103	25.4	1	100	104	24.0	0	100	100	24.1	0	104	20.8	1	109	27.0	0

**Table 3W: Blyth, Port Hope, Waterloo**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			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 %
3050	Brevant	B00R25PW	29	C					<b>97</b>	<b>24.1</b>	<b>0</b>	<b>98</b>	103	24.2	0	91	21.2	0	99	26.8	0
3050	DEKALB	DKC50-26RIB	8	L	<b>101</b>	<b>24.9</b>	<b>0</b>	<b>101</b>	<b>102</b>	<b>23.2</b>	<b>0</b>	<b>102</b>	111	22.8	0	97	20.3	0	99	26.6	0
3050	Maizex	MZ 402X	0	F	<b>106</b>	<b>25.9</b>	<b>3</b>	<b>100</b>	<b>105</b>	<b>24.0</b>	<b>2</b>	<b>100</b>	104	23.8	0	110	20.4	3	102	27.8	3
3050	Maizex	MZ 4158DBR	6	F					<b>108</b>	<b>24.5</b>	<b>0</b>	<b>98</b>	100	24.4	0	105	21.4	0	118	27.7	0
3050	Maizex	MZ 4280DBR	6	F	<b>114</b>	<b>25.4</b>	<b>5</b>	<b>99</b>	<b>116</b>	<b>23.7</b>	<b>6</b>	<b>99</b>	122	22.9	0	107	20.5	19	120	27.7	0
3050	Pioneer	P0157AMXT	24	L	<b>102</b>	<b>26.8</b>	<b>0</b>	<b>98</b>	<b>104</b>	<b>25.2</b>	<b>0</b>	<b>98</b>	102	25.4	0	113	21.1	0	97	29.2	0
3100	DEKALB	DKC52-84RIB	8	L	<b>98</b>	<b>25.7</b>	<b>1</b>	<b>97</b>	<b>99</b>	<b>24.0</b>	<b>0</b>	<b>97</b>	99	23.6	0	95	20.8	1	104	27.7	0
3100	Legend Seeds	LR 9903 GENSSRIB	8	P5					<b>107</b>	<b>24.1</b>	<b>2</b>	<b>99</b>	108	22.7	1	100	20.6	5	112	28.9	1
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	<b>98</b>	<b>26.9</b>	<b>1</b>	<b>100</b>	<b>97</b>	<b>25.3</b>	<b>1</b>	<b>100</b>	96	24.9	0	98	21.3	3	98	29.6	0
LSD (0.10) for Yield Index Points*					5				6				12			12			9		
Average all hybrids **					<b>230</b>				<b>229</b>				216			225			245		

<sup>1</sup> Blyth 2017-2018, Port Hope 2018, Waterloo 2017-2018

<sup>2</sup> Blyth, Port Hope, 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.

