



2019

Ontario Hybrid Corn Performance Trials

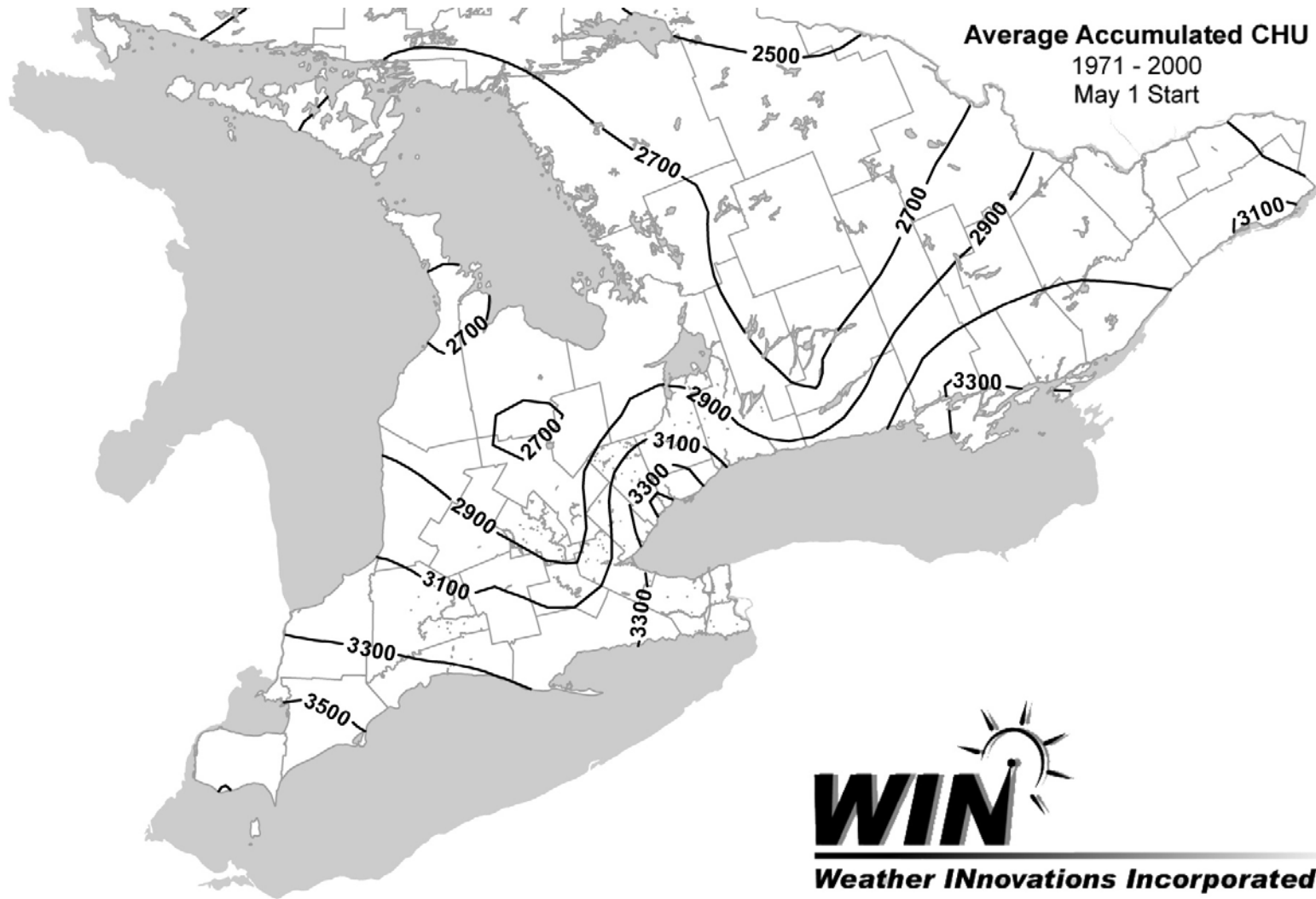
Data collected 2018-2019

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, 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 accepted procedures.

DUPLICATION OF THIS REPORT:

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For further information, contact
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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

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
32	Trecepta

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 2019. 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 Companies

Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Brevant	Corteva Agriscience	7398 Queen's Line, PO Box 730, Chatham, ON N7M 5L1	1 800 265 9435
Country Farm	Country Farm Seeds Ltd.	Box 790, Blenheim, ON N0P 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	Seed Solutions Inc	421 Centennial Rd, Lansdowne, ON K0E 1L0	1-613-659-4747
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
Pioneer	Pioneer Hi-Bred Canada Comp	Box 730, 7398 Queens Line, Chatham, ON N7M 5L1	1-800-265-9435
PRIDE Seeds	AgReliant Genetics Inc.	PO Box 1088, 6836 Pain Court Line, Chatham, ON N7M 5L6	1-519-354-3210
Saatbau	Saatbau Linz	201 rue st louis . 412, St Jean sur richelie, QC J3B 1X9	1-514-609-0881

2019 Trial Locations and General Information - Ontario Hybrid Corn Performance Trials

Location	See Table Number	Heat Unit Rating	5 Year Heat Unit Average ¹	2019 CHU Total ²	Soil Type	Co-operator	Final plants per acre ³	Date planted ⁴	Date Harvested
Orangeville	1	2700	2936	2798	Sandy Loam	Timstar Farms Ltd.	34000	May 18	Nov 06
Dundalk	1	2600	2632	2474	Sandy Loam	Leo Blydorp	34000	May 18	Nov 05
Elora	2	2800	3054	2803	Silt Loam	University of Guelph	34000	May 21	Oct 29
Port Hope T2	2	2800	N/A	N/A	Sandy Loam	Bruce Hendry	Discarded - extreme lodging		
Winchester T2	2	3000	N/A	N/A	silt loam	Winchester Ag. Research Station	34000	May 07	Nov 13
Wingham	2	2800	N/A	2630	Silt Loam	Rob Warwick	34000	May 16	Nov 18
Bainsville	3E	3000	N/A	N/A	Clay Loam	Rob McDonald	Discarded - did not mature		
Ottawa	3E	3000	N/A	2829	Sandy loam	Agriculture and Agri-Food,ORDC	Discarded - summer drought		
Winchester	3E	3000	N/A	N/A	silt loam	Winchester Ag. Research Station	34000	May 22	Nov 16
Blyth	3W	3000	3091	2902	Silt Loam	Peter Heinrich	34000	May 16	Nov 19
Port Hope	3W	3000	N/A	N/A	Sandy Loam	Bruce Hendry	Discarded - extreme lodging		
Waterloo	3W	2900	3212	2755	Sandy Loam	Rosendale Farms Ltd	34000	May 17	Nov 09
Exeter	4	3050	N/A	N/A			Not planted - wet soil		
Ilderton	4	3100	3265	2618	Silt Loam	John Walls	Discarded - did not mature		
Woodstock	4	3150	3124	N/A	Clay Loam	Wes Hart	Discarded - did not mature		
Belmont	4	3250	3171	2787	Silt Loam	Claire Hooker	34000	Jun 08	Nov 25
Ridgetown	5	3450	N/A	3224	Loam	University of Guelph	34000	May 24	Nov 18
Tilbury	5	3650	N/A	2845	Clay	Gus Ternoey	34000	Jun 12	Nov 29
Dresden	5	3600	3357	2837	Clay Sand	Brent McFadden	34000	Jun 07	Nov 27

Notes:

- 1 Average total heat unit accumulation 2014 - 2018, 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.

