



# 2020

## Ontario Hybrid Corn Performance Trials

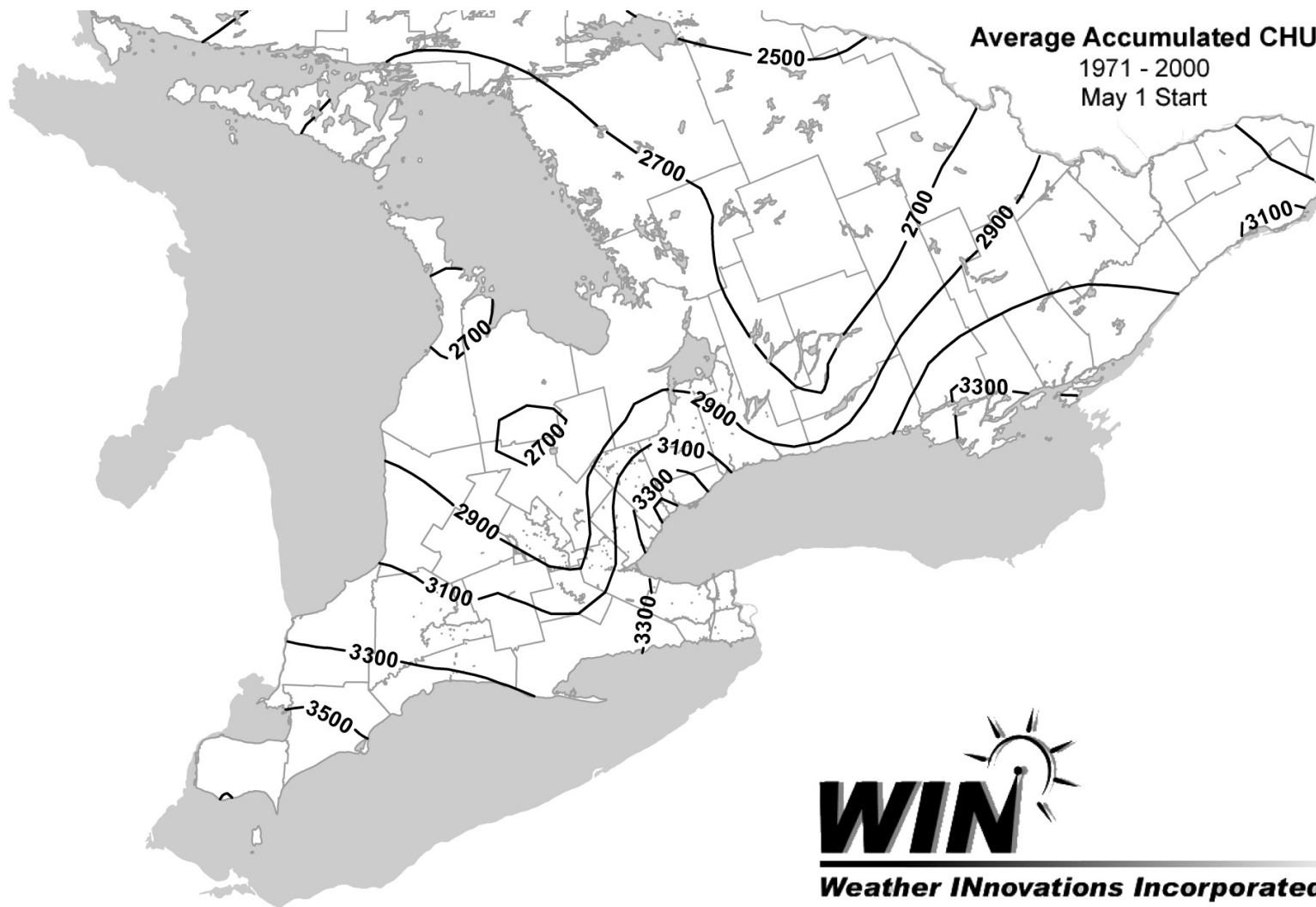
Data collected 2019-2020

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 accepted procedures.

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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, and 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 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.

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

**% 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.

**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
4	Roundup Ready Corn 2
6	VT Double PRO
8	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
33	Agrisure Duracade 5122
34	Agrisure Duracade 5222
35	Agrisure Viptera 3330
36	Qrome
37	Optimum AcreMax Leptra

### 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 2020. 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: <https://seedinnovation.ca/corn-hybrids-database/>

## 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	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 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
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 NOM 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
Saatbau	Saatbau Linz	201 rue st louis . 412, St Jean/Richelieu, QC J3B 1X9	1 514 609 0881

## 2020 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>	2020 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	2975	2971	Sandy Loam	Timstar Farms Ltd	33896	May 13	Oct 19
Dundalk	1	2600	2666	2703	Sandy Loam	Blydorp Farms Ltd.	33896	May 12	Oct 16
Elora	2	2800	3053	3051	Silt Loam	University of Guelph	33896	May 04	Oct 14
Port Hope T2	2	2800	N/A	N/A	Sandy Loam	Bruce Hendry		May 16	Nov 10
Winchester T2	2	3000	N/A	3739	clay loam	Winchester Ag. Research Station	32000	May 12	Oct 29
Wingham	2	2800	3023	N/A	Silt Loam	Rob Warwick	34000	May 27	Oct 27
Bainsville	3E	3000	N/A	N/A	Clay Loam	Rob MacDonald		May 14	Nov 08
Iroquois	3E	3000	N/A	N/A	Loam	Ryan Devries		May 14	Nov 07
Winchester	3E	3000	N/A	3739	clay loam	Winchester Ag. Research Station	34000	May 04	Oct 29
Blyth	3W	3000	3100	3032	Silt Loam	Peter Heinrich	34000	May 27	Oct 30
Port Hope	3W	3000	N/A	N/A	Sandy Loam	Bruce Hendry		May 16	Nov 10
Waterloo	3W	2900	3203	3184	Sandy Loam	Rosendale Grain Farms Ltd	34788	May 06	Oct 08
Exeter	4	3050	N/A	N/A	Silt Loam	Cliff Hicks	34000	May 26	Oct 31
Ilderton	4	3100	3235	2729	Clay Loam	Ralph Kuebler	34000	May 26	Nov 06
Woodstock	4	3150	N/A	N/A	Loam	Wes Hart		May 21	Nov 04
Belmont	4	3250	3180	2757	Silt Loam	Claire Hooker	34000	May 25	Nov 05
Ridgetown	5	3450	3506	N/A	Clay Loam	University of Guelph	34000	May 06	Oct 31
Tilbury	5	3650	N/A	3579	Clay	Gus Ternoey	discarded - poor emergence		
Dresden	5	3600	3335	3208	Sandy Loam	Brent McFadden	34000	May 22	Oct 29

### Notes:

1 Average total heat unit accumulation 2015 - 2019, 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.

## 2020 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 wheat cover	Disk	Cultivator x2	MR	LR	6.1	160	100	40	0	Primextra Callisto	4.0 L/ha 0.3 l/ha	May 26 May 26	post post	64	97	53	149	123	486
Dundalk	1	Wheat (red clover cover)		Cultivator x2	HR	HR	7.6	145	40	85	11	Roundup Converge XT	1.5l/ha 330ml/ha	May 21 May 21	pre pre	59	92	108	169	85	513
Elora	2	Wheat (oats cover)	Chisel Plow	Cultivator x2	HR	MR	7.7	180	86	102	12	Primextra Callisto	4.0 L/ha 0.3 l/ha	May 22 May 22	post post	57	77	71	80	89	374
Port Hope T2	2	Soybeans	None	Cultivated x 2	LR	LR	7.5	200	80	100	0	Acuron	1.96L/acre	May 16	pre	73	71	99	200	90	533
Winchester T2	2	Soybeans	Chisel plow	Cultivator	LR	MR	5.8	225	105	50	21	Integrity Accent Distinct Agral 90	0.44 L/ac 13 g/ac 115 g/ac 2.5L/1000L	May 06 Jun 09 Jun 09 Jun 09	ppi post post post	29	21	50	174	55	329
Wingham	2	Wheat		RTS 2x	HR	MR	7.3	195	42	103	20	Marksman/Roundup Converge Flexx Converge 480	1.0 L .178 L/ac 0.8 L/ac	Apr 26 Jun 09 Jun 09	pre post post	62	96	82	95	50	385
Bainsville	3E	Soybeans	None	Cultivated x 2	LR	MR	6	200	80	100	0	Acuron Accent Distinct	1.96L/acre 13g/acre 0.155kg/ac	May 14 Jun 17 Jun 17	pre post post	92	92	144	226	99	653
Iroquois	3E	Wheat		Cultivated x 2	LR	MR	5.8	200	80	100	0	Acuron Accent Distinct	1.96L/acre 13g/acre 0.155kg/ac	May 14 Jun 17 Jun 17	pre post post	85	67	120	174	70	516
Winchester	3E	Spring cereals	Chisel plow	Cultivator	LR	MR	5.9	225	105	50	21	Integrity Accent Distinct Agral 90	0.44 L/ac 13 g/ac 115 g/ac 2.5L/1000L	May 06 Jun 09 Jun 09 Jun 09	ppi post post post	29	21	50	174	55	329
Blyth	3W	Winter wheat	Strip Till	Strip Till	LR	RR	7.5	184	92	123	0	Integrity glyphosate	440 mL/ac 1 L/ac	Apr 27 Jun 22	pre post	67	96	77	110	50	400
Port Hope	3W	Soybean	None	Cultivated x 2	LR	LR	7.5	200	80	100	0	Acuron	1.96L/acre	May 16	pre	73	71	99	200	90	533
Waterloo	3W	Wheat (oats cover)	Chisel Plow	Cultivator x2	RR	RR	6.9	180	80	120	6	Primextra Callisto	3.0 l/ha 0.3 l/ha	Apr 25 May 26	ppi post	67	77	168	100	87	499
Exeter	4	Oat cover crop		HS Disk	HR	RR	7.6	195	12	123	0	Frontier Marksman/Roundup	860 mL/ac 1.5 L/ac/ 1 L/ac	May 25 Jun 01	ppi pre	96	74	32	73	66	341
Ilderton	4	Winter Wheat		Cultivation	HR	LR	7.7	174	12	3	0	Acuron Roundup	1.96 L/ac 1.7 L/ac	Jun 01 Jun 01	pre pre	66	50	38	161	110	425
Woodstock	4	Soybeans	None	Cultivated x 2	LR	HR	6.9	200	80	100	0	Accent Distinct	13 g/acre 0.155kg/ac	Jun 02 Jun 02	post post	107	70	100	84	98	459
Belmont	4	Soybeans	Chisel Plow	Cultivate	HR	MR	7.3	205	25	3	0	Primextra Engenia	1.25 L/ac 0.25 L/ac	May 22 May 22	pre pre	64	43	74	84	105	370
Ridgetown	5	Wheat	Chisel Plow	Cultivate	MR	MR	5.7	205	75	123	0	Acuron Roundup W/max	1.96 L/ac 1.0 L/ac	May 12 May 12	pre pre	68	102	82	53	81	386
Tilbury	5	Wheat	Chisel Plow	Cultivate				205	25	3	0	Acuron	1.96 L/ac	May 22	pre	77	54	84	97	109	421
Dresden	5	Soybeans	Chisel Plow	Cultivate	HR	LR	6	205	25	200	0	Acuron	1.96 L/ac	May 23	pre	101	79	69	65	93	407