Table 4: Exeter, Ilderton, Woodstock, Belmont

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials						
				average of 6 trials				average of 2 trials				BELMONT			WOODSTOCK			
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	84	24.3	4	101	82	21.3	7	101	71	21.4	13	93	21.3	1
2850	NK Brand	NK9535 3220	27	C	107	24.1	3	103	106	22.3	0	101	108	22.7	0	105	22.0	1
2850	Pioneer	P9608AM	23	L					98	22.2	0	106	97	22.5	1	99	21.9	0
2850	Pioneer	P9608AMXT	24	L					88	22.0	1	103	85	22.2	3	92	21.8	0
2850	Pioneer	P9621AMXT	24	L	104	24.1	6	98	107	22.8	2	98	106	23.4	5	108	22.2	0
2875	CROPLAN	3899VT2P/RIB	6	A					100	22.6	1	99	101	22.9	0	99	22.3	3
2875	NK Brand	NK9659 3120	28	C	99	24.1	10	101	94	22.4	9	101	85	23.1	13	102	21.7	6
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					102	23.3	0	100	100	24.5	1	104	22.2	0
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	94	23.9	4	100	93	22.4	4	99	95	22.9	7	91	22.0	2
2900	NK Brand	NK9738 3010	19	C					103	22.3	3	101	100	22.6	1	106	21.9	4
2900	Pioneer	P9840AMXT	24	L					95	21.9	19	102	89	22.5	37	101	21.3	2
2925	Country Farm	CF474	8	F	98	24.0	1	100	95	21.8	0	100	94	22.5	0	96	21.1	1
2925	Country Farm	CF487	6	F	98	24.6	2	101	99	21.6	0	103	107	22.1	0	92	21.2	1
2925	Pioneer	P9840AM	23	L					96	22.4	4	99	93	23.0	7	99	21.8	1
2925	PRIDE Seeds	A6888G2 RIB	6	F	99	24.2	2	101	97	22.4	0	102	93	23.0	0	101	21.8	0
2925	PRIDE Seeds	XP18099G2	6	A					96	22.7	5	99	93	23.4	8	98	22.0	1
2950	Brevant	DS97B47RA	8	C	92	24.5	5	98	88	22.6	1	98	86	23.0	3	90	22.3	0
2950	CROPLAN	3909SS/RIB	8	A					103	22.7	0	100	100	23.5	0	105	21.8	1
2950	CROPLAN	4079SS/RIB	8	A					96	22.3	8	101	99	22.8	2	94	21.7	15
2950	De Dell	DL 4555	0	-					95	24.6	0	99	102	24.3	0	88	24.9	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					109	22.7	2	97	111	23.4	0	106	22.0	4
2950	Maizex	E69K50 LR	8	C					107	23.2	0	101	108	23.7	0	105	22.7	0
2950	Maizex	MZ 3818DBR	6	F	96	25.4	1	99	104	22.6	0	99	104	23.1	0	104	22.0	0
2950	Maizex	MZ 3877SMX	8	F					98	22.2	2	101	97	22.9	2	99	21.6	2
2950	Maizex	MZ 3964DBR	6	F	96	24.6	2	100	95	22.2	1	99	90	22.7	0	99	21.7	1
2950	Pioneer	P9998AM	23	L	101	24.9	2	101	101	22.9	2	101	102	23.0	3	100	22.7	1
2950	PRIDE Seeds	A6757G8 RIB	8	F	102	24.4	3	100	103	22.1	0	101	103	22.4	1	103	21.8	0
2975	De Dell	DL 4902	0	-					96	23.8	2	98	99	24.5	3	94	23.1	1
2975	DEKALB	DKC49-09RIB	6	L					103	22.3	2	101	103	23.0	2	103	21.6	1
3000	Country Farm	CF18402	8	F					101	22.5	0	103	98	23.2	1	103	21.7	0
3000	DLF PICKSEED	PS 3035VT2P RIB	6	L	103	25.9	1	99	104	22.9	1	101	105	23.3	1	104	22.4	0
3000	Horizon	HZ 4010	27	F	99	25.4	2	100	100	23.2	1	99	100	24.2	2	99	22.2	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					100	23.0	0	100	105	23.7	0	96	22.3	0
3000	Maizex	E70G30 LR	8	C	105	25.3	1	99	102	22.0	2	98	98	21.9	0	106	22.2	3
3000	Pioneer	P0157AM	23	L	96	24.8	2	101	99	23.1	1	102	98	23.6	2	100	22.7	1
3000	Pioneer	P9998AMXT	24	L	107	24.8	1	101	112	23.4	0	101	121	23.6	0	104	23.3	0
3000	PRIDE Seeds	A7171G2 RIB	6	F	103	25.2	3	100	102	23.2	0	100	105	23.7	0	99	22.8	0
3025	Horizon	HZ 1040	20	F	97	24.1	10	101	84	22.3	17	101	77	22.5	33	91	22.1	1
3025	Horizon	HZ 4101	27	F					95	24.1	2	99	96	24.9	1	94	23.4	3
3050	Brevant	B00R25PW	29	C					103	23.6	0	99	105	24.3	0	101	23.0	1
3050	Brevant	B01R72SX	8	C	100	25.4	1	100	97	23.3	1	99	99	23.8	2	96	22.9	1
3050	Country Farm	CF610	0	F	99	24.7	6	100	95	23.7	3	98	97	23.7	4	94	23.6	3