2019 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	S	Product	Rate	Date	Method	May	Jun	Jul	Aug	Sep	Total			
Orangeville	1	Potatoes	Disk	Cultivator x2	LR	MR	6.5	150	40	120	0	Roundup	1.6 l/ha	May 10		77	57	44	73	58	309			
												Primextra	4.0 l/ha	Jun 05	post									
Dundalk	1	White Beans		Cultivator Rolled	MR	RR	7.9	144	69	85	11	Primextra	4.0 l/ha	Jun 05	post	63	56	58	58	91	326			
												Callisto	0.3 l/ha	Jun 05	post									
Elora	2	Wheat	Chisel	Cultivator x2	RR	RR	7.6	160	60	80	10	Primextra	4.0 l/ha	May 27	pre	68	82	38	70	56	314			
Winchester T2	2	winter wheat	chisel plow	cultivator x2	MR	MR	6.2	224	50	18	15	Dual II Magnum	0.7 L/ac	May 07	ppi	88	52				N/A			
												Broadstrike	25 g/ac	May 07	ppi									
												Acuron	2 L/ac	Jun 07	post									
												Banvel II	0.5 L/ac	Jun 08	post									
Wingham	2	Winter Wheat	RTS	RTS 2x	MR	MR	7.6	190	50	120	20	Roundup	1 L/ac	May 12	ppi	93	93	39	36	60	321			
												Integrity	0.45 L/ac	May 12	ppi									
Bainsville	3E	Soybean	None	RTS x 3							0	Primextra	1.4l/a	May 31	pre						N/A			
Winchester	3E	soybean	chisel plow	cultivator x2				224	50	18	15	Dual II Magnum	0.7 L/ac	May 07	ppi	88	52				N/A			
												Broadstrike	25 g/ac	May 07	ppi									
												Banvel II	0.42	Jun 20	post									
												Accent	13 g/ac	Jun 20	post									
Blyth	3W	Winter Wheat	Strip Till	Strip Till	MR	LR	7.5	180	48	24	0	Roundup	440 mL/ac	May 15	pre	96	81	82	34	50	343			
Waterloo	3W	Wheat - Oats Cover Crop	Chisel	Cultivator x2	RR	RR	7.3	168	88	124	13	Primextra	3.0 l/ha	May 16	ppi	81	80	65	60	40	326			
												Callisto	0.3 l/ha	Jun 05	post									
Woodstock	4	Soybean									0										N/A			
Belmont	4	Soybeans	N/A	Cultivate	LR	LR	6.4	190	32	2	0	Primextra Engenia	1.3 liter/acre	Jun 10	pre	153	97	196	86	21	553			
Ridgetown	5	Wheat	Chisel Plow	Cultivate	RR	MR	3.4	5	32	2	0	Acuron	1.96liters/ acre	May 31	post	107	80	189	115	36	527			
Tilbury	5	Soybeans	Chisel Plow	Cultivate	MR	LR	6.2	190	32	2	0	Acuron	1.96liters/ acre	Jun 18	pre	95	93	127	64	88	467			
Dresden	5	Soybeans	Chisel Plow	Cultivate	MR	RR	7.4	190	32	2	0	Primextra Callisto	1.5 L/ac 120 ml/ac	Jun 04 Jun 04	pre pre	118	76	91	54	46	385			

Table 1: Orangeville, Dundalk 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 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 %
2100	Country Farm	CF19101	6	F					95	29.9	1	106	99	30.0	2	91	29.9	0
2250	Brevant	B78R96AM	23	L					83	45.2	1	99	75	46.9	1	91	43.4	0
2250	Pioneer	P7861	23	L					98	31.1	0	102	97	33.1	0	100	29.1	0
2250	Saatbau	AMELLO	0	P					109	29.2	3	104	111	29.2	1	107	29.1	4
2275	De Dell	DX190	0	-					96	34.8	1	99	95	36.4	1	97	33.1	0
2275	Pioneer	P7940AM	23	L					92	30.4	0	102	95	31.6	0	89	29.3	0
2300	Maizex	E49K32 R	6	F					101	28.0	0	100	99	28.1	0	103	27.9	1
2300	Pioneer	P7955AM	23	L					100	28.4	0	105	104	29.5	0	97	27.2	0
2300	Saatbau	DELICAO	0	P					101	33.0	0	105	96	33.2	0	106	32.8	0
2400	Brevant	B82R66AM	23	L					98	29.6	0	97	103	31.1	1	93	28.0	0
2400	Country Farm	CF192	4	F	88	30.1	0	103	90	31.6	0	101	90	31.8	0	89	31.5	0
2400	De Dell	DL 1081	0	-	95	29.9	2	101	95	30.7	2	100	94	31.6	3	97	29.7	1
2400	Pioneer	P8234AM	23	L	91	28.4	0	98	97	29.1	0	97	100	30.7	1	93	27.4	0
2400	PRIDE Seeds	A4939G2 RIB	6	F					101	28.3	1	100	101	28.8	1	101	27.7	0
2425	Brevant	B83R36AM	23	L					106	30.8	3	99	103	32.4	4	109	29.2	2
2425	Pioneer	P8352	23	L					101	34.2	0	98	99	35.8	0	103	32.6	0
2450	Maizex	E52V92 R	6	F					98	30.1	0	103	100	31.5	0	97	28.7	0
2450	Pioneer	P8407AM	23	L					108	34.8	0	96	106	36.0	0	109	33.6	0
2475	Saatbau	ALBIREO	0	P					107	31.7	5	107	109	30.9	6	106	32.6	4
2500	Brevant	B83R15PW	29	C	98	30.7	6	97	97	32.0	0	96	100	33.2	0	95	30.7	0
2500	CROPLAN	2288VT2P/RIB	6	L	94	30.6	0	102	102	31.8	0	103	106	33.1	0	98	30.6	0
2500	DLF PICKSEED	PS 2563GSX RIB	8	L					98	36.8	0	99	96	39.1	0	100	34.6	0
2500	Pioneer	P8387AM	23	L	90	29.9	1	100	98	31.0	1	99	100	32.1	0	96	30.0	2
2550	De Dell	DL 2016	0	-					99	35.1	1	102	98	36.1	1	100	34.1	1
2550	DEKALB	DKC34-57RIB	6	A	101	32.0	3	100	101	34.0	2	99	96	35.9	1	105	32.0	3
2550	Horizon	HZ 2534	27	F					100	35.6	1	102	99	37.3	1	102	33.9	0
2550	Maizex	E53G52 R	6	F					102	31.5	2	102	100	32.2	2	104	30.7	2
2550	Maizex	MZ 248X	0	F	110	31.6	2	100	104	33.5	1	98	102	34.9	0	107	32.0	1
2550	Pioneer	P8542AM	23	L	103	30.1	3	100	99	31.4	1	100	101	33.1	0	98	29.8	1
2550	Pioneer	P8736AM	23	L					108	35.8	0	96	107	37.2	0	109	34.4	0
2575	DLF PICKSEED	PS 2552RR	4	L	100	32.5	2	100	103	34.4	1	99	106	34.3	0	100	34.6	1
2575	PRIDE Seeds	A5225G2 RIB	6	F	106	30.8	0	103	108	33.0	0	104	113	33.8	0	104	32.2	0
2600	Country Farm	CF255	6	F	101	31.2	0	102	102	31.3	0	103	101	32.2	0	102	30.4	0

Table 1: Orangeville, Dundalk 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 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 %
2600	DEKALB	DKC35-88RIB	6	A	94	31.1	2	102	95	33.4	3	102	94	33.6	1	96	33.2	4
2600	DLF PICKSEED	PS 2635VT2P RIB	6	L					106	34.8	1	101	103	35.6	0	110	33.9	1
2600	Maizex	E55T32 R	6	F					94	35.9	1	98	91	36.6	1	97	35.2	1
2600	Maizex	MZ 2699DBR	6	F	109	32.5	0	100	110	34.8	1	99	112	36.2	1	108	33.4	0
2600	Pioneer	P8700AM	23	L	99	31.4	3	100	102	33.9	3	100	101	35.4	5	103	32.3	1
2625	CROPLAN	2587VT2P/RIB	6	L	96	32.5	1	100	102	35.1	1	100	97	36.5	2	107	33.8	1
2625	DLF PICKSEED	PS 2777RR	4	L	99	33.1	0	99	98	36.5	1	98	100	37.6	1	95	35.5	1
2625	NK Brand	NK8618 3011A	28	F	105	32.5	1	100	100	36.0	1	98	99	37.8	0	100	34.3	2
2625	Pioneer	P8989AM	23	L					105	35.2	0	98	109	37.7	1	101	32.7	0
2650	Brevant	B90J12AM	23	L					97	38.0	3	97	96	39.2	3	98	36.7	2
2650	DEKALB	DKC37-93RIB	6	A	103	33.2	1	101	104	35.9	2	101	106	35.8	4	102	35.9	1
2650	NK Brand	NK8519 3220	27	F	103	32.4	4	98	100	35.3	2	97	95	38.7	3	105	31.8	1
2650	Pioneer	P9188AM	23	L	100	32.8	1	99	103	34.2	0	99	105	36.4	0	101	31.9	0
2650	PRIDE Seeds	A5404G2 RIB	6	P					105	33.6	1	101	106	35.3	2	105	31.9	1
2675	CROPLAN	2845VT2P/RIB	6	L	101	33.2	1	100	103	35.8	0	100	101	37.3	0	105	34.3	0
2675	DEKALB	DKC38-55RIB	6	A	108	33.2	1	99	106	36.3	1	98	113	37.2	1	99	35.4	1
2675	DLF PICKSEED	PS 2790	0	L	99	34.3	1	100	94	38.2	2	98	92	39.2	1	96	37.2	2
2675	Maizex	MZ 2982DBR	6	F					108	35.8	2	100	110	37.1	1	106	34.5	3
2675	PRIDE Seeds	A5383G8 RIB	8	P					98	33.4	1	101	98	33.6	1	97	33.3	0
2700	CROPLAN	2965VT2P/RIB	6	L					100	38.5	0	101	96	39.6	0	104	37.5	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	105	33.3	2	99	100	36.9	2	98	102	37.3	4	98	36.5	0
2700	DLF PICKSEED	PS 2793GSX RIB	8	L					94	38.8	0	96	95	39.9	0	93	37.6	0
2725	CROPLAN	3146SS/RIB	8	A	98	34.0	0	100	92	37.3	0	99	92	39.5	0	93	35.0	0
2750	DEKALB	DKC41-99RIB	6	L	102	35.9	1	99	90	41.0	0	97	92	41.7	0	89	40.3	0
2750	DEKALB	DKC42-05RIB	6	L	102	35.5	2	99	95	38.8	1	99	93	39.5	0	96	38.0	2
LSD (0.10) for Yield Index Points*					6				7				8			11		
Average all hybrids **					206	32.1	1	64	203	34.0	1	62	201	35.1	1	206	32.8	1