Table 1: Orangeville, Dundalk

2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>			Results of 2020 Performance Trials							
				average of 4 trials				average of 2 trials			DUNDALK				ORANGEVILLE			
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Test <sup>3</sup> Index	Yield Index	Moist %	Ldg %	Test Wt Index
2100	Country Farm 178	6	F	91	27.8	1	106	89	25.7	0	92	24.7	0	108	86	26.7	0	105
2250	Brevant B78R96AM	23	L	85	35.3	0	99	87	25.4	0	90	23.9	0	102	84	26.9	0	99
2250	Pioneer P7861AM	23	L	94	28.8	0	102	89	26.4	0	91	26.6	0	105	87	26.3	0	102
2250	Saatbau AMELLO	0	C	102	29.0	2	104	96	28.8	1	99	27.4	0	107	94	30.2	1	104
2300	Maizex E49K32 R	6	F	97	27.7	0	101	92	27.4	0	90	25.0	0	105	94	29.8	0	101
2300	Pioneer P7955AM	23	L	97	27.9	0	105	94	27.4	0	95	25.5	0	105	94	29.2	0	105
2400	De Dell DL 999	0	-					92	27.6	0	96	27.2	0	106	88	28.0	0	104
2400	Pioneer P8234AM	23	L	92	27.7	0	99	87	26.4	0	90	25.1	0	101	84	27.7	0	99
2425	Brevant B83R36AM	23	L	102	28.9	2	99	99	27.0	0	103	25.3	0	99	95	28.7	0	99
2450	CROPLAN 2288VT2P/RIB	6	F	100	29.9	0	102	99	28.0	0	98	26.2	0	104	100	29.7	0	100
2450	De Dell Devour	0	-					97	30.1	0	104	28.3	0	104	91	32.0	0	102
2450	Maizex E52V92 R	6	F	93	28.7	0	102	89	27.3	0	85	24.8	0	105	92	29.9	0	100
2450	Pioneer P8407AM	23	L	104	31.6	0	98	100	28.4	0	101	26.0	0	100	99	30.7	0	99
2475	Saatbau ALBIREO	0	C	103	31.2	2	106	99	30.6	0	99	29.1	0	106	98	32.1	0	105
2500	Brevant B83R15PW	29	C	97	30.0	0	97	98	27.9	0	101	25.9	0	98	95	30.0	0	98
2500	Country Farm CF201	6	F					103	27.1	0	103	24.8	0	104	103	29.4	0	101
2500	CROPLAN CP2315VT2P/RIB	6	F					105	28.2	0	103	25.4	0	103	108	31.0	0	101
2500	DEKALB DKC33-37RIB	6	L					100	26.8	0	103	24.2	0	104	98	29.4	0	101
2500	DLF PICKSEED PS 2563GSX RIB	8	L	96	33.1	0	99	95	29.4	0	92	28.4	0	97	97	30.4	0	100
2500	PRIDE Seeds A5105	0	F												91	30.8	0	101
2550	De Dell DL 2016	0	-	100	32.0	1	101	102	29.0	0	108	25.7	0	101	96	32.3	0	100
2550	Horizon HZ 2534	27	F	99	32.6	0	101	97	29.6	0	97	28.3	0	99	98	30.9	0	101
2550	Horizon HZ 2536	34	F					92	30.8	0	93	30.6	0	99	92	31.0	0	102
2550	Maizex E53G52 R	6	F	101	29.7	1	102	100	27.9	0	98	25.1	0	104	102	30.6	0	102
2550	Maizex MZ 248X	0	F	101	31.7	0	100	97	29.9	0	96	27.9	0	100	99	31.9	0	103
2550	NK Brand NK8204-3220	27	F					98	30.4	0	93	29.1	0	98	103	31.6	0	102
2550	Pioneer P8537AM	23	L					93	27.6	0	95	25.9	0	100	92	29.2	0	99
2550	Pioneer P8736AM	23	L	108	32.6	0	97	108	29.4	0	108	27.3	0	99	108	31.5	0	98
2575	DEKALB DKC35-37RIB	6	L					105	29.3	0	104	26.2	0	101	107	32.4	0	100
2575	DLF PICKSEED PS 2552RR	4	L	102	32.0	0	99	101	29.5	0	98	28.0	0	100	105	31.0	0	100
2575	PRIDE Seeds A5225G2 RIB	6	F	104	30.5	0	103	99	27.9	0	100	25.6	0	105	99	30.3	0	102
2600	Country Farm CF255	6	F	102	30.1	0	102	103	28.9	0	101	26.6	0	104	105	31.1	0	100
2600	De Dell DL 2104	0	-					98	31.4	0	97	30.5	0	100	100	32.3	0	101
2600	DLF PICKSEED PS 2635VT2P RIB	6	L	104	32.6	0	101	103	30.5	0	104	27.5	0	101	102	33.4	0	101
2600	Maizex MZ 269	0	F					113	28.4	0	110	26.3	0	100	117	30.6	0	101
2600	Maizex MZ 2699DBR	6	F	110	31.8	0	99	110	28.9	0	110	26.7	0	101	111	31.0	0	99

**Table 1: Orangeville, Dundalk**

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CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>			Results of 2020 Performance Trials								
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				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Test <sup>3</sup> Index	Yield Index	Moist %	Ldg %	Test Wt Index	
2600	Pioneer P8820Q	36	L									97	27.0	0	98				
2600	Saatbau SL36044	0	C					100	30.3	0	100	28.1	0	97	99	32.6	0	95	
2625	CROPLAN 2587VT2P/RIB	6	F	100	31.9	1	100	98	28.8	0	103	25.3	0	101	93	32.2	0	101	
2625	DEKALB DKC36-86RIB	6	L					106	29.5	0	104	27.7	0	96	109	31.3	0	98	
2625	DLF PICKSEED PS 2777RR	4	L	101	33.2	0	98	105	29.8	0	101	28.1	0	98	109	31.5	0	99	
2625	Pioneer P8989AM	23	L	105	32.2	0	99	105	29.1	0	107	27.4	0	99	104	30.9	0	99	
2650	Brevant B90J12AM	23	L	99	34.1	1	97	103	30.3	0	99	29.1	0	94	107	31.5	0	100	
2650	CROPLAN 2790VT2P/RIB	6	F					107	30.1	0	105	28.5	0	98	109	31.8	0	98	
2650	DEKALB DKC37-93RIB	6	A	104	32.5	1	99	105	29.1	0	105	26.5	0	97	105	31.6	0	97	
2650	NK Brand NK8519-5222	34	F					91	31.7	0	87	31.1	0	93	94	32.2	0	96	
2650	NK Brand NK8618-5122A	33	F					102	30.2	0	101	27.6	0	99	103	32.7	0	101	
2650	Pioneer P9188AM	23	L	100	31.5	0	99	96	28.8	0	93	26.9	0	99	99	30.7	0	100	
2650	PRIDE Seeds A5404G2 RIB	6	P	106	31.3	1	101	108	29.1	0	109	28.5	0	101	107	29.7	0	100	
2675	CROPLAN CP2851VT2P/RIB	6	F					104	30.3	0	104	28.0	0	97	104	32.6	0	99	
2675	DEKALB DKC38-55RIB	6	L	101	33.2	1	97	98	30.0	0	93	27.4	0	96	102	32.6	0	97	
2675	DLF PICKSEED PS 2790	0	L	98	34.3	1	98	104	30.4	0	104	28.4	0	97	103	32.5	0	101	
2675	Maizex MZ 2982DBR	6	F	112	33.0	1	99	117	30.3	0	117	28.3	0	98	116	32.2	0	99	
2675	PRIDE Seeds A5383G8 RIB	8	P	100	31.6	0	100	104	29.8	0	106	27.9	0	99	101	31.7	0	99	
2700	CROPLAN 2965VT2P/RIB	6	F	97	35.2	0	99	95	31.9	0	92	30.4	0	98	97	33.4	0	99	
2700	DEKALB DKC39-55RIB	6	L					111	31.3	0	115	28.5	0	99	108	34.1	0	100	
2700	DLF PICKSEED PS 2778VT2P RIB	6	L	101	33.7	1	98	103	30.6	0	99	28.6	0	98	106	32.5	0	99	
2700	DLF PICKSEED PS 2793GSX RIB	8	L	96	34.8	0	96	99	30.9	0	98	29.6	0	95	100	32.3	0	98	
2725	NK Brand NK8920-5122	33	F					101	31.1	0	101	29.8	0	93	102	32.5	0	96	
2750	DEKALB DKC41-99RIB	6	L	97	36.3	0	97	105	31.6	0	105	30.2	0	95	105	33.1	0	98	
2750	DEKALB DKC42-05RIB	6	L	100	34.5	1	98	106	30.2	0	107	27.0	0	97	105	33.4	0	98	
2775	DLF PICKSEED PS 2797GSX RIB	8	L					101	32.0	0	104	30.0	0	96	99	33.9	0	98	
LSD (0.10) for Yield Index Points*				5				6			9				9				
Average all hybrids **				200				195			187				202				

