



2012

Ontario Hybrid Corn Performance Trials

Data collected 2011-2012

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

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Yield x Moisture Content graphs

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, the Seed Corn Growers of Ontario and the Canadian Seed Trade Association. Tests are conducted each year by the following cooperating agencies: Ridgeway Campus, University of Guelph, Ridgeway; Plant Agriculture Department, University of Guelph; Kemptville Campus, University of Guelph, Kemptville; and Agriculture and Agri-Food Canada at Ottawa.

TESTING METHODS

Hybrids entered in the Hybrid Corn Performance Trials are selected by the seed companies. A testing fee is charged per hybrid per replication. A hybrid must be entered in all trials within a table.

In each trial, hybrids are replicated in a suitable experimental design. Trials are machine planted with an excess of seed and thinned at an early growth stage to obtain a uniform population. A row width of 30 inches is used in all trials. Plots consist of four rows of which the middle two rows are harvested for yield. Fertilizer rates may be higher than those recommended by OMAFRA 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.

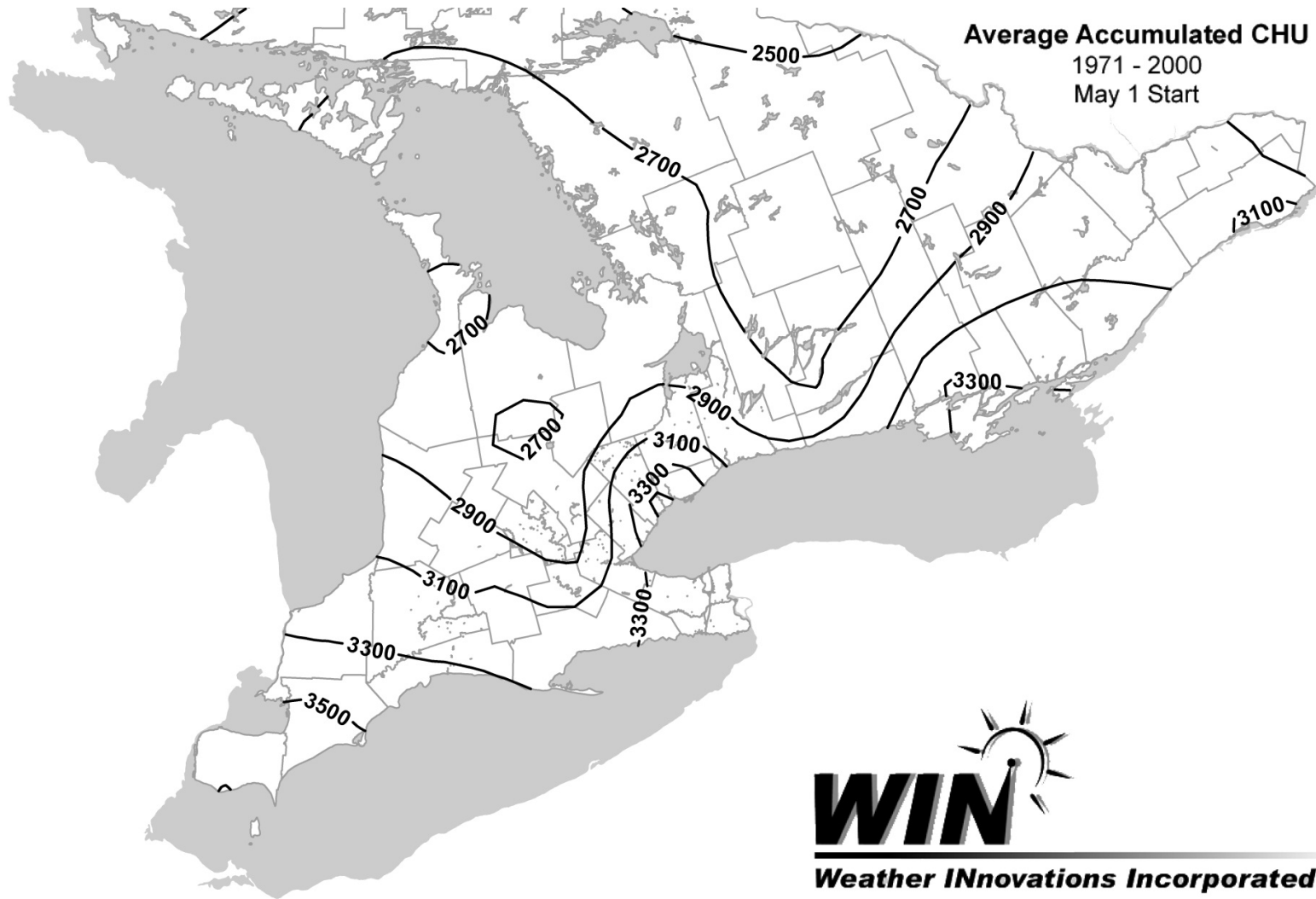
The moisture percentage of the grain is determined at harvest time. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest, using combine-mounted monitoring equipment, or in the laboratory, using procedures recommended by the Canada Grain Commission.