¹ Orangeville 2018-2019, Dundalk 2018-2019

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.

Table 2: Elora, Port Hope, Winchester, Wingham

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials								
					average of 7 trials				average of 3 trials				ELORA			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 %
2450	Pioneer	P8407AM	23	L					95	23.6	5	103	85	27.1	0	99	20.4	13	103	23.4	0
2500	Legend Seeds	LR 9983 VT2PRIB	6	C	92	22.1	2	103	96	24.1	3	105	96	28.1	0	98	20.4	10	93	23.9	0
2525	Legend Seeds	LR 9084 VT2PRIB	6	C					96	24.9	4	104	92	29.7	0	94	21.5	10	104	23.5	1
2550	De Dell	DL 2016	0	-	91	23.3	5	102	93	25.6	9	102	96	28.8	0	93	22.4	25	90	25.6	1
2550	Maizex	MZ 248X	0	F					97	25.4	4	102	100	28.7	0	92	23.4	10	100	24.1	2
2550	Pioneer	P8542AM	23	L	95	22.5	7	104	99	24.2	11	105	96	28.7	0	101	21.2	28	98	22.8	5
2550	Pioneer	P8736AM	23	L					98	24.9	4	101	100	29.2	1	101	22.1	10	92	23.5	2
2575	Legend Seeds	LR 9886 VT2PRIB	6	C					102	26.9	3	100	97	31.0	0	103	23.6	10	106	26.2	0
2600	Maizex	E55T32 R	6	F					95	25.1	3	103	91	29.2	0	97	21.2	10	97	25.0	0
2600	Maizex	MZ 2699DBR	6	F	97	23.3	3	102	102	26.2	4	102	97	30.3	1	102	22.2	10	108	26.0	0
2600	Pioneer	P8700AM	23	L	93	23.9	9	101	98	25.7	10	103	94	30.2	3	103	22.6	18	98	24.3	9
2625	De Dell	DL 2315	0	-	97	23.4	2	104	97	25.1	4	104	103	30.4	0	91	20.9	10	96	24.1	3
2625	NK Brand	NK8618 3011A	28	F	99	23.8	3	104	101	25.8	4	104	99	29.8	0	98	23.1	10	107	24.6	3
2625	Pioneer	P8989AM	23	L					100	25.9	4	102	109	30.1	0	101	22.8	10	88	24.7	3
2650	Brevant	B86R11SX	8	C	88	22.4	3	103	93	24.2	4	105	87	29.8	0	97	20.6	13	93	22.1	0
2650	Brevant	B90J12AM	23	L					100	25.8	4	99	100	30.4	0	100	22.7	10	102	24.3	3
2650	Maizex	E57L62 R	6	F					100	26.7	7	100	102	30.5	0	99	22.5	20	98	27.0	0
2650	Pioneer	P9188AM	23	L	98	24.2	3	101	102	26.8	4	101	97	30.3	0	100	23.6	13	109	26.4	0
2675	CROPLAN	2845VT2P/RIB	6	L					100	26.1	3	102	99	32.0	0	101	21.9	10	101	24.5	0
2675	Horizon	HZ 2944	0	F					95	25.0	6	102	93	30.1	0	97	21.3	15	96	23.6	3
2675	Maizex	MZ 2982DBR	6	F					108	27.1	3	100	116	30.4	0	96	24.0	10	113	26.8	0
2700	CROPLAN	2965VT2P/RIB	6	L					100	26.9	4	101	92	31.0	0	108	23.8	10	101	26.0	1
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	100	23.6	3	101	103	26.0	6	102	103	29.4	0	101	22.5	18	107	26.0	0
2700	DLF PICKSEED	PS 2793GSX RIB	8	L	94	24.5	2	100	97	27.3	3	100	97	31.1	0	95	22.5	10	99	28.1	0
2700	Horizon	HZ 794	0	F	101	23.5	4	101	103	25.5	6	100	99	29.5	0	99	22.9	18	111	24.1	0
2700	Maizex	MZ 305X	0	F	99	23.3	3	102	104	25.5	3	103	101	31.1	0	103	21.9	10	108	23.5	0
2700	PRIDE Seeds	A5914G2 RIB	6	F					103	25.9	3	101	106	30.5	0	100	22.1	10	104	25.0	0
2725	Brevant	B92R26AM	23	L					100	26.7	4	98	102	31.9	0	101	22.5	13	96	25.6	0
2725	CROPLAN	3146SS/RIB	8	A					95	26.7	4	100	94	30.2	0	98	24.3	10	90	25.6	0
2725	Maizex	MZ 3117DBR	6	F					102	26.7	3	99	96	31.5	0	106	23.5	10	104	25.2	0
2750	Country Farm	CF340	0	F					96	25.5	6	103	97	29.3	0	98	21.4	17	94	25.7	1
2750	De Dell	DL 3146	0	-	98	24.2	3	102	99	26.3	3	102	98	30.7	0	93	21.4	10	107	26.7	0
2750	DEKALB	DKC41-99RIB	6	L	102	24.4	2	100	103	26.6	3	100	107	30.8	0	103	22.9	10	98	26.2	0