<sup>1</sup> Orangeville 2019-2020, Dundalk 2019-2020

<sup>2</sup> Orangeville, Dundalk

<sup>3</sup> Many hybrids at Dundalk did not complete grain filling because of cold weather and early frost in September. This reduced yields and test weights and resulted in faster drydown.

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

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

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

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

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

**Table 2: Elora, Port Hope, Winchester T2, Wingham**

**2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 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 %
2450	Pioneer	P8407AM	23	L	96	21.4	3	104	98	19.7	1	104	91	23.6	0	98	15.1	1	97	18.1	3	105	21.9	0
2550	Maizex	MZ 248X	0	F	100	22.4	3	103	104	20.2	2	104	101	24.1	0	117	16.2	0	95	18.7	6	102	21.8	0
2550	Pioneer	P8537AM	23	L					91	19.8	1	104	86	24.6	0	82	15.4	0	98	17.9	3	101	21.5	0
2550	Pioneer	P8736AM	23	L	100	22.1	2	102	102	20.0	1	101	96	25.3	0	93	15.2	3	106	18.7	1	114	21.0	0
2600	Maizex	MZ 269	0	F					103	19.8	3	103	108	24.4	0	93	15.3	9	98	18.2	0	111	21.3	1
2600	Maizex	MZ 2699DBR	6	F	101	22.6	2	103	101	20.0	1	103	100	25.8	0	101	14.8	4	101	18.0	0	104	21.2	0
2600	Pioneer	P8820Q	36	L					95		1	102	93	24.3	0	96	15.3	1	89	NA	2	101	21.5	0
2625	De Dell	DL 2315	0	-	99	22.5	2	104	101	20.4	1	104	102	24.7	0	109	16.1	1	95	18.6	3	99	22.4	1
2625	DEKALB	DKC36-86RIB	6	L					98	20.4	2	100	99	26.6	0	97	14.8	3	98	18.4	6	97	22.0	0
2625	Pioneer	P8989AM	23	L	99	22.8	3	101	100	20.5	2	101	101	25.8	0	101	15.1	2	98	18.6	4	100	22.7	2
2650	Brevant	B90J12AM	23	L	98	22.9	3	99	98	20.8	1	99	100	26.3	0	96	15.4	1	94	18.6	0	101	22.9	3
2650	Brevant	B91T25AM	23	L					102	21.0	1	100	95	24.9	0	102	16.0	1	102	19.6	2	110	23.4	1
2650	CROPLAN	2790VT2P/RIB	6	F					103	19.9	5	101	100	25.7	0	96	15.3	11	114	18.1	2	102	20.7	6
2650	NK Brand	NK8519-5222	34	F					91	20.2	3	100	94	24.4	0	79	15.8	0	108	18.7	1	85	22.1	12
2650	NK Brand	NK8618-5122A	33	F					105	20.8	1	103	98	24.6	0	115	16.6	0	109	18.8	3	97	23.2	0
2650	Pioneer	P9188AM	23	L	99	23.0	2	101	98	20.3	0	102	96	24.8	0	95	15.9	1	97	19.1	1	105	21.2	0
2675	CROPLAN	CP2851VT2P/RIB	6	F					99	20.4	2	101	104	26.9	0	93	14.6	7	102	18.0	2	98	22.0	0
2675	Maizex	MZ 2982DBR	6	F	106	23.7	2	100	106	21.1	2	100	104	26.2	0	107	16.9	0	111	19.1	6	102	22.2	1
2700	CROPLAN	2965VT2P/RIB	6	F	98	23.2	4	101	97	20.4	4	101	101	25.6	0	86	14.9	9	110	18.5	4	93	22.7	3
2700	DEKALB	DKC39-55RIB	6	L					102	21.0	1	100	108	26.4	0	104	15.6	0	94	18.9	4	103	23.0	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	100	22.5	3	103	98	19.9	1	103	101	25.1	0	95	15.0	0	91	18.4	3	104	21.2	1
2700	DLF PICKSEED	PS 2793GSX RIB	8	L	95	23.9	2	100	95	21.3	1	99	93	28.3	0	98	15.4	0	88	18.4	3	101	23.2	0
2700	Horizon	HZ 3020	14	F					94	21.8	3	99	93	27.7	2	95	16.6	1	91	19.9	4	97	22.8	5
2700	PRIDE Seeds	A5914G2 RIB	6	F	98	23.0	2	100	96	20.9	1	99	97	27.2	0	102	15.6	2	91	18.9	3	92	21.8	0
2725	Brevant	B92R26AM	23	L	101	23.1	2	98	103	20.4	1	98	105	26.5	0	98	15.3	0	103	18.0	5	106	21.9	0
2725	Maizex	MZ 3117DBR	6	F	103	23.6	2	99	105	21.3	0	98	105	28.4	0	109	15.5	0	103	18.5	1	103	22.6	0
2725	NK Brand	NK8920-5122	33	F					97	21.0	1	99	103	25.5	0	91	16.0	0	96	19.4	0	99	23.2	4
2725	Pioneer	P9233AM	23	L					100	21.2	0	103	101	26.3	0	98	16.6	0	100	19.5	2	101	22.5	0
2750	Country Farm	CF340	0	F	98	22.4	3	103	100	20.1	1	104	99	23.3	0	108	16.3	0	100	18.4	3	94	22.5	0
2750	De Dell	DL 3146	0	-	98	22.9	2	101	100	20.4	2	100	100	24.8	0	100	16.0	1	96	18.7	1	102	22.1	5
2750	DEKALB	DKC41-99RIB	6	L	100	23.8	2	99	99	21.7	1	98	96	28.9	0	105	15.0	0	97	18.7	3	100	24.1	0
2750	DEKALB	DKC42-05RIB	6	L	105	23.7	2	100	102	21.7	2	99	105	29.9	0	93	16.3	3	110	18.8	2	102	21.6	2
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	99	23.8	2	99	98	21.8	1	99	95	29.7	0	100	16.1	0	97	18.7	4	102	22.5	0
2750	Horizon	HZ 3245	27	F	94	24.0	3	99	96	21.8	1	99	99	27.3	0	90	16.1	0	97	19.4	3	98	24.4	0
2750	Horizon	HZ 3247	34	F					98	22.0	0	99	98	27.5	0	104	17.0	0	91	19.5	2	99	23.9	0
2750	Maizex	E63G62 R	6	F	104	24.5	2	102	104	21.7	1	103	107	27.4	0	104	16.1	2	105	19.8	2	100	23.3	0
2750	NK Brand	NK9227-5222A	34	F					95	22.2	1	95	95	27.5	0	85	16.5	0	101	19.8	3	100	25.1	0
2750	Pioneer	P9301AM	23	L					103	21.7	0	103	104	28.2	0	99	16.9	0	105	19.6	1	104	21.9	1
2750	PRIDE Seeds	A5925	0	F					104	21.2	1	101	97	27.7	0	111	15.7	0	106	18.3	3	102	23.3	1
2775	Country Farm	398	6	F	100	23.6	3	101	102	21.1	1	100	106	27.8	0	107	15.1	1	103	18.5	2	91	22.9	0