DUPLICATION OF THIS REPORT:

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

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.

INTERPRETATION OF RESULTS

Index - The index in the tables indicates a percent of the average of all hybrids included in the trial(s). Index figures above 100 reflect the percentage by which a hybrid is above the average, whereas index figures below 100 show the percent below average. Small differences in index (i.e. less than the LSD shown at the bottom of the table) are not significant. When a hybrid consistently has a higher index over two years, this difference is probably real and should be considered when choosing a hybrid.

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

The average yield for each table is given in bushels per acre. You can calculate the actual yield for a hybrid by multiplying the average yield times its yield index and dividing by 100.

The average test weight is given in kg/hl (kilograms per hectoliter). You can calculate the actual test weight of a hybrid by multiplying the average test weight times its test weight index and dividing by 100.

Within each table, hybrids are identified by brand and/or hybrid number or name. Hybrids are listed in approximate order of maturity based on heat unit ratings provided by the companies.

Corn Heat Units - Ratings for all areas of the province are based on the average heat unit accumulation for the period from May 1 to the date in the fall when the long-term average daily temperature falls below 12° C or an occurrence of -2° C, whichever comes first. Hybrid heat unit ratings have been assigned by the sponsoring company.

% Lodging - "Lodged Plants" includes plants with stalks that are broken below the ear and plants leaning such that the ear is in the adjacent row or otherwise unharvestable. Because all hybrids in a trial are harvested on the same date, the early hybrids within each table tend to show a greater amount of stalk breakage than do later hybrids. Stalk strength should be compared only with hybrids of the same maturity.

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

LSD (0.10) - The LSD is a measure of variability within the trial. There is a ninety percent probability that yield indices that differ by an amount greater than the LSD are different. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

Managing Bt Corn - When using Bt corn, it is imperative that a refuge area of non-Bt corn be planted near the Bt corn to reduce the risk of developing insect resistance to Bt. A list of potential refuge hybrids and information related to the practices that must be followed to comply with current regulations can be obtained from the Canadian Corn Refuge Hybrid Selector at www.refugeselector.ca

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

Explanation of Codes for Special Genetic Traits

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

Notes:

The Ontario Corn Committee does not assess hybrids for Special Genetic Traits. Hybrid descriptions are based on information received from corn companies, as of November 23, 2012. Although the Ontario Corn Committee believes the information contained in this report to be accurate, growers are strongly urged to consult dealers of the respective hybrids and products, before making purchasing or management decisions. All hybrids included in this report have been fully approved for food and feed use in Canada and the United States. However, a number have not been approved for use in the European Union. Corn harvested from these non-EU approved hybrids must be delivered to a market that will not ship the grain or its processed products to Europe. For more information, contact your seed supplier. Information regarding the genetic traits carried by all commercially available hybrids and their acceptability for export can also be obtained from the Canadian Seed Trade Association's "List of Corn Hybrids Commercially Available in Canada" at <http://cdnseed.org/list-of-corn-hybrids/>

Seed Corn Dealers

Brand or Identification	Company	Address of Canadian Sponsor	Telephone
Country Farm	Country Farm Seeds Ltd.	Box 790, Blenheim, ON N0P 1A0	1-800-449-3990
DEKALB	Monsanto Canada Inc.	120 Research Lane, Suite 101, Guelph, ON N1G 0B4	1-800-667-4944
Elite	La Coop federee	9001, Blvd. de L'Acadie, Montreal, QC H4N 3H7	1-514-384-6450
Horizon	Horizon Seeds Canada Inc.	531 Bostwick Rd., Courtland, ON N0J 1E0	1-519-842-5538
Hyland	Hyland Seeds	P.O. Box 1090, 5 Hyland Dr., Blenheim, ON N0P 1A0	1-800-265-7403
Maizex	Maizex Seeds Inc.	4488 Mint Line, R.R.#2, Tilbury, ON N0P 2L0	1-877-682-1720
Mycogen Seeds	Dow AgroSciences Canada Inc.	73 Avenue, Chatham, ON N7M 5S2	519-350-3216
NK Brand	Syngenta Seeds Inc.	15910 Medway Rd., R.R.#1, Arva, ON N0M 1C0	1-800-756-SEED
PICKSEED	PICKSEED	1 Greenfield Road, Lindsay, ON K9V 4S3	1-800-661-GROW
Pioneer	Pioneer Hi-Bred Limited	Box 730, 7398 Queens Line, Chatham, ON N7M 5L1	1-800-265-9435
PRIDE Seeds	AgReliant Genetics Inc.	P. O. Box 1088, 6836 Pain Court Line, Chatham, ON N7M 5L6	1-519-354-3210