Table 2: Elora, Port Hope, Winchester, Wingham 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials								
					average of 7 trials				average of 3 trials				ELORA			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 %
2750	DEKALB	DKC42-05RIB	6	L	110	24.5	2	100	111	26.4	3	101	106	30.6	0	111	23.3	10	118	25.2	0
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	102	24.8	2	100	102	26.6	4	100	100	31.7	0	106	22.6	10	100	25.5	1
2750	Horizon	HZ 3245	27	F					94	26.9	6	99	97	31.6	0	97	21.7	15	85	27.5	2
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	103	24.9	4	101	108	27.3	5	101	106	31.8	0	107	23.3	13	111	26.9	1
2750	Legend Seeds	LR 9891 VT2PRIB	6	C	99	24.9	2	101	101	27.9	3	100	100	31.2	0	104	24.0	10	99	28.5	0
2750	Maizex	E63G62 R	6	F					107	28.2	3	102	110	31.3	0	102	24.4	10	109	28.9	0
2750	Pioneer	P9330AM	23	L	100	24.0	4	102	102	26.2	5	103	100	31.7	0	104	23.1	13	102	23.9	3
2775	Country Farm	CF19201	6	F					100	27.0	6	102	103	31.0	0	98	22.7	17	97	27.3	2
2775	DEKALB	DKC42-60RIB	8	L	99	25.2	2	101	101	28.1	3	101	102	33.3	0	99	23.9	10	104	27.0	0
2775	Horizon	HZ 3295	28	F	103	25.4	3	98	101	28.6	3	97	106	30.8	0	97	25.4	10	100	29.7	0
2775	Maizex	MZ 3397SMX	8	F	99	26.1	3	98	95	30.1	4	97	94	33.2	0	98	25.3	13	92	31.9	0
2775	NK Brand	NK8920 3120	28	F	96	24.8	2	98	86	28.1	4	98	93	31.9	1	83	25.3	10	82	27.0	2
2775	PRIDE Seeds	A6028G2 RIB	6	F	97	24.1	2	101	96	26.2	3	103	90	33.3	0	103	22.0	10	93	23.4	0
2800	Brevant	B94R06AM	23	L					102	26.7	3	101	107	31.6	0	98	22.5	10	100	26.0	0
2800	CROPLAN	3399SS/RIB	8	A	101	26.1	2	101	97	29.2	4	101	95	32.2	0	103	24.5	10	93	30.9	1
2800	DEKALB	DKC43-10RIB	6	L	102	24.6	2	100	99	28.0	3	99	91	32.4	0	104	24.4	10	102	27.2	0
2800	Legend Seeds	LR 9993 GENSSRIB	8	C					99	29.8	4	98	101	34.0	0	98	26.2	10	99	29.3	1
2800	Maizex	E65G82 R	6	F					103	28.9	3	99	105	31.8	0	106	25.0	10	98	29.9	0
2800	NK Brand	NK9227 3220A	27	F	105	25.9	2	98	105	29.0	3	97	110	32.0	0	91	25.4	10	116	29.7	0
2800	Pioneer	P9404AM	23	L	101	24.4	2	101	109	26.8	3	100	106	30.4	0	110	24.8	10	113	25.2	0
2800	PRIDE Seeds	A6018G2 RIB	6	F	100	25.1	3	100	102	28.3	7	99	103	31.1	0	103	24.6	20	100	29.3	0
2800	PRIDE Seeds	A6102G8 RIB	8	F					92	28.9	3	96	91	33.0	0	93	25.6	10	94	28.1	0
2825	Brevant	B92R15SX	8	C	97	26.1	3	99	95	29.9	6	98	98	32.1	1	97	26.4	18	88	31.3	0
2825	Brevant	B95R46AM	23	L					103	30.5	3	94	115	31.7	0	97	29.0	10	96	30.8	0
2825	CROPLAN	3575VT2P/RIB	6	L					95	29.9	3	98	97	33.2	0	100	24.9	10	88	31.6	0
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L					100	29.2	5	99	100	33.4	0	102	24.7	13	99	29.4	1
2825	Legend Seeds	LR 9094 VT2PRIB	6	P					101	28.9	3	98	95	33.9	0	114	23.3	10	92	29.6	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	101	24.6	2	98	99	26.8	4	97	94	31.5	0	97	23.1	13	109	25.7	0
2850	Country Farm	CF430	0	F	98	24.5	4	101	96	26.2	7	101	96	31.9	0	94	22.1	20	100	24.7	0
2850	DEKALB	DKC44-80RIB	6	L	108	25.5	4	98	106	29.0	4	97	103	34.3	0	107	24.9	10	107	27.7	2
2850	DLF PICKSEED	PS 2815	0	L	103	25.9	3	99	104	29.7	6	98	107	32.9	0	100	24.8	15	105	31.3	3
2850	Legend Seeds	LR 9495 VT2PRIB	6	C	98	26.7	2	100	95	30.8	3	98	92	32.1	0	99	26.7	10	93	33.6	0
2850	NK Brand	NK9535 3220	27	F	104	25.8	4	99	104	28.1	7	100	106	31.3	1	103	26.1	20	105	27.0	0
2850	Pioneer	P9608AM	23	L	101	26.2	2	97	99	28.6	4	100	105	31.5	0	100	26.5	13	91	27.7	0
2850	Pioneer	P9608AMXT	24	L	100	25.8	2	103	100	28.3	3	102	103	32.2	0	104	24.4	10	92	28.4	0

Table 2: Elora, Port Hope, Winchester, Wingham 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination. Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials								
					average of 7 trials				average of 3 trials				ELORA			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 %
2850	Pioneer	P9621AMXT	24	L	104	27.0	2	91	102	30.8	4	94	101	33.3	0	99	28.4	10	106	30.6	1
2850	PRIDE Seeds	A6572G2 RIB	6	F	102	26.0	2	99	105	29.3	4	98	108	32.1	0	98	25.4	13	110	30.3	0
2875	Country Farm	CF19205	6	F					105	28.4	4	99	106	31.8	0	103	24.8	13	107	28.7	0
2875	Country Farm	CF453	6	F	101	25.9	2	100	100	28.6	3	100	100	32.0	0	98	25.1	10	105	28.6	0
2875	CROPLAN	3795VT2P/RIB	6	L	99	26.6	2	99	100	29.5	4	98	100	33.5	0	104	25.6	10	93	29.5	1
2875	CROPLAN	3899VT2P/RIB	6	L	103	27.6	2	98	101	31.8	3	96	101	34.6	0	102	27.4	10	99	33.5	0
2875	DEKALB	DKC45-65RIB	8	L	102	26.4	2	98	98	30.0	3	97	95	34.3	0	99	26.5	10	101	29.3	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L					99	30.1	3	97	100	34.4	0	100	26.9	10	98	29.1	0
2900	Legend Seeds	LR 9997 GENSSRIB	8	P5					100	32.7	4	98	107	34.9	0	98	29.2	10	96	34.1	1
2900	NK Brand	NK9738 3010	27	F	103	25.0	3	99	96	28.3	5	98	100	32.0	0	89	24.4	15	101	28.5	1
2925	DEKALB	DKC47-55RIB	6	L	105	25.7	2	101	103	28.9	3	100	103	32.3	0	102	25.2	10	106	29.1	0
2925	Pioneer	P9840AM	23	L	107	26.5	4	97	106	29.7	4	96	110	32.0	0	105	29.4	10	102	27.8	1
2950	DEKALB	DKC48-28RIB	6	L	103	27.0	3	97	99	31.3	4	96	103	35.2	0	99	26.5	13	96	32.1	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					101	32.0	4	96	97	33.5	0	109	29.7	10	96	32.8	2
LSD (0.10) for Yield Index Points*					4				6				11			6			13		
Average all hybrids **					204				199				203			218			176		

¹ Elora 2018-2019, Port Hope T2 2018, Winchester T2 2018-2019, Wingham 2018-2019 ² Elora, Winchester T2, 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.

Table 3E: Bainsville, Ottawa, Winchester

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019		
					average of 4 trials				average of 1 trials				WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
2625	Pioneer	P8989AM	23	L					103	26.0	10	102	103	26.0	10
2650	Brevant	B90J12AM	23	L					104	25.5		101	104	25.5	
2650	Pioneer	P9188AM	23	L	102	21.3	6	103	107	25.0	20	105	107	25.0	20
2700	CROPLAN	2965VT2P/RIB	6	L					109	27.0	10	103	109	27.0	10
2725	Brevant	B92R26AM	23	L					109	26.8		100	109	26.8	
2725	Maizex	MZ 3117DBR	6	F					108	28.6	10	99	108	28.6	10
2750	Horizon	HZ 3245	27	F					100	28.0		102	100	28.0	
2750	Horizon	HZ 3288	0	F					92	24.9	10	105	92	24.9	10
2750	Maizex	E63G62 R	6	F	96	22.9		102	101	29.8		102	101	29.8	
2750	Pioneer	P9330AM	23	L	99	22.4	3	103	104	27.8	10	103	104	27.8	10
2775	Horizon	HZ 3295	28	F	95	24.4	5	99	98	32.6	10	97	98	32.6	10
2775	Maizex	MZ 3397SMX	8	F	96	23.2	3	100	102	31.3	10	99	102	31.3	10
2775	NK Brand	NK8920 3120	28	F	97	23.0	3	101	98	28.8	10	101	98	28.8	10
2800	Brevant	B94R06AM	23	L					108	29.9	10	101	108	29.9	10
2800	Legend Seeds	LR 9993 GENSSRIB	8	C					94	31.4	20	100	94	31.4	20
2800	Maizex	E65G82 R	6	F	102	22.6	3	100	105	28.3	10	102	105	28.3	10
2800	Maizex	MZ 342X	0	F	96	22.5	4	102	98	29.4	10	101	98	29.4	10
2800	NK Brand	NK9227 3220A	27	F	99	24.1	5	99	96	32.1	10	99	96	32.1	10
2800	Pioneer	P9404AM	23	L	103	22.2	3	102	112	27.4	10	103	112	27.4	10
2825	Brevant	B92R15SX	8	C	95	23.2	3	100	94	30.3	10	99	94	30.3	10
2825	Brevant	B95R46AM	23	L					90	33.3	10	97	90	33.3	10
2825	CROPLAN	3575VT2P/RIB	6	L					103	31.4	10	100	103	31.4	10
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L					97	31.1		98	97	31.1	
2825	Legend Seeds	LR 9094 VT2PRIB	6	P					106	30.1	10	99	106	30.1	10
2825	PRIDE Seeds	A6455G8 RIB	8	F	98	22.1	4	99	105	27.9	10	97	105	27.9	10
2850	Country Farm	CF430	0	F	93	22.4	6	102	97	27.3	20	101	97	27.3	20
2850	DEKALB	DKC44-80RIB	6	L	105	23.5	3	99	107	31.6	10	100	107	31.6	10
2850	DLF PICKSEED	PS 2815	0	L	98	23.2	8	104	99	31.1	30	101	99	31.1	30
2850	Legend Seeds	LR 9495 VT2PRIB	6	C	100	24.0	8	101	102	33.3	30	101	102	33.3	30
2850	NK Brand	NK9535 3220	27	F	99	24.5	6	100	100	30.7	20	102	100	30.7	20
2850	Pioneer	P9608AM	23	L	100	23.5	6	103	94	29.1	20	103	94	29.1	20
2850	Pioneer	P9608AMXT	24	L	96	23.3	6	105	100	29.9	20	105	100	29.9	20
2850	PRIDE Seeds	A6572G2 RIB	6	F					105	29.9		101	105	29.9	