**Table 2: Elora, Port Hope, Winchester T2, Wingham**

**2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 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 %				
2775	DLF PICKSEED PS 2797GSX RIB	8	L					99	21.0	0	99	102	26.1	0	88	15.8	0	105	18.6	1	102	23.3	1				
2775	PRIDE Seeds A6260G8 RIB	8	F												100	16.5	1				100	22.8	0				
2800	Maizex E65G82 R	6	F	101	24.8	2	99	100	21.8	0	98	106	28.5	0	96	16.1	0	102	19.1	1	96	23.4	0				
2800	Pioneer P9404AM	23	L	103	23.7	3	101	100	21.4	2	101	90	26.8	0	102	16.6	1	105	19.5	6	104	22.7	2				
2800	PRIDE Seeds A6018G2 RIB	6	F	100	24.7	4	99	100	21.9	2	99	96	29.3	0	100	15.5	1	103	18.9	1	102	24.0	6				
2825	Brevant B95R46AM	23	L	102	25.8	2	95	102	22.2	1	96	107	27.4	0	100	15.6	0	102	20.1	3	99	25.8	0				
2825	CROPLAN 3575VT2P/RIB	6	F	95	25.8	2	99	97	22.7	0	99	95	29.8	0	101	15.9	1	98	19.0	0	94	25.9	0				
2825	De Dell DL 3808	0	-					98	23.2	1	98	97	31.5	0	101	16.6	1	99	19.7	2	96	25.0	1				
2825	Horizon HZ 3295	28	F	98	25.5	2	97	97	23.1	1	97	90	29.8	0	109	17.0	0	90	20.0	3	98	25.6	0				
2825	PRIDE Seeds A6455G8 RIB	8	F	98	23.8	3	98	99	21.6	1	98	103	28.9	0	96	15.7	1	100	18.5	5	96	23.5	0				
2850	Country Farm CF430	0	F	96	23.3	3	102	97	21.1	1	103	98	26.6	0	99	16.2	1	94	19.0	2	98	22.5	1				
2850	DEKALB DKC44-80RIB	6	L	105	25.0	2	98	106	22.0	1	98	110	29.8	0	101	16.3	1	107	18.9	1	107	23.0	2				
2850	DLF PICKSEED PS 2815	0	L	102	25.5	3	99	102	22.5	1	98	99	30.6	0	105	15.7	2	102	18.6	1	102	24.9	0				
2850	NK Brand NK9535 3220	27	F	102	25.7	3	100	102	23.9	0	100	110	31.7	0	104	17.3	0	105	20.0	0	90	26.5	1				
2850	NK Brand NK9610-5122	33	F					96	23.6	3	96	99	30.5	0	106	17.3	0	89	19.0	6	89	27.5	4				
2850	NK Brand NK9653-5222	34	F					97	22.9	0	99	101	30.4	0	84	17.2	0	103	19.0	1	103	25.1	0				
2850	Pioneer P9608AM	23	L	100	25.4	3	101	102	23.0	1	102	98	30.4	0	115	17.3	0	108	19.6	5	89	24.7	1				
2850	PRIDE Seeds A6572G2 RIB	6	F	101	25.1	2	99	100	22.0	1	100	102	28.7	0	99	16.0	0	100	18.6	3	101	24.6	1				
2875	Country Farm CF202	8	F					107	22.6	1	99	107	30.7	0	118	16.3	1	99	19.2	0	105	24.2	1				
2875	Country Farm CF453	6	F	101	24.8	2	100	103	22.1	1	100	101	29.0	0	111	16.0	0	97	18.7	2	104	24.5	0				
2875	DEKALB DKC45-65RIB	8	L	100	25.9	2	99	103	22.8	1	99	106	30.9	0	102	16.1	1	108	19.1	3	95	25.3	0				
2875	DLF PICKSEED PS 2818GSX RIB	8	L	98	25.9	2	98	98	22.8	0	98	96	31.0	0	92	15.5	0	111	18.8	0	96	25.9	0				
2900	CROPLAN CP3735VT2P/RIB	6	F					100	23.1	0	101	98	30.5	0	101	15.8	0	107	19.6	1	94	26.5	1				
2900	DEKALB DKC46-40RIB	6	L					107	22.0	0	100	112	29.3	0	109	16.8	1	93	19.4	1	110	22.5	0				
2900	NK Brand NK9738-5222	34	F					92	22.9	1	98	94	29.2	0	90	17.4	0	82	20.2	3	99	24.9	0				
2925	DEKALB DKC47-55RIB	6	L	102	25.5	2	101	102	23.1	1	101	96	31.1	0	102	17.1	0	98	19.4	4	111	24.6	0				
2925	Pioneer P9840AM	23	L	107	26.1	3	96	110	23.4	2	96	107	30.6	0	117	17.2	6	108	21.2	0	106	24.5	2				
2950	DEKALB DKC48-28RIB	6	L	98	26.8	2	96	98	23.4	0	96	104	30.9	0	101	15.8	0	99	19.3	1	89	27.8	0				
LSD (0.10) for Yield Index Points*				4				6				11				15				11				9			
Average all hybrids **				200	24.1	2	67	198	21.5	1	69	208	27.6	0	210	16.0	1	175	19.0	2	198	23.4	1				

<sup>1</sup> Elora 2019-2020, Port Hope T2 2020, Winchester T2 2019-2020, Wingham 2019-2020    <sup>2</sup> Elora, Port Hope T2, 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.

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.

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

**2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials								
					average of 4 trials				average of 3 trials				BAINSVILLE			IROQUOIS			WINCHESTER		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	Pioneer	P8820Q	36	L					96		0	102	100	17.9	0	101	20.4	0	86	NA	1
2625	Pioneer	P8989AM	23	L	100	21.0	4	101	100	19.3	1	101	98	18.2	1	103	20.2	0	100	19.5	3
2650	Brevant	B90J12AM	23	L	99	20.9		102	99	19.3	0	103	104	17.5	0	93	21.2	0	99	19.3	0
2650	Brevant	B91T25AM	23	L					105	19.5	1	100	99	17.9	0	110	20.5	0	104	20.2	2
2650	Pioneer	P9188AM	23	L	100	19.8	6	103	99	18.1	1	102	92	17.6	0	102	17.4	3	101	19.4	0
2675	CROPLAN	CP2851VT2P/RIB	6	F					101	17.1	2	105	100	16.4	2	103	16.3	2	102	18.6	2
2700	CROPLAN	2965VT2P/RIB	6	F	102	20.2	3	103	101	17.9	1	103	99	17.3	0	99	16.7	0	106	19.6	3
2725	Brevant	B92R26AM	23	L	103	20.6		99	102	18.5	1	100	97	16.6	0	106	19.6	1	102	19.4	1
2725	Maizex	MZ 3117DBR	6	F	104	20.2	3	101	104	17.4	0	101	103	17.1	0	107	16.1	0	103	19.1	0
2725	NK Brand	NK8920-5122	33	F					93	18.9	0	100	95	18.3	0	86	18.1	0	98	20.5	1
2725	Pioneer	P9233AM	23	L					108	19.2	0	101	105	17.9	0	113	19.7	0	105	20.1	1
2750	Horizon	HZ 3245	27	F	99	21.2		102	100	18.9	1	102	102	18.7	0	100	18.3	0	97	19.9	3
2750	Horizon	HZ 3247	34	F					97	19.6	1	101	100	18.9	0	97	19.0	0	94	21.0	2
2750	Maizex	E63G62 R	6	F	97	21.6		104	96	18.9	1	105	94	19.2	0	93	17.5	3	103	19.9	0
2750	NK Brand	NK9227-5222A	34	F					94	19.3	1	96	93	18.3	0	95	19.1	0	94	20.6	3
2750	Pioneer	P9301AM	23	L					102	19.6	2	102	112	18.6	0	92	19.7	5	104	20.4	0
2775	Maizex	MZ 3397SMX	8	F	97	21.6	3	100	96	18.4	0	101	95	18.1	0	94	17.6	0	98	19.6	1
2800	Maizex	E65G82 R	6	F	106	21.3	3	100	107	18.9	0	100	107	19.0	0	108	18.2	0	106	19.6	0
2800	Pioneer	P9404AM	23	L	101	21.5	4	100	98	19.6	2	100	99	18.1	0	93	20.6	0	102	20.0	6
2825	Brevant	B95R46AM	23	L	96	23.4	3	96	100	20.1	0	97	100	18.4	0	101	19.8	0	99	22.0	0
2825	CROPLAN	3575VT2P/RIB	6	F	102	21.3	3	102	103	17.9	0	102	105	17.2	0	106	16.6	0	99	19.9	0
2825	De Dell	DL 3808	0	-					98	19.2	1	99	95	18.4	0	100	18.1	0	97	21.2	2
2825	Horizon	HZ 3295	28	F	96	23.2	4	98	97	20.1	1	99	100	19.0	1	100	19.7	1	91	21.6	2
2825	PRIDE Seeds	A6455G8 RIB	8	F	94	20.1	3	97	92	17.5	1	98	78	16.7	0	102	16.6	0	94	19.1	2
2850	Country Farm	CF430	0	F	96	20.9	6	101	97	18.7	1	102	96	18.4	0	103	18.3	1	91	19.4	3
2850	DEKALB	DKC44-80RIB	6	L	107	21.3	3	100	109	17.8	0	100	113	18.0	0	100	16.2	0	115	19.3	0
2850	DLF PICKSEED	PS 2815	0	L	102	21.7	8	101	104	18.6	1	101	111	18.0	0	103	17.6	1	98	20.1	1
2850	Horizon	HZ 3584	34	F					95	19.8	1	94	90	19.1	0	100	19.2	0	94	21.2	3
2850	NK Brand	NK9535 3220	27	F	109	22.3	6	102	113	19.5	1	103	115	18.9	2	122	18.1	0	102	21.5	1
2850	NK Brand	NK9610-5122	33	F					92	20.6	1	95	83	20.7	0	98	19.5	0	94	21.7	2
2850	NK Brand	NK9653-5222	34	F					93	19.4	0	100	89	19.2	0	94	18.4	0	97	20.7	0
2850	Pioneer	P9608AM	23	L	97	22.5	6	102	99	20.3	1	102	95	20.2	0	100	18.3	1	101	22.5	2
2850	PRIDE Seeds	A6572G2 RIB	6	F	104	21.0		102	105	18.1	1	102	108	17.4	1	102	17.2	0	103	19.7	1
2875	Country Farm	CF202	8	F					101	18.3	0	101	103	17.6	0	102	16.8	0	99	20.5	0
2875	Country Farm	CF453	6	F	100	21.1	3	102	102	17.8	0	103	102	17.2	0	98	16.6	0	105	19.7	1
2875	Country Farm	CF458	8	F	95	21.8	3	100	94	18.7	0	100	87	18.5	0	92	17.7	0	102	19.8	1
2875	CROPLAN	3899VT2P/RIB	6	L	99	22.8		99	100	19.0	0	100	110	18.4	0	91	18.1	0	101	20.6	0
2875	DEKALB	DKC45-65RIB	8	L	96	21.8	3	100	97	18.4	0	101	94	17.5	0	99	17.8	0	98	19.9	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	94	22.2	5	100	97	18.5	0	101	93	17.9	0	98	17.2	0	98	20.4	0
2875	Maizex	MZ 3690DBR	6	F	99	22.0	3	98	100	18.5	1	99	108	17.8	0	94	17.0	0	99	20.9	2
2875	PRIDE Seeds	A6585G8 RIB	8	F					95	18.0	0	101	96	17.0	0	93	17.1	0	97	20.0	1
2900	CROPLAN	CP3735VT2P/RIB	6	F					100	18.4	0	102	96	17.4	0	98	17.0	0	106	20.8	0