**Table 4: Exeter, Ilderton, Woodstock, Belmont**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials					
				average of 6 trials				average of 2 trials				BELMONT			WOODSTOCK		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
3050	CROPLAN 4188SS/RIB	8	A					101	22.8	1	99	107	23.7	0	95	21.9	1
3050	DEKALB DKC50-26RIB	8	L	99	24.9	2	102	103	22.5	1	103	101	23.1	0	104	21.8	2
3050	Horizon HZ 4255	14	F	96	25.4	24	99	90	23.3	33	101	82	24.2	56	98	22.4	9
3050	Maizex MZ 4158DBR	6	F					96	23.3	2	100	97	23.9	3	96	22.6	0
3050	Maizex MZ 4280DBR	6	F	106	25.2	3	101	111	24.0	2	100	116	24.0	2	105	24.0	2
3050	Pioneer P0157AMXT	24	L	100	25.7	1	102	108	23.6	0	102	110	23.9	0	105	23.3	1
3075	Horizon HZ 4398	27	F					93	25.2	2	97	95	25.1	1	92	25.4	4
3075	PRIDE Seeds A7270G8 RIB	8	F	102	26.0	6	100	104	23.8	1	101	108	24.5	1	99	23.1	0
3100	Brevant DS02J57RA	8	C	103	26.1	2	98	103	25.1	1	97	109	25.0	1	98	25.3	1
3100	Country Farm CF611	4	F	96	24.1	9	100	95	22.3	5	100	93	23.3	8	97	21.4	3
3100	DEKALB DKC52-84RIB	8	L	95	24.8	1	99	96	22.4	1	100	93	23.0	1	98	21.8	1
3100	DLF PICKSEED PS 3155GSX RIB	8	L	98	26.6	5	100	104	24.3	0	100	109	24.5	0	99	24.0	0
3100	Legend Seeds LR 9903 GENSSRIB	8	P5					100	22.6	4	99	94	22.8	6	106	22.4	2
3100	Maizex E75K60 LR	8	P5					107	25.1	0	101	105	25.2	0	109	24.9	0
3100	Maizex MZ 4343DBR	6	F	101	25.1	5	102	105	24.1	1	100	106	24.4	0	104	23.8	1
3100	Maizex MZ 4368SMX	8	F	100	25.6	6	99	105	23.2	2	99	103	24.0	3	106	22.3	1
3100	Pioneer P0306AM	23	L	102	25.0	7	100	105	22.6	5	99	108	22.5	10	103	22.6	1
3125	Brevant B04R96SX	8	C	98	26.2	6	99	93	24.4	5	100	90	24.9	7	96	23.9	4
3125	Country Farm CF626	8	F	98	24.2	2	100	102	22.8	0	100	102	23.9	0	101	21.7	1
3125	DEKALB DKC53-56RIB	8	L	99	26.0	2	100	100	23.3	1	100	96	24.0	3	103	22.5	0
3125	Legend Seeds LR 9503 GENSSRIB	8	C	95	25.7	2	99	96	23.3	2	99	98	23.9	1	94	22.7	3
3125	Pioneer P0414AM	23	L	105	26.3	11	99	101	24.8	19	102	93	25.1	37	109	24.4	1
3125	Pioneer P0574AMXT	24	L	99	26.1	8	100	97	24.4	10	102	97	24.4	19	97	24.5	0
3150	De Dell DL 6207	0	-	105	28.2	7	98	103	25.5	9	98	105	25.7	16	101	25.2	2
3150	Pioneer P0506AM	23	L	102	26.4	3	99	104	24.0	1	98	112	24.2	2	95	23.9	1
3150	Pioneer P0574AM	23	L	101	27.0	14	99	99	24.9	28	100	100	24.8	57	98	25.1	0
3175	DEKALB DKC55-05RIB	6	L	102	25.4	6	99	100	23.0	6	100	98	23.8	10	102	22.3	1
3175	PRIDE Seeds A7373G2 RIB	6	F					109	24.6	3	100	116	24.3	4	103	25.0	2
3200	Legend Seeds LR 9608 GENSSRIB	8	C	100	27.3	10	99	101	24.4	13	98	102	24.0	24	99	24.8	1
3200	Maizex MZ 4623SMX	8	F					100	25.1	1	97	102	24.8	0	97	25.4	1
3200	Maizex MZ 4676DBR	6	F	112	26.7	6	99	112	25.2	2	100	113	25.5	0	112	24.9	3
3275	DEKALB DKC58-06RIB	8	L	109	27.3	11	102	106	25.9	5	102	106	25.2	9	106	26.7	2
3275	Legend Seeds LR 99A09 VIP 3220 EZ	27	C					104	26.1	7	98	103	26.1	7	104	26.0	8
3300	DEKALB DKC59-50RIB	6	L					110	26.2	3	99	112	25.2	4	109	27.2	2
LSD (0.10) for Yield Index Points*				4				7				11			8		
Average all hybrids **				237 25.3 5 65				241 23.3 4 66				236 23.7 6			246 22.9 2		