2012 Trial Locations and General Information - Ontario Hybrid Corn Performance Trials

Location	See Table Number	Heat Unit Rating	5 Year Heat Unit Average ¹	2012 CHU Total ²	Soil Type	Co-operator	Final plants per acre ³	Date planted ⁴	Date Harvested
Alma	1	2700	2780	2978	Listowel Loam	Eastep Farms Ltd.	32000	May 09	Oct 16
Orangeville	1	2700	2737	2935	Sandy Loam	Woodrill Farms Ltd.	32000	May 10	Nov 14
Elora	2	2800	2836	2931	Silt Loam	University of Guelph	32000	May 07	Oct 10
Pakenham	2	2900	2842	2866	Clay Loam	W. Gillan & Sons	32000	May 19	Nov 09
Wingham	2	2800	2842	2969	Harriston Loam	Rob Warwick	32000	May 11	Nov 09
Lancaster	3E	3000	2967	2850	Silt Loam	Peter Van Sleeuwen	32000	May 24	Nov 06
Ottawa	3E	3000	3116	N/A	Granby Sandy Loam	AAFC	32000	May 14	
Winchester	3E	3000	2960	2996	Clay Loam	Univ of Guelph - Kemptville Campus	32000	May 17	Oct 24
Blyth	3W	3000	2941	3002	Clay Loam	Heinrich Farms	32000	May 10	Nov 09
Dublin	3W	3000	2979	3028	Silt Loam	Al Murray	32000	May 15	Nov 08
Waterloo	3W	2900	2825	3120	Sandy Loam	Rosendale Farms Ltd.	32000	May 02	Oct 12
Exeter	4	3050	2979	3106	Clay Loam	Cliff Hicks	32000	May 07	Nov 07
Ilderton	4	3100	3102	3091	Silt Loam	John Walls	32000	May 14	Nov 06
Thorndale	4	3150	3050	N/A	Silt Loam	Pat Elliot	32000	May 12	Oct 18
Woodstock	4	3150	3027	3281	Loam	University of Guelph	32000	Apr 30	Oct 17
Belmont	5	3250	2981	3301	Loam	Claire Hooker Farms Ltd.	32000	May 03	Oct 19
Kerwood	5	3200	3050	3176	Clay Loam	Dave Bolton	32000	May 11	Nov 06
West Lorne	5	3335	3086	3248	Clay	Sanden Acres Ltd.	32000	May 17	Oct 22
Ridgetown	6	3450	3461	3617	Loam	U of Guelph- Ridgetown Campus	32000	Apr 27	Oct 23
Tilbury	6	3650	3510	3443	Sandy Loam	Dan and Cam Sullivan	32000	May 14	Oct 24
Wabash	6	3600	n.a.	3294	Loam	Allan and Steve Ross	32000	May 15	Nov 05

Notes:

- 1: Average total heat unit accumulation from date of planting for 2007 - 2011, 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. Plots consisted of four rows of which the middle two were harvested for yield