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

**2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials								
					average of 4 trials				average of 3 trials				BAINSVILLE			IROQUOIS			WINCHESTER		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2900	DEKALB	DKC46-40RIB	6	L					108	18.9	1	103	113	18.0	0	106	18.2	2	106	20.6	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	98	22.0	3	102	97	18.6	0	102	87	18.1	0	103	17.0	0	102	20.8	1
2900	Horizon	HZ 3787	27	F	95	23.3	3	97	96	20.0	1	97	92	19.7	1	105	19.2	0	90	21.0	3
2900	NK Brand	NK9738-5222	34	F					95	19.8	1	99	96	18.9	0	96	19.0	0	94	21.5	2
2900	PRIDE Seeds	A6694G2 RIB	6	F	103	21.6		101	103	18.5	1	101	112	18.0	0	98	17.3	0	101	20.1	1
2900	PRIDE Seeds	A6777G2 RIB	6	F	97	22.8	3	100	99	18.8	0	101	93	17.9	0	101	17.1	0	102	21.4	0
2925	Brevant	B98D25AM	23	L	98	24.0	5	99	97	20.5	0	99	91	20.2	0	97	20.4	1	102	21.0	1
2925	Country Farm	CF487	6	F	100	22.5	5	99	101	18.3	0	100	98	16.9	0	98	16.7	0	107	21.4	1
2925	DEKALB	DKC47-55RIB	6	L	98	21.2		102	97	18.3	0	102	99	17.5	0	95	16.9	0	98	20.5	0
2925	Maizex	E67H92 R	6	F	102	23.8	3	99	103	20.0	0	99	107	19.2	0	98	18.8	1	105	22.0	0
2925	Maizex	E67H95	0	F	103	22.7	3	99	104	19.4	1	100	107	18.9	1	100	17.7	0	105	21.5	1
2925	Maizex	MZ 3818DBR	6	F	109	22.9	5	101	111	19.1	0	101	122	18.6	0	107	17.1	0	104	21.7	1
2925	Maizex	MZ 3877SMX	8	F	99	22.9		99	100	18.9	1	100	104	18.0	0	96	18.0	0	99	20.7	2
2925	Pioneer	P9840AM	23	L	105	24.6		96	107	21.4	1	96	108	20.9	0	102	20.1	1	112	23.3	0
2950	Country Farm	CF203	8	F					97	17.6	0	98	98	16.8	0	95	16.1	0	99	19.8	1
2950	CROPLAN	3909SS/RIB	8	F					98	19.6	0	100	101	19.2	1	92	18.5	0	103	21.1	1
2950	DEKALB	DKC48-28RIB	6	L	103	22.0	3	99	103	18.5	0	99	106	17.5	0	100	17.0	1	103	21.1	0
2950	DEKALB	DKC48-56RIB	8	L	101	22.2	3	100	102	19.0	0	100	94	18.6	0	111	18.1	0	100	20.3	0
2950	Pioneer	P9946AML	23	L	100		5	101	101		0	102	110	19.2	0	104	20.1	0	89	NA	0
2950	Pioneer	P9998AM	23	L	101	24.8		98	101	21.8	0	98	97	22.2	0	103	19.1	0	104	24.2	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	94	22.8	8	99	95	19.0	0	100	94	18.9	0	91	17.4	0	100	20.6	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	104	22.4		101	107	18.8	0	102	110	18.6	0	104	17.3	0	106	20.6	0
2975	DEKALB	DKC49-09RIB	6	L	95	22.9	3	100	93	18.7	0	100	90	18.3	0	90	17.0	0	99	20.8	0
2975	DEKALB	DKC49-44RIB	8	L	99	23.0	3	100	102	18.9	0	100	103	18.5	0	101	17.5	0	102	20.6	1
2975	DLF PICKSEED	PS 2955GSX RIB	8	L					93	18.4	0	100	98	18.2	1	87	16.8	0	94	20.2	0
2975	Maizex	MZ 4040DBR	6	F	105	25.0	3	99	107	20.5	0	100	107	19.8	0	105	17.5	0	110	24.4	0
2975	Maizex	MZ 4280DBR	6	F	102	23.3	3	99	102	20.5	1	100	99	20.8	1	101	19.0	0	108	21.8	1
3000	Brevant	B00R96AM	23	L	100	26.1	3	97	105	22.1	0	97	106	20.8	0	103	20.4	0	107	25.1	0
3000	Country Farm	CF598	8	F	99	22.7	4	101	100	19.1	2	102	101	18.6	0	102	18.1	3	97	20.7	3
3000	CROPLAN	4188VT2P/RIB	6	F	100	23.3		99	102	19.5	0	99	101	19.1	0	99	17.7	1	106	21.7	0
3000	NK Brand	NK9991-5122	33	F					97	20.6	1	98	97	20.2	0	101	20.0	0	94	21.7	2
3000	Pioneer	P0075AM	23	L	104	26.4		97	109	22.6	1	95	103	22.1	1	115	19.4	0	106	26.2	1
3050	DEKALB	DKC51-98RIB	8	L					100	19.4	1	98	102	19.1	1	95	18.1	0	102	20.9	1
3050	Pioneer	P0157AMXT	24	L	91		3	100	91		1	100	88	21.4	0	108	20.2	0	75	NA	3
3075	NK Brand	NK0243-5122	33	F					98	22.2	0	93	97	20.6	0	102	20.3	0	96	25.6	1
3100	Maizex	MZ 4158DBR	6	F	100	23.1	3	97	102	19.3	0	97	99	18.3	0	106	18.3	0	102	21.4	1
3100	NK Brand	NK0472-5222	34	F					97	22.8	0	98	109	21.6	0	92	21.8	0	90	25.0	1
LSD (0.10) for Yield Index Points*					5				6				13			12			6		
Average all hybrids **					196 22.3 4 68				189 19.2 1 70				183 18.6 0			201 18.3 0			182 20.9 1		

<sup>1</sup> Bainsville 2020, Iroquois 2020, Winchester 2019-2020

<sup>2</sup> Bainsville, Iroquois, 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.