<sup>1</sup> Exeter 2017, Ilderton 2017, Woodstock 2017-2018, Belmont 2017-2018

<sup>2</sup>, Woodstock, Belmont

\* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

\*\* Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

**Table 5: Ridgetown, Tilbury, Dresden**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials					
					average of 5 trials				average of 2 trials				DRESDEN			RIDGETOWN		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2950	Brevant	DS97B47RA	8	C					85	20.1	22	96	85	21.4	43	85	18.8	0
2950	CROPLAN	4079SS/RIB	8	A					91	19.9	25	98	91	20.4	49	92	19.4	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					97	20.4	2	99	104	21.1	2	90	19.7	1
3000	Pioneer	P0157AM	23	L	93	20.9	8	102	95	21.0	18	102	98	22.3	31	92	19.7	6
3050	Brevant	B01R72SX	8	C	94	21.4	11	99	91	21.5	26	97	92	22.0	53	91	21.0	0
3050	CROPLAN	4188SS/RIB	8	A					100	19.9	11	98	102	20.7	21	98	19.1	0
3050	Pioneer	P0157AMXT	24	L	96	21.3	1	103	104	21.2	1	102	107	21.8	2	101	20.6	1
3100	Brevant	DS02J57RA	8	C	97	21.6	12	101	93	21.6	21	99	91	22.0	35	95	21.1	8
3100	Legend Seeds	LR 9903 GENSSRIB	8	P5					90	20.7	25	99	88	21.9	48	92	19.4	2
3100	Maizex	MZ 4343DBR	6	F	98	22.2	7	101	94	21.1	18	101	92	21.8	35	97	20.4	1
3100	Maizex	MZ 4368SMX	8	F	98	21.0	8	100	99	20.3	18	99	91	21.6	36	105	19.0	1
3100	Pioneer	P0306AM	23	L	101	21.4	13	101	105	21.3	32	101	112	22.1	61	98	20.4	3
3125	Brevant	B04R96SX	8	C	90	22.0	5	99	86	21.8	11	98	83	21.9	20	89	21.7	1
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	91	21.1	10	101	87	20.5	20	100	83	20.9	32	92	20.1	8
3125	Pioneer	P0414AM	23	L	105	22.6	16	99	99	22.1	37	98	94	22.4	70	104	21.8	3
3125	Pioneer	P0574AMXT	24	L	92	21.9	5	100	97	21.0	10	101	99	21.1	19	95	20.9	2
3150	CROPLAN	4488SS/RIB	8	A					102	21.4	40	100	95	22.1	72	109	20.7	8
3150	De Dell	DL 6207	0	-	100	22.7	10	99	90	22.2	23	99	92	22.5	40	89	21.9	5
3150	Pioneer	P0506AM	23	L	103	22.1	7	101	110	22.3	16	101	116	22.3	33	105	22.4	0
3150	Pioneer	P0574AM	23	L	95	22.3	12	99	92	21.6	24	100	87	22.3	37	97	20.9	10
3175	DEKALB	DKC55-05RIB	6	L	106	21.4	14	100	102	20.0	36	99	90	20.5	67	114	19.6	5
3175	PRIDE Seeds	A7373G2 RIB	6	F					97	21.1	15	102	91	21.2	30	103	20.9	0
3200	Brevant	B05R05PWE	30	C	100	22.3	17	99	95	21.5	35	99	95	21.8	55	96	21.2	15
3200	Brevant	B06N36PWE	30	C	99	21.4	7	100	97	21.3	15	99	92	22.1	28	102	20.5	2
3200	Brevant	B08R85SX	8	C	99	23.0	2	97	93	23.0	6	98	94	22.8	12	93	23.2	0
3200	Country Farm	CF686	8	F	98	21.9	2	98	107	21.6	5	99	112	22.3	8	102	21.0	2
3200	CROPLAN	4791AS3111	20	A					101	22.5	40	98	104	22.8	72	100	22.1	9
3200	Legend Seeds	LR 9608 GENSSRIB	8	C	92	21.5	16	101	101	20.9	22	100	103	22.0	42	99	19.9	3
3200	Maizex	MZ 4623SMX	8	F					108	21.8	18	98	116	21.7	35	101	22.0	0
3200	Maizex	MZ 4676DBR	6	F	102	22.5	16	98	105	21.8	30	99	102	22.0	53	108	21.5	7
3200	Maizex	MZ 467X	0	F					94	21.9	22	101	88	22.3	37	99	21.5	7
3250	Pioneer	P0825AM	23	L	108	23.3	5	99	106	22.9	13	99	112	23.0	19	100	22.8	7
3250	PRIDE Seeds	A7790G8 RIB	8	F	97	23.1	0	103	99	22.7	1	104	103	22.7	1	95	22.7	0
3275	DEKALB	DKC58-06RIB	8	L	98	22.8	6	101	100	22.2	14	102	99	21.5	26	101	22.8	1
3275	Legend Seeds	LR 99A09 VIP 3220 EZ	27	C					94	22.8	51	99	97	23.2	57	92	22.4	45
3300	Brevant	B10R42SX	8	C	106	23.9	9	99	104	23.3	22	100	106	23.5	41	102	23.1	3
3300	Country Farm	CF758	8	F	101	21.4	8	102	101	21.1	18	102	100	21.5	30	101	20.7	6