Table 3E: Bainsville, Ottawa, Winchester

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019		
				average of 4 trials				average of 1 trials				WINCHESTER		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
2850	Pioneer P9621AMXT	24	L	101	24.9	3	94	91	35.0	10	93	91	35.0	10
2875	Country Farm CF19205	6	F					105	31.2	20	99	105	31.2	20
2875	Country Farm CF453	6	F	97	23.4	3	101	100	30.9	10	101	100	30.9	10
2875	Country Farm CF458	8	F	99	23.3	4	100	101	31.2	10	98	101	31.2	10
2875	CROPLAN 3795VT2P/RIB	6	L	102	24.8	4	100	96	34.0	10	101	96	34.0	10
2875	CROPLAN 3899VT2P/RIB	6	L	101	24.8		99	97	34.1		98	97	34.1	
2875	DEKALB DKC45-65RIB	8	L	98	23.9	3	99	97	31.9	10	100	97	31.9	10
2875	DLF PICKSEED PS 2818GSX RIB	8	L	96	23.6	6	100	92	33.2	20	98	92	33.2	20
2875	Maizex MZ 3690DBR	6	F					101	32.2	10	97	101	32.2	10
2900	CROPLAN 4079VT2P/RIB	6	L					95	37.1		102	95	37.1	
2900	DLF PICKSEED PS 2932VT2P RIB	6	L					103	32.2	10	101	103	32.2	10
2900	Horizon HZ 3787	27	F	96	24.4	3	97	96	33.3	10	99	96	33.3	10
2900	Horizon HZ 991	0	F					93	33.9	10	99	93	33.9	10
2900	Legend Seeds LR 9997 GENSSRIB	8	P5	101	25.2	6	99	104	35.4	20	100	104	35.4	20
2900	Maizex E67H95	0	F					103	32.6	10	99	103	32.6	10
2900	NK Brand NK9738 3010	27	F	95	23.1	6	101	99	29.4	20	99	99	29.4	20
2900	PRIDE Seeds A6694G2 RIB	6	F	101	25.7		98	106	31.0		101	106	31.0	
2900	PRIDE Seeds A6777G2 RIB	6	F	101	24.8	3	101	96	34.7	10	100	96	34.7	10
2925	Brevant B98D25AM	23	L					103	34.2	20	101	103	34.2	20
2925	Country Farm CF487	6	F	101	24.9	6	99	100	35.1	20	98	100	35.1	20
2925	CROPLAN 3909VT2P/RIB	6	L					105	34.0	10	98	105	34.0	10
2925	DEKALB DKC47-55RIB	6	L	100	23.6		102	104	30.0		101	104	30.0	
2925	Maizex MZ 3818DBR	6	F	102	24.5	6	100	105	34.4	20	101	105	34.4	20
2925	Maizex MZ 3877SMX	8	F	100	24.9		99	100	34.7		98	100	34.7	
2925	Pioneer P9840AM	23	L	101	25.1		97	104	34.3		97	104	34.3	
2950	De Dell DL 4555	0	-					94	33.8		101	94	33.8	
2950	DEKALB DKC48-28RIB	6	L	103	23.8	3	100	105	32.3	10	99	105	32.3	10
2950	DEKALB DKC48-56RIB	8	L	101	24.1	4	100	100	31.6	10	99	100	31.6	10
2950	Legend Seeds LR 9999 VT2PRIB	6	P5	107	25.0	3	97	106	33.2	10	100	106	33.2	10
2950	Maizex E67H92 R	6	F	100	25.2	3	98	102	35.2	10	98	102	35.2	10
2950	Maizex MZ 3964DBR	6	F	98	24.2	4	100	102	32.8	10	100	102	32.8	10
2950	Pioneer P9946AML	23	L					99	33.5	20	101	99	33.5	20
2950	Pioneer P9998AM	23	L	107	25.5		98	102	33.9		100	102	33.9	
2950	PRIDE Seeds A6757G8 RIB	8	F	99	24.6	8	100	96	34.2	30	98	96	34.2	30
2950	PRIDE Seeds A6888G2 RIB	6	F	100	24.3		101	99	33.2		101	99	33.2	

Table 3E: Bainsville, Ottawa, Winchester

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019		
					average of 4 trials				average of 1 trials				WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
2975	De Dell	DL 4902	0	-	95	25.0	6	100	91	34.1	20	102	91	34.1	20
2975	DEKALB	DKC49-09RIB	6	L	103	24.5	3	101	102	35.7	10	101	102	35.7	10
2975	Maizex	MZ 402X	0	F	102	24.1	5	99	101	30.1	10	100	101	30.1	10
2975	Maizex	MZ 4040DBR	6	F					103	38.2	10	100	103	38.2	10
2975	Maizex	MZ 4280DBR	6	F	106	25.0	4	97	104	31.6	10	99	104	31.6	10
3000	Brevant	B00R96AM	23	L					89	38.2	10	97	89	38.2	10
3000	Country Farm	CF598	8	F					100	33.2	10	100	100	33.2	10
3000	Legend Seeds	LR 9701 GENSSRIB	8	C	100	25.3	3	99	98	36.3	10	98	98	36.3	10
3000	Pioneer	P0075AM	23	L					95	37.9		101	95	37.9	
3000	Pioneer	P0157AM	23	L	105	26.3	3	99	101	35.3	10	100	101	35.3	10
3000	Pioneer	P9998AMXT	24	L	98	24.5	3	100	97	31.2	10	100	97	31.2	10
3025	CROPLAN	4188VT2P/RIB	6	L					97	34.7		99	97	34.7	
3025	CROPLAN	4203VT2P/RIB	6	L					97	32.9		99	97	32.9	
3050	DEKALB	DKC50-26RIB	8	L	99	24.7		102	95	34.3		100	95	34.3	
3050	Pioneer	P0157AMXT	24	L	107	26.0	4	100	96	35.1	10	100	96	35.1	10
3100	Legend Seeds	LR 9903 VT2PRIB	6	P5	103	26.2		99	93	37.2		99	93	37.2	
3100	Maizex	MZ 4158DBR	6	F	105	25.7	3	98	97	34.3	10	99	97	34.3	10
LSD (0.10) for Yield Index Points*					4				7				7		
Average all hybrids **					210				211				211		