Table 3W: Blyth, Port Hope, Waterloo

## 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			WATERLOO		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2625	Pioneer	P8989AM	23	L	98	23.1	3	103	98	21.6	3	103	96	23.9	6	101	15.8	0	96	25.2	3
2650	Brevant	B90112AM	23	L	98	23.8	1	101	98	22.0	1	101	95	24.3	3	101	16.4	0	97	25.3	0
2650	Brevant	B91T25AM	23	L					97	22.2	1	102	104	23.5	3	97	16.9	1	90	26.1	0
2650	Pioneer	P9188AM	23	L	97	23.5	2	104	94	21.5	2	104	93	23.3	1	91	16.8	4	97	24.3	2
2725	Brevant	B92R26AM	23	L	100	24.0	0	100	99	21.5	0	100	107	24.0	0	86	15.6	0	103	24.8	0
2725	Maizex	MZ 3117DBR	6	F	102	25.0	1	99	104	22.7	2	99	103	24.4	3	109	16.8	4	101	26.8	0
2725	NK Brand	NK8920-5122	33	F					95	23.0	1	99	93	24.9	3	94	16.6	0	96	27.5	0
2725	Pioneer	P9233AM	23	L					100	22.4	1	103	101	24.3	2	95	17.0	1	103	26.0	0
2750	Horizon	HZ 3245	27	F	97	25.1	1	101	99	23.4	0	101	99	25.3	0	97	17.2	0	99	27.7	0
2750	Horizon	HZ 3247	34	F					99	22.7	0	101	101	25.4	0	92	17.4	0	103	25.4	0
2750	Maizex	E63G62 R	6	F	98	25.5	0	103	100	23.4	0	104	97	24.8	0	97	17.1	0	105	28.3	0
2750	NK Brand	NK9227-5222A	34	F					94	23.8	1	98	99	26.2	1	88	17.1	3	95	28.2	0
2750	Pioneer	P9301AM	23	L					98	22.8	1	105	98	24.1	2	93	17.7	2	101	26.6	0
2775	Maizex	MZ 3397SMX	8	F	100	25.0	1	100	97	23.0	1	100	103	24.3	1	93	16.7	3	95	28.0	0
2800	Maizex	E65G82 R	6	F	100	25.8	1	100	100	23.4	1	99	100	24.7	0	96	17.0	1	105	28.4	1
2800	Pioneer	P9404AM	23	L	98	24.9	0	102	96	22.9	0	102	95	25.7	1	98	17.6	0	94	25.4	0
2825	Brevant	B95R46AM	23	L	99	26.0	1	98	99	24.0	0	98	103	25.7	0	97	16.6	0	96	29.8	0
2825	CROPLAN	3575VT2P/RIB	6	F	102	26.4	1	101	100	23.9	1	101	96	26.1	0	109	16.8	2	96	28.7	0
2825	Horizon	HZ 3295	28	F	100	26.2	2	98	96	23.9	1	98	98	26.7	1	93	17.3	1	98	27.7	1
2825	PRIDE Seeds	A6455G8 RIB	8	F	99	24.8	0	100	101	22.6	0	100	103	24.2	0	95	16.6	0	104	27.0	0
2850	Country Farm	CF430	0	F												105	16.8	1	102	24.8	0
2850	DEKALB	DKC44-80RIB	6	L	105	25.8	3	99	104	23.4	3	100	107	25.7	2	104	16.6	3	102	28.0	3
2850	DLF PICKSEED	PS 2815	0	L												112	17.1	0	100	29.2	0
2850	Horizon	HZ 3584	34	F					99	24.7	2	97	101	26.8	0	96	17.9	4	101	29.4	1
2850	NK Brand	NK9535 3220	27	F	101	26.3	1	102	101	23.7	1	103	104	25.0	1	97	17.6	1	102	28.6	0
2850	NK Brand	NK9610-5122	33	F					95	25.0	2	98	86	27.4	1	101	17.7	4	97	29.9	0
2850	NK Brand	NK9653-5222	34	F					99	24.9	0	101	102	25.6	0	96	18.4	0	97	30.8	0
2850	Pioneer	P9608AM	23	L	95	26.1	0	102	99	24.6	0	102	91	26.1	0	103	17.5	0	101	30.3	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	26.1	1	100	100	23.6	1	100	103	25.7	0	100	16.6	2	97	28.6	0
2875	Country Farm	CF202	8	F					103	24.3	0	100	104	25.7	0	111	16.9	0	94	30.4	0
2875	Country Farm	CF453	6	F	93	25.8	0	101	96	23.1	0	101	97	25.3	0	92	16.6	1	98	27.5	0
2875	Country Farm	CF458	8	F	100	25.5	1	101	99	23.2	1	101	100	25.0	2	96	17.9	1	99	26.8	0
2875	CROPLAN	3899VT2P/RIB	6	L	104	28.3	1	98	103	25.4	1	99	101	26.9	3	109	18.0	0	99	31.3	0
2875	DEKALB	DKC45-65RIB	8	L	102	27.2	0	100	104	23.8	0	100	104	25.0	0	105	17.4	1	103	29.1	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	100	26.3	0	99	99	23.3	0	99	99	25.4	0	97	16.3	0	102	28.1	0
2875	Maizex	MZ 3690DBR	6	F	100	26.2	1	98	100	23.6	1	98	88	25.2	1	104	16.6	1	108	28.9	0
2875	PRIDE Seeds	A6585G8 RIB	8	F					94	24.8	1	100	97	26.3	1	94	17.9	0	90	30.2	2
2900	CROPLAN	CP3735VT2P/RIB	6	F					95	25.0	2	100	96	25.8	0	100	19.1	0	88	30.1	6
2900	DEKALB	DKC46-40RIB	6	L					105	24.2	1	100	106	24.5	3	105	18.2	0	104	29.9	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	97	26.6	1	101	92	24.5	1	101	96	25.6	1	88	16.7	1	91	31.3	0
2900	Horizon	HZ 3787	27	F	100	27.3	1	99	99	25.0	2	99	102	28.1	1	103	18.3	0	93	28.5	5
2900	NK Brand	NK9738-5222	34	F					103	24.2	0	100	111	26.0	0	95	18.3	1	102	28.2	0

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

**2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			WATERLOO		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2900	PRIDE Seeds	A6694G2 RIB	6	F	104	26.6	1	101	104	24.1	1	100	106	26.8	2	102	17.5	2	105	27.9	0
2900	PRIDE Seeds	A6777G2 RIB	6	F	98	27.1	1	101	99	24.5	0	101	92	25.4	1	104	16.7	0	100	31.5	0
2925	Brevant	B98D25AM	23	L	98	27.3	0	100	98	25.2	0	100	104	26.6	0	90	18.7	0	100	30.3	0
2925	Country Farm	CF487	6	F	97	27.3	0	99	96	24.3	1	100	95	26.7	1	94	15.3	1	99	31.0	0
2925	DEKALB	DKC47-55RIB	6	L	100	26.7	0	102	102	24.1	0	102	105	25.5	1	110	17.9	0	92	28.8	0
2925	Maizex	E67H92 R	6	F	103	28.1	0	99	102	25.7	0	99	102	27.0	0	100	18.2	0	103	31.8	0
2925	Maizex	E67H95	0	F												105	18.0	0	99	30.6	0
2925	Maizex	MZ 3818DBR	6	F	101	27.4	0	99	100	24.6	0	99	98	27.0	0	98	17.1	0	102	29.8	0
2925	Maizex	MZ 3877SMX	8	F	99	26.9	1	99	99	24.8	1	99	105	25.8	1	94	17.8	2	98	30.8	0
2925	Pioneer	P9840AM	23	L	104	26.6	1	98	105	24.5	2	98	103	26.7	1	110	17.5	4	102	29.4	0
2950	Country Farm	CF203	8	F					98	23.7	0	98	97	25.8	0	94	17.4	0	103	28.0	0
2950	CROPLAN	3909SS/RIB	8	F					102	25.2	1	99	97	27.2	1	106	17.6	2	101	30.7	0
2950	De Dell	DL 4555	0	-												102	20.3	0	98	30.9	0
2950	DEKALB	DKC48-28RIB	6	L	98	26.7	2	100	98	24.1	3	100	103	26.3	0	94	16.4	8	99	29.7	0
2950	DEKALB	DKC48-56RIB	8	L	102	27.1	1	100	101	24.0	2	100	98	25.4	4	101	17.9	1	103	28.8	0
2950	Pioneer	P9946AML	23	L	100	27.4	1	101	102	24.8	1	102	102	26.3	2	109	18.7	1	97	29.3	0
2950	Pioneer	P9998AM	23	L	100	28.1	0	100	104	26.1	0	101	106	27.5	0	104	19.3	0	103	31.6	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	98	28.6	1	99	95	25.8	1	100	104	27.8	4	85	17.6	0	97	32.1	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	101	27.8	1	100	102	25.0	1	100	96	27.7	1	108	17.1	3	102	30.1	0
2975	DEKALB	DKC49-09RIB	6	L	97	27.9	0	100	99	25.2	0	100	97	27.4	0	96	17.1	1	102	31.2	0
2975	DEKALB	DKC49-44RIB	8	L	101	28.4	0	100	102	25.3	0	101	100	27.0	0	108	18.5	0	99	30.3	0
2975	DLF PICKSEED	PS 2955GSX RIB	8	L					96	24.8	1	99	103	26.5	1	88	18.7	1	98	29.1	0
2975	Maizex	MZ 4040DBR	6	F	107	29.0	1	99	108	26.6	1	99	108	28.5	3	108	17.8	0	108	33.5	0
2975	Maizex	MZ 4280DBR	6	F	105	27.5	2	100	105	25.2	2	100	103	26.8	3	106	19.3	1	107	29.5	0
3000	Brevant	B00R96AM	23	L	102	28.3	1	99	106	26.5	0	99	108	28.3	0	100	19.3	0	110	31.8	0
3000	Country Farm	CF598	8	F	99	27.4	1	102	100	24.0	1	102	95	25.8	0	99	17.5	2	106	28.7	0
3000	CROPLAN	4188VT2P/RIB	6	F	100	29.6	0	98	102	27.3	0	98	96	28.9	0	108	19.1	0	102	34.0	0
3000	Horizon	HZ 4010	27	F	99	28.3	1	99	98	26.5	1	99	99	29.4	0	97	16.7	3	99	33.4	0
3000	NK Brand	NK9991-5122	33	F					104	25.4	0	100	103	26.4	0	107	18.7	0	102	31.2	0
3000	Pioneer	P0075AM	23	L	102	30.3	0	97	103	28.0	1	98	98	30.0	1	109	19.5	1	102	34.6	0
3025	CROPLAN	4188SS/RIB	8	F					100	25.2	0	97	100	27.1	0	100	18.0	0	99	30.6	0
3025	Horizon	HZ 4101	27	F	94	29.5	1	98	93	26.4	1	98	97	28.9	0	88	18.4	4	93	32.0	0
3050	CROPLAN	CP4265VT2P/RIB	6	F					104	26.8	0	99	95	29.9	1	109	18.6	0	107	31.9	0
3050	DEKALB	DKC51-98RIB	8	L					104	25.2	1	99	104	26.5	1	101	18.3	1	108	30.9	0
3050	Pioneer	P0157AMXT	24	L	96	29.0	0	100	99	26.7	0	101	99	26.7	0	96	19.8	1	103	33.5	0
3075	NK Brand	NK0243-5122	33	F					110	26.5	1	96	107	28.6	1	120	19.4	2	103	31.5	0
3100	Maizex	MZ 4158DBR	6	F	106	28.8	2	97	108	26.1	3	97	100	27.4	8	114	19.0	0	110	31.8	1
3100	NK Brand	NK0472-5222	34	F					97	27.9	1	100	94	29.9	2	100	20.6	0	97	33.1	0
LSD (0.10) for Yield Index Points*					5				6				7			13			7		
Average all hybrids **					226	26.8	1	68	222	24.4	1	68	209	26.2	1	222	17.7	1	235	29.4	0

<sup>1</sup> Blyth 2019-2020, Port Hope 2020, Waterloo 2019-2020

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

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

\* 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.