**Table 5: Ridgetown, Tilbury, Dresden**

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials					
				average of 5 trials				average of 2 trials				DRESDEN			RIDGETOWN		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
3300	CROPLAN 4997VT2P/RIB	6	A					<b>105</b>	<b>22.5</b>	<b>20</b>	<b>101</b>	94	22.5	37	115	22.5	2
3300	De Dell DL 7250	0	-					<b>101</b>	<b>23.7</b>	<b>33</b>	<b>105</b>	103	23.7	62	100	23.7	3
3300	DEKALB DKC59-50RIB	6	L					<b>98</b>	<b>22.6</b>	<b>27</b>	<b>100</b>	93	22.1	49	103	23.1	4
3300	Maizex MZ 5134DBR	6	F					<b>108</b>	<b>22.2</b>	<b>31</b>	<b>99</b>	105	22.1	57	110	22.2	4
3300	Maizex MZ 5165DBR	6	F	<b>111</b>	<b>23.1</b>	<b>6</b>	<b>100</b>	<b>116</b>	<b>22.4</b>	<b>13</b>	<b>102</b>	124	22.9	27	109	21.9	0
3300	Pioneer P0825AMXT	24	L	<b>106</b>	<b>23.1</b>	<b>9</b>	<b>98</b>	<b>111</b>	<b>23.2</b>	<b>23</b>	<b>98</b>	112	23.8	45	111	22.5	1
3300	Pioneer P0977AM	23	L					<b>103</b>	<b>22.2</b>	<b>40</b>	<b>102</b>	97	23.0	68	108	21.4	12
3300	PRIDE Seeds XP18108G2	6	A					<b>106</b>	<b>22.1</b>	<b>24</b>	<b>102</b>	110	22.3	44	102	21.9	4
3350	Country Farm CF762	4	F	<b>102</b>	<b>23.2</b>	<b>19</b>	<b>102</b>	<b>96</b>	<b>21.7</b>	<b>46</b>	<b>102</b>	94	22.0	73	98	21.3	19
3375	DEKALB DKC63-60RIB	8	P5					<b>114</b>	<b>23.9</b>	<b>10</b>	<b>104</b>	116	24.1	18	113	23.8	3
3400	De Dell DL 9812	0	-	<b>103</b>	<b>25.5</b>	<b>9</b>	<b>95</b>	<b>99</b>	<b>23.3</b>	<b>23</b>	<b>97</b>	100	23.2	35	97	23.4	10
3400	Pioneer P1197AMXT	24	L	<b>107</b>	<b>23.5</b>	<b>8</b>	<b>99</b>	<b>110</b>	<b>22.2</b>	<b>18</b>	<b>98</b>	114	21.9	30	106	22.5	7
3400	PRIDE Seeds A8303G8 RIB	8	F	<b>109</b>	<b>25.0</b>	<b>3</b>	<b>102</b>	<b>121</b>	<b>23.6</b>	<b>5</b>	<b>105</b>	136	23.2	7	107	24.0	4
LSD (0.10) for Yield Index Points*				<b>5</b>				<b>8</b>				<b>14</b>			<b>8</b>		
Average all hybrids **				<b>232</b>				<b>216</b>				<b>204</b>			<b>228</b>		

<sup>1</sup> Ridgetown 2017-2018, Tilbury 2017, Dresden 2017-2018

<sup>2</sup> Ridgetown, 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.

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