¹ Bainsville 2018, Ottawa 2018, Winchester 2018-2019

² 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

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials					
					average of 5 trials				average of 2 trials				BLYTH			WATERLOO		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2625	Pioneer	P8989AM	23	L					99	25.4	4	104	102	23.2	7	96	27.5	0
2650	Brevant	B90J12AM	23	L					100	26.6	1	101	105	24.9	1	95	28.3	1
2650	Pioneer	P9188AM	23	L	98	24.1	2	102	102	26.6	1	104	101	26.5	2	103	26.6	0
2725	Brevant	B92R26AM	23	L					103	27.7	1	99	104	27.2	1	102	28.2	0
2725	Maizex	MZ 3117DBR	6	F					100	28.5	0	99	104	27.3	0	97	29.7	0
2750	Horizon	HZ 3245	27	F					94	27.7	3	102	89	26.9	6	100	28.5	0
2750	Horizon	HZ 878	27	F	104	24.1	5	100	105	26.3	12	101	105	26.4	17	105	26.1	8
2750	Maizex	E63G62 R	6	F					97	28.6	1	103	98	27.6	1	96	29.6	0
2750	Pioneer	P9330AM	23	L	95	24.1	2	102	92	26.3	4	104	91	23.9	6	94	28.7	1
2775	Horizon	HZ 3295	28	F	101	25.5	2	99	107	29.6	3	99	112	29.3	5	102	29.9	1
2775	Maizex	MZ 3397SMX	8	F	100	25.2	1	101	105	27.9	1	101	106	26.1	1	104	29.8	0
2775	NK Brand	NK8920 3120	28	F	98	24.8	2	100	96	27.6	5	101	93	27.0	10	99	28.3	1
2800	Brevant	B94R06AM	23	L					96	28.0	3	102	92	26.0	5	99	30.0	0
2800	Legend Seeds	LR 9993 GENSSRIB	8	C					95	29.9	0	100	89	30.3	0	102	29.6	0
2800	Maizex	E65G82 R	6	F					100	29.4	1	100	98	29.6	1	102	29.2	0
2800	NK Brand	NK9227 3220A	27	F	98	25.4	2	100	98	28.7	3	100	98	27.8	6	99	29.6	0
2800	Pioneer	P9404AM	23	L	96	24.6	0	103	101	27.8	1	102	102	26.9	1	99	28.8	0
2825	Brevant	B92R15SX	8	C	93	25.2	1	100	98	29.3	1	100	97	28.9	1	98	29.8	0
2825	Brevant	B95R46AM	23	L					100	29.0	2	99	98	27.7	2	102	30.2	2
2825	CROPLAN	3575VT2P/RIB	6	L					106	30.2	0	101	109	29.0	0	103	31.4	0
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L					98	29.3	7	101	96	27.5	13	100	31.1	0
2825	Legend Seeds	LR 9094 VT2PRIB	6	P					100	29.1	0	100	94	28.3	0	106	30.0	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	96	24.7	0	100	97	28.2	0	100	95	27.7	0	99	28.6	0
2850	Country Farm	CF430	0	F	102	24.9	1	102	97	28.2	2	103	105	27.6	3	91	28.8	1
2850	De Dell	DX359	0	-					91	29.7	6	101	93	28.1	9	90	31.3	3
2850	DEKALB	DKC44-80RIB	6	L	105	25.5	2	100	106	29.4	4	99	109	29.1	7	104	29.6	0
2850	DLF PICKSEED	PS 2815	0	L	98	25.9	1	100	102	30.3	0	100	100	29.7	0	103	30.8	1
2850	Legend Seeds	LR 9495 VT2PRIB	6	C	93	26.3	0	100	96	31.7	0	98	91	32.2	0	101	31.2	0
2850	NK Brand	NK9535 3220	27	F	100	26.3	1	101	102	30.3	2	102	100	29.6	2	103	30.9	1
2850	Pioneer	P9608AM	23	L	94	25.5	0	101	89	28.3	1	102	84	27.3	2	95	29.2	0
2850	Pioneer	P9608AMXT	24	L	94	25.2	0	103	98	28.0	1	104	95	26.8	1	100	29.2	0
2850	Pioneer	P9621AMXT	24	L	102	25.8	0	96	102	29.6	1	95	99	28.6	1	104	30.5	0

Table 3W: Blyth, Port Hope, Waterloo
2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials					
					average of 5 trials				average of 2 trials				BLYTH			WATERLOO		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2850	PRIDE Seeds	A6572G2 RIB	6	F					104	29.9	1	101	105	29.5	1	102	30.3	0
2875	Country Farm	CF19205	6	F					104	30.6	2	100	104	30.4	3	105	30.8	1
2875	Country Farm	CF453	6	F	90	26.2	0	101	90	29.9	0	101	90	29.5	0	91	30.3	0
2875	Country Farm	CF458	8	F	100	25.2	2	101	102	29.0	2	101	102	28.3	4	101	29.7	0
2875	CROPLAN	3795VT2P/RIB	6	L					95	30.8	1	99	98	29.1	2	92	32.5	0
2875	CROPLAN	3899VT2P/RIB	6	L	104	27.3	2	99	105	32.5	2	98	99	32.8	3	111	32.3	0
2875	DEKALB	DKC45-65RIB	8	L	102	26.6	0	99	100	32.3	0	99	106	32.0	0	95	32.5	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	97	26.2	0	99	100	30.9	0	99	100	30.6	0	101	31.3	0
2875	Maizex	MZ 3690DBR	6	F					100	30.2	1	99	99	30.4	2	101	30.0	0
2900	CROPLAN	4079VT2P/RIB	6	L					97	34.0	1	99	94	35.0	2	100	32.9	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L					105	29.6	1	101	114	28.5	2	96	30.7	1
2900	Horizon	HZ 3787	27	F	101	26.4	3	98	101	30.8	1	98	103	30.1	1	100	31.4	1
2900	Legend Seeds	LR 9997 GENSSRIB	8	P5	104	27.2	0	100	107	32.2	1	100	110	32.8	1	104	31.6	1
2900	Maizex	E67H95	0	F					111	31.3	1	100	115	31.1	2	108	31.4	0
2900	NK Brand	NK9738 3010	27	F	99	25.1	1	100	94	28.6	3	99	91	28.0	6	97	29.3	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	103	26.4	1	101	105	30.3	1	101	107	29.8	1	102	30.8	1
2900	PRIDE Seeds	A6777G2 RIB	6	F	99	26.5	1	100	97	30.8	1	99	97	30.8	2	97	30.9	0
2925	Brevant	B98D25AM	23	L					99	30.4	0	99	95	29.9	0	102	31.0	0
2925	Country Farm	CF487	6	F	93	26.8	0	99	97	31.6	0	99	97	31.2	1	98	32.1	0
2925	CROPLAN	3909VT2P/RIB	6	L					101	31.0	0	99	100	31.3	0	102	30.8	0
2925	DEKALB	DKC47-55RIB	6	L	101	26.1	0	102	97	30.6	0	102	101	30.4	0	94	30.7	0
2925	Maizex	MZ 3818DBR	6	F	99	27.2	0	99	104	31.5	0	99	102	31.2	0	105	31.7	0
2925	Maizex	MZ 3877SMX	8	F	99	25.9	1	99	101	30.1	1	100	100	29.1	1	101	31.0	1
2925	Pioneer	P9840AM	23	L	104	26.1	1	98	102	29.6	1	97	105	28.3	1	100	30.9	1
2950	De Dell	DL 4555	0	-	99	27.9	0	102	101	33.1	1	102	103	33.7	1	99	32.6	0
2950	DEKALB	DKC48-28RIB	6	L	102	26.0	1	100	99	30.6	1	100	103	29.1	1	95	32.1	0
2950	DEKALB	DKC48-56RIB	8	L	104	26.6	1	101	105	31.6	0	101	107	31.3	0	103	31.9	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5	103	27.2	0	99	103	32.0	0	100	101	33.4	1	106	30.5	0
2950	Maizex	E67H92 R	6	F					106	31.8	1	99	109	32.0	1	103	31.6	0
2950	Pioneer	P9946AML	23	L					98	31.2	0	100	95	32.1	0	100	30.4	0
2950	Pioneer	P9998AM	23	L	100	27.2	1	99	95	31.0	1	99	86	30.6	1	104	31.4	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	101	27.4	0	100	103	32.7	0	97	98	33.4	1	107	31.9	0