**Table 4: Exeter, Ilderton, Woodstock, Belmont 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials											
					average of 5 trials				average of 4 trials				BELMONT			EXETER			ILDERTON			WOODSTOCK		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2825	Brevant	B95R46AM	23	L					<b>100</b>	<b>23.6</b>	<b>0</b>	<b>99</b>	102	22.0	0	99	24.7	0	94	23.6	0	102	24.1	2
2850	NK Brand	NK9535 3220	27	F	<b>103</b>	<b>25.2</b>	<b>1</b>	<b>103</b>	<b>103</b>	<b>24.1</b>	<b>1</b>	<b>103</b>	109	22.4	0	90	24.5	1	111	24.4	0	104	25.0	2
2850	NK Brand	NK0243	33	F					<b>95</b>	<b>24.4</b>	<b>0</b>	<b>99</b>	95	23.3	0	88	25.3	1	95	23.6	0	104	25.3	1
2850	NK Brand	NK9653-5222	34	F					<b>94</b>	<b>23.3</b>	<b>0</b>	<b>103</b>	94	22.2	0	97	24.4	0	88	22.7	0	96	23.7	0
2850	Pioneer	P9608AM	23	L	<b>94</b>	<b>24.8</b>	<b>0</b>	<b>103</b>	<b>94</b>	<b>24.2</b>	<b>0</b>	<b>103</b>	93	22.8	0	102	24.3	0	88	24.0	0	94	25.8	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	<b>100</b>	<b>25.6</b>	<b>1</b>	<b>103</b>	<b>100</b>	<b>24.8</b>	<b>1</b>	<b>103</b>	98	22.6	0	98	25.4	0	109	25.8	0	97	25.6	2
2900	NK Brand	NK9738-5222	34	F					<b>92</b>	<b>24.0</b>	<b>1</b>	<b>102</b>	93	22.7	0	97	24.4	0	91	23.1	0	86	25.7	4
2925	Brevant	B98D25AM	23	L	<b>100</b>	<b>25.3</b>	<b>0</b>	<b>101</b>	<b>98</b>	<b>24.1</b>	<b>0</b>	<b>102</b>	101	22.4	0	99	24.3	0	90	23.7	0	102	26.2	0
2925	Country Farm	CF487	6	F	<b>98</b>	<b>25.6</b>	<b>0</b>	<b>101</b>	<b>98</b>	<b>24.5</b>	<b>0</b>	<b>101</b>	99	22.3	0	100	24.8	0	96	24.7	0	99	26.3	0
2925	Maizex	MZ 3818DBR	6	F	<b>97</b>	<b>26.5</b>	<b>0</b>	<b>100</b>	<b>99</b>	<b>25.5</b>	<b>0</b>	<b>100</b>	95	23.3	0	102	25.0	0	99	26.2	0	101	27.3	0
2925	Maizex	MZ 3877SMX	8	F	<b>100</b>	<b>26.1</b>	<b>0</b>	<b>100</b>	<b>99</b>	<b>24.6</b>	<b>0</b>	<b>101</b>	103	22.5	0	101	24.2	0	92	25.0	0	100	26.7	0
2925	Pioneer	P9840AM	23	L	<b>99</b>	<b>25.0</b>	<b>1</b>	<b>98</b>	<b>102</b>	<b>24.0</b>	<b>0</b>	<b>99</b>	95	22.9	0	105	24.6	0	96	23.0	1	111	25.7	0
2950	Country Farm	CF203	8	F					<b>106</b>	<b>24.2</b>	<b>0</b>	<b>100</b>	106	22.6	0	107	24.1	0	105	24.3	0	106	25.6	0
2950	Pioneer	P9946AML	23	L	<b>97</b>	<b>26.1</b>	<b>0</b>	<b>102</b>	<b>97</b>	<b>25.0</b>	<b>0</b>	<b>103</b>	95	22.3	0	100	24.9	0	95	26.0	0	97	26.7	0
2950	Pioneer	P9998AM	23	L	<b>105</b>	<b>26.8</b>	<b>0</b>	<b>100</b>	<b>106</b>	<b>25.9</b>	<b>0</b>	<b>100</b>	109	24.1	0	104	24.4	0	100	26.9	0	109	28.3	0
2950	PRIDE Seeds	A6757G8 RIB	8	F									96	23.6	0				99	26.1	0	99	26.9	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	<b>99</b>	<b>26.8</b>	<b>0</b>	<b>100</b>	<b>99</b>	<b>25.9</b>	<b>0</b>	<b>101</b>	103	22.8	0	97	24.8	0	101	27.1	0	94	29.0	0
2975	DEKALB	DKC49-09RIB	6	L	<b>105</b>	<b>26.1</b>	<b>0</b>	<b>101</b>	<b>106</b>	<b>24.8</b>	<b>0</b>	<b>102</b>	107	23.1	0	102	25.3	0	107	25.8	0	109	25.1	0
2975	DEKALB	DKC49-44RIB	8	L	<b>102</b>	<b>26.2</b>	<b>0</b>	<b>101</b>	<b>103</b>	<b>24.9</b>	<b>0</b>	<b>101</b>	101	22.9	0	103	25.0	0	98	25.2	0	108	26.5	1
2975	DLF PICKSEED	PS 2955GSX RIB	8	L					<b>98</b>	<b>24.4</b>	<b>0</b>	<b>102</b>	91	22.4	0	104	24.9	0	98	24.4	0	99	25.9	0
2975	Maizex	MZ 4040DBR	6	F	<b>105</b>	<b>28.3</b>	<b>0</b>	<b>99</b>	<b>104</b>	<b>27.6</b>	<b>0</b>	<b>98</b>	108	24.9	0	101	27.9	0	109	28.2	0	98	29.2	0
2975	Maizex	MZ 4049SMX	8	F	<b>103</b>	<b>27.2</b>	<b>0</b>	<b>100</b>	<b>104</b>	<b>25.7</b>	<b>0</b>	<b>100</b>	101	24.1	0	104	26.1	0	114	25.6	0	99	27.0	0
3000	Brevant	B00R96AM	23	L	<b>102</b>	<b>27.3</b>	<b>0</b>	<b>100</b>	<b>104</b>	<b>26.4</b>	<b>0</b>	<b>100</b>	111	23.9	0	104	26.0	0	89	27.6	0	109	28.0	0
3000	Country Farm	CF598	8	F	<b>99</b>	<b>25.5</b>	<b>0</b>	<b>103</b>	<b>100</b>	<b>24.3</b>	<b>0</b>	<b>103</b>	99	22.6	0	94	24.9	0	100	23.8	0	106	25.9	0
3000	CROPLAN	4188VT2P/RIB	6	F	<b>101</b>	<b>28.1</b>	<b>0</b>	<b>98</b>	<b>103</b>	<b>26.9</b>	<b>0</b>	<b>98</b>	101	24.1	0	104	26.9	0	106	28.0	0	100	28.5	0
3000	Horizon	HZ 4010	27	F									98	24.0	0				107	25.9	0	102	28.0	0
3000	NK Brand	NK9991-5122	33	F					<b>105</b>	<b>25.5</b>	<b>0</b>	<b>100</b>	99	23.2	0	103	24.8	0	107	26.7	0	111	27.2	0
3000	Pioneer	P0075AM	23	L	<b>103</b>	<b>27.7</b>	<b>0</b>	<b>97</b>	<b>103</b>	<b>26.4</b>	<b>0</b>	<b>97</b>	104	23.8	0	102	26.5	0	106	27.1	0	100	28.3	0
3025	CROPLAN	4188SS/RIB	8	F					<b>98</b>	<b>25.7</b>	<b>0</b>	<b>98</b>	95	22.3	0	95	27.2	0	100	25.1	0	102	28.1	0
3025	Horizon	HZ 4101	27	F	<b>94</b>	<b>27.1</b>	<b>0</b>	<b>100</b>	<b>94</b>	<b>25.6</b>	<b>0</b>	<b>100</b>	99	23.6	0	97	25.6	1	96	25.9	0	83	27.2	0
3050	CROPLAN	CP4265VT2P/RIB	6	F									99	24.3	0				109	25.8	0	106	30.1	0
3050	De Dell	DL 5472	0	-									97	24.5	0				99	29.0	0	90	30.2	1
3050	DEKALB	DKC51-98RIB	8	L					<b>102</b>	<b>25.1</b>	<b>0</b>	<b>99</b>	105	22.6	0	104	24.9	0	97	25.7	0	103	27.0	0
3050	Pioneer	P0157AMXT	24	L	<b>98</b>	<b>27.0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>25.8</b>	<b>0</b>	<b>101</b>	98	23.0	0	100	25.8	0	99	25.6	0	102	28.6	1
3050	PRIDE Seeds	A7197G8 RIB	8	F									104	23.9	0				109	27.4	0	98	27.5	0

**Table 4: Exeter, Ilderton, Woodstock, Belmont 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials												
				average of 5 trials				average of 4 trials				BELMONT			EXETER			ILDERTON			WOODSTOCK			
				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 %	
3075	CROPLAN	4203SS/RIB	8	F	97	25.9	1	99	97	24.0	0	100	90	21.4	0	104	24.7	0	95	24.3	0	99	25.6	1
3075	NK Brand	NK9991-5122	33	F					103	27.1	0	96	104	24.7	0	97	26.4	1	101	27.7	1	110	29.4	0
3075	PRIDE Seeds	A7270G8 RIB	8	F	96	28.6	0	98	96	27.3	0	99	99	24.6	0	99	26.8	0	92	27.4	0	93	30.5	0
3100	DEKALB	DKC52-34RIB	8	L	99	27.5	0	101	98	26.0	0	101	98	23.4	0	101	26.0	0	100	26.7	0	94	28.0	0
3100	DEKALB	DKC52-84RIB	8	L	97	26.5	0	98	98	25.3	0	98	95	22.9	0	99	24.8	0	97	26.1	0	102	27.3	0
3100	Horizon	HZ 4314	33	F					108	28.0	0	97	108	25.5	0	107	27.0	0	110	28.5	0	108	31.1	0
3100	Maizex	MZ 4158DBR	6	F	102	27.5	0	98	101	25.6	0	99	106	23.6	0	103	25.1	0	101	25.7	0	96	28.0	1
3100	Maizex	MZ 4368SMX	8	F	99	27.5	0	99	99	26.0	0	99	102	22.7	0	99	25.9	0	98	27.6	0	98	28.0	1
3100	Maizex	MZ 4691DBR	6	F	102	28.5	1	102	101	27.0	0	102	101	24.6	0	102	27.2	0	93	24.9	0	106	31.1	0
3100	NK Brand	NK0472-5222	34	F					95	27.3	1	100	103	24.1	0	93	27.2	0	95	27.4	0	88	30.4	3
3100	Pioneer	P0306AM	23	L	98	27.6	0	99	98	26.4	0	100	95	23.6	0	101	26.1	0	105	29.6	0	91	26.4	0
3125	Brevant	B04521AM	23	L	106	29.7	0	98	107	28.1	0	98	105	25.9	0	102	28.8	0	117	28.1	0	108	29.6	0
3125	DEKALB	DKC53-87RIB	8	L									101	23.5	0				101	27.2	0	97	27.8	0
3150	Country Farm	CF674	8	F									94	25.6	0				90	29.0	0	97	30.5	0
3150	De Dell	DL 6590	0	-					101	28.2	0	94	99	24.9	0	97	29.2	0	106	28.4	0	103	30.3	0
3150	Maizex	MZ 4577SMX	8	F									103	24.5	0				110	26.7	0	101	29.7	3
3150	Pioneer	P0506AM	23	L	102	28.3	0	99	104	27.3	0	99	109	23.8	0	99	27.3	1	105	29.5	0	101	28.6	1
3175	CROPLAN	4676SS/RIB	8	F					100	27.7	1	98	103	24.1	0	101	28.0	0	108	29.0	0	88	29.7	2
3175	DEKALB	DKC54-45RIB	8	L	100	28.8	0	98	99	27.2	0	98	93	24.0	0	102	28.4	0	103	26.7	0	100	29.6	0
3175	DEKALB	DKC54-77RIB	6	L									106	24.0	0				95	27.3	0	102	29.6	1
3200	Saatbau	SL48394	0	C					92	26.1	0	103	90	24.4	0	91	25.9	0	93	27.0	0	93	27.0	0
LSD (0.10) for Yield Index Points*					4				4				9			6			8			10		
Average all hybrids **					213	26.9	0	68	217	25.6	0	68	231	23.5	0	221	25.8	0	193	26.2	0	224	27.7	1

<sup>1</sup> Exeter 2020, Ilderton 2020, Woodstock 2020, Belmont 2019-2020

<sup>2</sup> Exeter, Ilderton, 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.

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.

Table 5: Ridgetown, Tilbury, Dresden

2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 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 %	
2975	Maizex	MZ 4040DBR	6	F	98	22.9	14	101	96	22.4	4	101	92	22.7	7	99	22.0	0
3000	Brevant	B00R96AM	23	L	99	22.7	5	102	98	22.4	0	102	97	22.1	0	99	22.8	0
3000	CROPLAN	4188VT2P/RIB	6	F	101	23.3	3	100	99	23.0	0	98	97	22.7	0	100	23.2	0
3000	NK Brand	NK9991-5122	33	F					96	22.3	1	101	94	21.7	1	97	22.8	0
3000	Pioneer	P0075AM	23	L					99	22.3	1	100	104	21.4	2	94	23.1	0
3025	CROPLAN	4188SS/RIB	8	F					99	21.1	1	100	99	20.8	1	99	21.5	0
3050	CROPLAN	CP4265VT2P/RIB	6	F					98	22.0	0	100	94	21.1	0	101	22.9	0
3050	Pioneer	P0157AMXT	24	L									102	21.9	0			
3075	CROPLAN	4203SS/RIB	8	F	100	22.6	2	102	98	21.4	0	102	95	20.9	0	101	22.0	0
3075	NK Brand	NK0243-5122	33	F					96	23.3	1	97	99	23.3	2	93	23.2	0
3100	Horizon	HZ 4314	33	F					96	24.7	0	97	94	24.0	0	98	25.4	0
3100	Maizex	MZ 4368SMX	8	F	100	23.4	6	101	101	22.0	0	102	100	21.9	0	101	22.1	0
3100	NK Brand	NK0472-5222	34	F					93	23.8	0	103	92	23.3	0	94	24.4	0
3100	Pioneer	P0306AM	23	L	95	23.7	10	102	94	23.8	0	101	92	23.6	0	95	24.0	0
3125	Brevant	B04S21AM	23	L	100	25.2	4	100	99	24.4	0	100	99	23.4	0	99	25.5	0
3125	DEKALB	DKC53-87RIB	8	L	99	23.8	8	101	98	22.1	1	102	99	21.9	1	97	22.3	0
3150	Country Farm	CF674	8	F	94	23.4	1	102	93	22.5	0	101	91	22.4	0	95	22.6	0
3150	Maizex	MZ 4577SMX	8	F	103	23.5	9	102	104	22.3	0	102	104	22.3	0	104	22.4	0
3150	Pioneer	P0506AM	23	L									99	22.9	0			
3175	CROPLAN	4676SS/RIB	8	F	99	25.3	2	100	101	23.4	0	100	104	23.4	0	99	23.4	0
3175	DEKALB	DKC54-45RIB	8	L	100	24.0	6	101	101	22.7	0	101	102	22.6	0	99	22.8	0
3175	DEKALB	DKC54-77RIB	6	L	100	24.2	7	100	100	21.9	0	101	105	21.0	1	96	22.7	0
3175	DEKALB	DKC55-05RIB	6	L	101	23.7	3	101	105	23.1	0	100	107	22.7	0	102	23.4	0
3175	PRIDE Seeds	A7373G2 RIB	6	F	101	25.5	3	101	104	24.3	0	101	103	23.9	0	104	24.8	0
3200	Brevant	B07M64AM	23	L					108	25.1	1	98	104	24.3	1	112	26.0	0
3200	CROPLAN	4791AS3111	20	F	100	26.6	6	97	101	25.6	0	99	102	26.4	0	100	24.7	0
3200	DEKALB	DKC56-65RIB	8	L					99	25.2	0	99	98	25.5	0	101	24.9	0
3200	Maizex	MZ 452	0	F					110	23.5	0	99	115	23.3	0	106	23.8	0
3200	Maizex	MZ 4623SMX	8	F	100	25.7	3	98	99	24.4	0	98	101	23.6	0	97	25.2	0
3225	Pioneer	P0720AM	23	L	103	27.7	3	98	101	26.9	0	99	105	26.3	0	98	27.5	0
3250	Maizex	MZ 4888SMX	8	F					100	23.8	3	103	99	22.9	5	101	24.8	0
3250	Pioneer	P0825AM	23	L	100	25.4	5	98	103	24.8	0	99	99	24.1	0	107	25.4	0
3250	PRIDE Seeds	A7790G8 RIB	8	F	101	26.8	2	102	104	24.3	0	103	107	24.8	0	101	23.7	0

**Table 5: Ridgetown, Tilbury, Dresden 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 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 %		
3275	DEKALB DKC58-06RIB	8	L	98	26.3	6	102	97	25.1	0	102	100	24.4	0	95	25.9	0		
3275	Maizex MZ 5088DBR	6	F	104	27.3	10	100	101	25.7	0	99	101	25.8	0	102	25.6	0		
3300	Country Farm CF758	8	F									100	22.8	0					
3300	CROPLAN 4997VT2P/RIB	6	F	102	27.3	12	99	104	27.1	1	98	105	26.3	1	103	28.0	0		
3300	DEKALB DKC59-50RIB	6	L	101	26.9	8	99	103	25.3	0	99	103	24.8	0	103	25.8	0		
3300	Maizex MZ 5134DBR	6	F	100	26.3	4	98	100	25.1	0	98	95	24.3	0	104	26.0	0		
3300	PRIDE Seeds A7818G2 RIB	6	P	104	25.7	2	97	100	25.0	0	98	97	24.9	0	102	25.1	0		
3325	Brevant B10R32AML	23	L	96	26.8	5	100	97	25.1	0	101	92	23.9	0	100	26.2	0		
3325	DEKALB DKC60-87RIB	8	P5									103	25.7	1					
3375	DEKALB DKC63-60RIB	8	P5	101	30.0	9	99	101	29.3	0	100	102	30.0	0	101	28.5	0		
3400	Pioneer P1197AMXT	24	L	97	27.9	5	97	98	27.4	0	98	97	25.9	0	99	29.0	0		
3400	PRIDE Seeds A8303G8 RIB	8	F	102	28.7	4	98	104	24.6	0	98	109	24.1	0	100	25.0	0		
LSD (0.10) for Yield Index Points*				3				5				8				7			
Average all hybrids **				225	25.4	6	68	248	24.0	0	68	233	23.6	1	263	24.4	0		

<sup>1</sup> Ridgetown 2019-2020, Tilbury 2019, Dresden 2019-2020

<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.

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

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

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