Table 3W: Blyth, Port Hope, Waterloo
2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials					
					average of 5 trials				average of 2 trials				BLYTH			WATERLOO		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2950	PRIDE Seeds	A6888G2 RIB	6	F	100	26.8	1	99	101	32.0	1	100	105	31.8	1	98	32.2	0
2975	DEKALB	DKC49-09RIB	6	L	99	26.8	0	100	96	31.8	0	99	97	31.7	0	95	31.9	0
2975	Maizex	MZ 402X	0	F	103	26.9	2	100	103	31.1	2	101	104	31.0	3	101	31.3	2
2975	Maizex	MZ 4040DBR	6	F					107	32.6	1	99	110	32.7	2	104	32.6	0
2975	Maizex	MZ 4280DBR	6	F	111	26.6	5	99	106	31.1	3	99	98	32.0	6	114	30.1	0
3000	Brevant	B00R96AM	23	L					96	31.0	2	98	96	29.8	2	97	32.2	1
3000	Country Farm	CF598	8	F					98	32.5	1	101	93	32.6	1	103	32.5	0
3000	Horizon	HZ 4010	27	F	104	27.6	0	99	101	31.0	0	100	108	29.6	0	95	32.4	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C	94	27.3	0	99	90	32.3	0	99	92	31.5	1	87	33.1	0
3000	Pioneer	P0075AM	23	L					102	33.8	0	96	105	34.6	0	99	33.0	0
3000	Pioneer	P0157AM	23	L	105	26.8	1	100	101	31.1	1	100	104	29.8	2	98	32.4	1
3000	Pioneer	P9998AMXT	24	L	105	27.2	0	100	108	32.0	0	99	108	32.2	1	108	31.7	0
3025	CROPLAN	4188VT2P/RIB	6	L					97	33.1	1	98	93	33.4	1	100	32.8	0
3025	CROPLAN	4203VT2P/RIB	6	L					102	30.3	2	101	110	28.6	3	95	32.0	0
3025	Horizon	HZ 4101	27	F					97	34.2	1	99	108	34.2	1	87	34.2	1
3050	DEKALB	DKC50-26RIB	8	L	100	26.8	0	101	99	32.1	0	101	102	31.5	1	96	32.8	0
3050	Pioneer	P0157AMXT	24	L	98	28.1	0	99	91	32.4	1	100	86	31.8	1	95	33.1	0
3075	CROPLAN	4203SS/RIB	8	L					101	32.0	1	99	94	33.0	1	107	31.0	0
3100	Legend Seeds	LR 9903 VT2PRIB	6	P5	104	27.4	2	99	102	32.5	2	99	98	31.7	4	105	33.3	0
3100	Maizex	MZ 4158DBR	6	F	105	27.9	0	98	103	33.0	1	98	102	32.2	1	104	33.7	0
LSD (0.10) for Yield Index Points*					5				8				13			9		
Average all hybrids **					232	26.2	1	68	231	30.3	1	66	220	29.8	2	241	30.8	1

¹ Blyth 2018-2019, Port Hope 2018, Waterloo 2018-2019

² Blyth, 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
2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019		
					average of 4 trials				average of 1 trials				BELMONT		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
2850	NK Brand	NK9535 3220	27	F	103	24.0	0	101	106	29.7	1	104	106	29.7	1
2850	Pioneer	P9608AM	23	L	94	23.3	1	104	95	27.3	2	104	95	27.3	2
2850	Pioneer	P9608AMXT	24	L	88	23.2	1	104	95	27.7	0	105	95	27.7	0
2850	Pioneer	P9621AMXT	24	L	104	23.9	2	98	104	28.1	3	99	104	28.1	3
2875	CROPLAN	3899VT2P/RIB	6	L	101	23.9	1	100	106	29.8	2	101	106	29.8	2
2900	CROPLAN	4079VT2P/RIB	6	L					104	33.6	1	99	104	33.6	1
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L					99	28.7	0	103	99	28.7	0
2900	NK Brand	NK9738 3010	27	F	104	23.9	2	100	105	29.7	0	102	105	29.7	0
2900	PRIDE Seeds	A6694G2 RIB	6	F					95	31.8	1	101	95	31.8	1
2925	Brevant	B98D25AM	23	L					110	30.1	1	100	110	30.1	1
2925	Country Farm	CF487	6	F	96	23.3	0	102	97	29.9	0	101	97	29.9	0
2925	CROPLAN	3909VT2P/RIB	6	L					102	29.7	0	100	102	29.7	0
2925	Maizex	MZ 3818DBR	6	F	99	24.0	0	99	90	30.8	1	100	90	30.8	1
2925	Maizex	MZ 3877SMX	8	F	102	24.2	1	100	103	32.3	0	100	103	32.3	0
2925	Pioneer	P9840AM	23	L	95	23.4	3	99	89	28.7	5	97	89	28.7	5
2950	Pioneer	P9946AML	23	L					100	30.7	0	100	100	30.7	0
2950	Pioneer	P9998AM	23	L	99	24.6	1	100	101	30.3	0	100	101	30.3	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	103	24.0	0	100	99	30.9	0	99	99	30.9	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	96	23.8	0	101	102	30.5	1	100	102	30.5	1
2975	DEKALB	DKC49-09RIB	6	L	103	24.2	1	101	100	31.3	0	100	100	31.3	0
2975	Maizex	MZ 4040DBR	6	F					113	31.1	2	101	113	31.1	2
2975	Maizex	MZ 4049SMX	8	F					97	33.0	0	100	97	33.0	0
2975	Maizex	MZ 4280DBR	6	F	106	25.4	2	100	101	32.0	3	101	101	32.0	3
3000	Brevant	B00R96AM	23	L					97	31.2	2	100	97	31.2	2
3000	Country Farm	CF598	8	F					97	30.5	2	103	97	30.5	2
3000	DLF PICKSEED	PS 3035VT2P RIB	6	L	103	24.2	1	100	110	30.1	1	100	110	30.1	1
3000	Horizon	HZ 1028	0	F					93	28.7	3	103	93	28.7	3
3000	Horizon	HZ 4010	27	F	99	24.9	1	99	101	32.4	1	99	101	32.4	1
3000	Maizex	MZ 4151TRE	4	F					102	32.0	0	96	102	32.0	0
3000	Pioneer	P0075AM	23	L					105	32.6	0	97	105	32.6	0
3000	Pioneer	P0157AM	23	L	100	24.6	1	101	101	31.7	0	102	101	31.7	0
3000	Pioneer	P9998AMXT	24	L	104	25.1	0	100	106	31.8	0	99	106	31.8	0

Table 4: Exeter, Ilderton, Woodstock, Belmont
2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019		
					average of 4 trials				average of 1 trials				BELMONT		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
3025	CROPLAN	4188VT2P/RIB	6	L					96	33.1	1	98	96	33.1	1
3025	CROPLAN	4203VT2P/RIB	6	L					101	30.6	0	103	101	30.6	0
3025	Horizon	HZ 4101	27	F	97	25.9	2	100	95	33.2	1	102	95	33.2	1
3050	Country Farm	CF19407	6	F					109	32.4	1	96	109	32.4	1
3050	DEKALB	DKC50-26RIB	8	L	100	24.5	1	102	97	32.1	0	102	97	32.1	0
3050	Pioneer	P0157AMXT	24	L	101	25.4	0	101	88	32.0	0	101	88	32.0	0
3075	CROPLAN	4203SS/RIB	8	L					96	33.7	2	98	96	33.7	2
3075	Horizon	HX J204Y	27	F					116	34.3	2	100	116	34.3	2
3075	Horizon	HZ 4398	27	F	95	27.4	1	97	92	37.7	0	97	92	37.7	0
3075	PRIDE Seeds	A7270G8 RIB	8	F	99	25.7	1	100	99	33.7	2	99	99	33.7	2
3100	DEKALB	DKC52-84RIB	8	L	93	24.3	0	99	93	31.5	0	98	93	31.5	0
3100	Maizex	MZ 4158DBR	6	F	100	25.9	1	99	104	34.9	0	98	104	34.9	0
3100	Maizex	MZ 4368SMX	8	F	101	25.2	1	99	100	33.2	0	99	100	33.2	0
3100	Pioneer	P0306AM	23	L	106	24.7	3	99	99	32.1	1	100	99	32.1	1
3125	Brevant	B04S21AM	23	L					100	36.3	0	99	100	36.3	0
3125	Country Farm	CF19412	6	F					103	32.1	1	99	103	32.1	1
3125	Pioneer	P0414AM	23	L	103	26.4	10	100	103	34.1	1	99	103	34.1	1
3150	Country Farm	CF19501	8	F					96	35.2	0	101	96	35.2	0
3150	CROPLAN	4488SS/RIB	8	L					110	33.7	0	99	110	33.7	0
3150	De Dell	DL 6207	0	-	102	27.6	5	98	95	36.7	1	101	95	36.7	1
3150	Maizex	MZ 4577SMX	8	F					100	34.0	0	99	100	34.0	0
3150	Maizex	MZ 4691DBR	6	F					107	34.8	3	102	107	34.8	3
3150	Pioneer	P0506AM	23	L	101	25.7	1	99	95	32.1	0	99	95	32.1	0
3175	DEKALB	DKC54-45RIB	8	L	105	27.0	2	100	104	35.5	2	100	104	35.5	2
3200	Maizex	MZ 4623SMX	8	F	98	27.0	0	97	92	35.7	0	97	92	35.7	0
LSD (0.10) for Yield Index Points*					5				11				11		
Average all hybrids **					224	24.9	1	65	194	32.0	1	64	194	32.0	1

¹ , Ilderton 2018, Woodstock 2018, Belmont 2018-2019

² 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 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 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 %
2975	Maizex	MZ 4040DBR	6	F					99	23.2	20	101	90	24.3	26	103	21.3	2	103	24.0	33
3000	Brevant	B00R96AM	23	L					100	22.8	8	102	99	23.8	6	101	20.7	0	100	23.9	16
3000	Maizex	MZ 4151TRE	4	F					104	23.0	2	99	104	24.4	0	101	20.3	0	107	24.4	5
3000	Pioneer	P0075AM	23	L									99	23.8	2				103	25.0	15
3000	Pioneer	P0157AM	23	L	94	22.0	11	103	95	22.6	6	104	87	21.9	1	103	21.8	0	92	24.1	17
3025	CROPLAN	4188VT2P/RIB	6	L					102	23.5	5	101	97	24.0	4	100	21.2	0	109	25.3	12
3025	CROPLAN	4203VT2P/RIB	6	L					97	21.6	11	105	104	20.7	1	97	21.7	0	92	22.4	32
3050	Pioneer	P0157AMXT	24	L	100	22.7	4	103	98	23.8	7	103	98	23.3	1	98	22.5	1	99	25.5	18
3075	CROPLAN	4203SS/RIB	8	L					101	23.3	3	102	104	22.4	1	98	22.1	0	102	25.4	9
3075	Horizon	HX J204Y	27	F					102	25.6	6	100	106	24.6	3	94	25.6	0	109	26.7	16
3100	Maizex	MZ 4368SMX	8	F	98	22.7	13	100	99	24.3	9	101	103	24.8	1	97	22.1	0	98	26.1	26
3100	Pioneer	P0306AM	23	L	98	22.7	23	102	95	23.7	17	102	96	24.0	2	100	22.0	0	89	25.1	49
3125	Brevant	B04521AM	23	L					100	25.8	7	100	100	26.1	0	103	22.6	1	96	28.6	19
3125	Pioneer	P0414AM	23	L	100	23.6	18	99	103	24.6	5	100	104	25.8	0	103	22.8	1	102	25.1	14
3150	Country Farm	CF19501	8	F					95	24.0	2	102	94	24.4	1	95	21.8	0	96	25.8	5
3150	CROPLAN	4488SS/RIB	8	L	102	23.7	20	101	103	25.3	7	102	105	24.6	12	102	23.9	0	104	27.3	7
3150	Maizex	MZ 4577SMX	8	F					102	24.3	14	102	97	24.8	8	99	22.6	0	110	25.5	35
3150	Maizex	MZ 4691DBR	6	F					95	25.7	9	103	93	25.0	3	102	23.0	0	88	29.0	25
3150	Pioneer	P0506AM	23	L	102	24.0	13	101	98	25.1	10	102	91	25.6	3	104	22.7	6	96	27.0	22
3175	CROPLAN	4676SS/RIB	8	A					98	26.6	3	100	100	26.5	4	95	23.3	0	99	30.0	6
3175	DEKALB	DKC54-45RIB	8	L	95	23.3	13	100	100	24.8	9	101	96	25.1	10	101	22.7	0	101	26.7	18
3175	DEKALB	DKC55-05RIB	6	L	99	22.5	18	100	98	24.1	6	101	97	23.5	5	99	21.7	1	100	27.2	11
3175	PRIDE Seeds	A7373G2 RIB	6	F	97	24.2	9	101	99	26.2	5	101	97	26.6	3	97	22.7	0	104	29.4	11
3200	Brevant	B08R85SX	8	C									100	26.1	2	100	26.1	2			
3200	CROPLAN	4791AS3111	20	L	99	25.4	23	97	99	27.4	11	96	104	29.2	10	96	24.3	0	100	28.6	23
3200	Maizex	MZ 4623SMX	8	F	103	24.7	10	97	101	26.5	4	97	101	26.1	0	99	23.9	0	102	29.6	13
3200	PRIDE Seeds	A7818G2 RIB	6	P					107	26.2	3	96	107	26.6	0	104	24.0	0	112	27.9	10
3225	Pioneer	P0720AM	23	L					103	28.3	4	97	105	27.3	1	103	25.5	0	102	32.1	12
3250	Pioneer	P0825AM	23	L	100	24.7	11	97	98	25.9	9	97	99	25.6	1	100	24.7	2	94	27.4	24
3250	PRIDE Seeds	A7790G8 RIB	8	F	98	26.2	3	102	99	28.5	4	101	100	30.3	0	98	24.7	0	100	30.5	12
3275	DEKALB	DKC58-06RIB	8	L	98	25.1	12	102	99	27.0	11	102	97	26.3	11	101	25.6	0	98	29.1	21
3275	Maizex	MZ 5088DBR	6	F					105	28.3	16	100	112	28.8	5	102	25.1	6	104	31.0	38

Table 5: Ridgetown, Tilbury, Dresden 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.
 Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 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 %
3300	Country Farm CF758	8	F	101	23.7	13	101	102	25.4	11	102	105	25.3	0	101	23.1	8	103	27.8	24
3300	CROPLAN 4997VT2P/RIB	6	L	101	25.4	19	99	100	27.4	19	99	99	26.9	5	102	24.9	0	98	30.3	52
3300	De Dell DL 7250	0	-	95	27.3	16	103	92	29.7	5	101	87	30.1	4	100	26.7	1	87	32.2	11
3300	DEKALB DKC59-50RIB	6	L	98	25.8	19	99	99	28.0	13	99	102	28.3	5	98	24.9	3	98	30.7	32
3300	Maizex MZ 5134DBR	6	F	102	25.1	16	98	100	27.0	7	98	99	27.4	6	99	24.4	0	104	29.2	14
3300	Pioneer P0825AMXT	24	L	105	25.1	13	96	102	26.3	6	95	106	26.8	0	100	24.7	2	101	27.4	17
3300	Pioneer P0977AM	23	L	103	25.0	22	101	105	26.9	11	100	101	27.9	5	111	23.6	3	100	29.3	24
3325	Brevant B10R23AM	23	L					96	28.0	9	99	93	27.9	0	101	25.4	0	92	30.7	27
3325	DEKALB DKC60-87RIB	8	P5					106	29.2	5	99	111	30.1	2	104	25.9	0	104	31.7	14
3350	Country Farm CF762	4	F									98	24.5	5				94	30.2	26
3375	DEKALB DKC63-60RIB	8	P5	105	27.9	13	101	101	30.5	15	99	108	31.4	2	97	28.0	0	99	32.1	43
3400	Country Farm CF19506	6	F					105	29.4	10	96	111	28.6	10	100	26.9	1	105	32.6	19
3400	Pioneer P1197AMXT	24	L	100	25.8	12	97	96	28.1	8	96	92	28.2	2	96	25.4	2	98	30.8	20
3400	PRIDE Seeds A8303G8 RIB	8	F	107	28.3	6	101	99	31.5	6	98	100	31.8	2	94	29.6	0	106	33.1	16
LSD (0.10) for Yield Index Points*				4				4				9			5			9		
Average all hybrids **				215 24.7 14 69				210 26.0 8 68				188 26.1 4			254 23.8 1			190 28.1 20		

¹ Ridgetown 2018-2019, Tilbury 2019, Dresden 2018-2019

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.