2012 Ontario Hybrid Corn Performance Trial Management Information

Location	Table	Previous Crop	Tillage		Soil Test Ratings			Fertilizer Applications			Herbicide Applications				Rainfall (mm)					
			Fall	Spring	P	K	pH	N	P2O5	K2O	Product	Rate	Date	Method	May	Jun	Jul	Aug	Sep	Total
Alma	1	Soybeans	Soil Saver	Cultivator	RR	MR	7.3	179	100	82	Primextra Callisto	1.4 L/ac 0.3L/ha	May 26 May 26	post post	14	65	43	87	116	325
Orangeville	1	Potatoes	None	Cultivator x2	LR	LR	6.8	134	45	23	Primextra II MAC Callisto	1.6 L/ac 0.3 L/ha	Apr 27 May 16	pre pre	99	114	71	97	134	515
Elora	2	Wheat	Chisel Plow	Cultivator	MR	MR	7.6	146	45	62	Primextra Callisto Accent	1.4 L/ac 0.3L/ha 33 g/ha	May 16 May 16 Jun 08	pre pre post	28	82	27	68	96	301
Pakenham	2	Spring Wheat	Disc	Cultivator x2	RR	RR	6.1	150			Primextra II Magnum Callisto	4 L/ha .3 L/ha	May 27 May 27	post post		33	28	81	138	N/A
Wingham	2	Wheat		Cultivate	LR	MR	7.5	170	48	24	Integrity Callisto	1.1L/ha .21L/ha	Apr 27 May 26	ppi post	46	122	48	69	119	404
Lancaster	3E	Soybeans	Deep Tillage	Cultivator x2	LR	MR	6.6	160			Primextra II Magnum Callisto	4 L/ha .3 L/ha	May 28 May 28	pre pre	48	36	62	36	137	319
Ottawa	3E	Soybeans	Soil Saver	Disc/mulch Finisher	n.a.	n.a.	7.2	80	0	0	Primextra II Magnum Ultim 75DF Distinct	3.3L/ha 33.7g/ha 285g/ha	May 11 Jun 15 Jun 15	ppi post post	30	60	15	79	123	307
Winchester	3E	Soybeans	Chisel Plow	Cultivator x 2				180	40	15	Primextra II Magnum Callisto	4 L/ha .3 L/ha	May 26 May 26	post post	38	54	46	53	122	313
Blyth	3W	Wheat	Disk	Cultivate	MR	LR	7.6	170	48	24	Primextra Callisto Peak Banvel	4L/ha .3L/ha 13.3g/ha .3L/ha	May 21 May 21 Jun 07 Jun 07	post post post post	N/A					
Dublin	3W	Soybeans	None	Cultivate	RR	MR	7.4	170	48	24	Roundup Weathermax Primextra Callisto	1L/acre 4L/ha .3L/ha	Apr 12 May 21 May 21	pre pre pre	N/A					
Waterloo	3W	Wheat	Fall Chisel	Cultivator	RR	RR	7.4	169	85	82	Primextra Callisto Pardner	1.4 L/ac 0.12 L/ac 1.0 L/ha	Apr 25 May 10 Jun 07	ppi ppi post	24	82	37	52	102	297
Exeter	4	Wheat	Plow	Cultivate	MR	LR	7.6	170	48	24	Primextra Callisto	4L/ha .3L/ha	May 21 May 21	post post	23	130	82	53	81	369
Ilderton	4	Soybeans	Disk	Cultivate	LR	MR	6.2	170	48	24	Primextra Callisto	4L/ha .21L/ha	Apr 20 May 25	ppi post	25	35	69	25	45	199
Thorndale	4	Wheat	Plow	Cultivate	NR	RR	6.2	176	48	24	Primextra Callisto	4L/ha .21L/ha	Apr 20 May 25	ppi post	N/A					
Woodstock	4	Soybeans	Chisel Plow	Cultivator	RR	MR	7.1	171	85	63	Primextra Callisto Atrazine Callisto	3.5 L/ha 0.3L/ha 0.58 L/ha 0.21 L/ha	May 01 May 01 Jun 06 Jun 06	pre pre post post	44	138	61	96	127	466
Belmont	5	Wheat	Plow	Cultivate	MR	MR	6.7	175	53	30	Distinct	0.115 kg/ac	May 28	post	40	95	37	7	124	303
Kerwood	5	Soybeans	None	Cultivate	LR	RR	6.1	175	53	30	Primextra Callisto	1.2 l/ac 120 ml/ac	May 25 May 25	post post	35	33	79	61	88	296
West Lorne	5	Wheat	Soil Saver	Cultivate	MR	RR	6.6	175	53	30	Converge Flexx Converge 480 Roundup	132 ml/ac 67 ml/ac 1 l/ac	May 18 May 18 May 18	pre pre pre	83	56	114	81	77	411
Ridgetown	6	Winter Wheat	Plow	Cultivator	LR	LR	6	175	53	30	Converge Flexx Converge 480 Roundup	132 ml/ac 67 ml/ac 1 l/ac	May 03 May 03 May 03	pre pre pre	34	45	155	73	67	374
Tilbury	6	Soybeans	Vertical Till	Cultivate	MR	LR	7.8	175	53	30	Converge Flexx Converge 480 Roundup	132 ml/ac 67 ml/ac 1 l/ac	May 18 May 18 May 10	pre pre pre	24	19	49	72	52	216
Wabash	6	Soybeans	Soil Saver	Cultivate	RR	RR	6.3	175	53	30	Converge Flexx Converge 480 Roundup	132 ml/ac 67 ml/ac 1 l/ac	May 18 May 18 May 18	pre pre pre	47	45	98	90	71	351

Table 1: Alma, Orangeville

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials					
			average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
			Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2100	Pioneer P7443R	R	87	24.8	8	106	82	26.0	7	105	79	26.8	0	85	25.3	15
2250	Horizon HZ 702	R	88	25.2	4	102	86	26.4	1	102	92	27.2	0	80	25.5	1
2300	Hyland, Mycogen 3093	R					92	26.3	2	103	93	27.8	0	92	24.8	5
2300	Pioneer 39B94	W B R L	88	27.3	3	105	83	29.5	4	104	88	30.6	0	78	28.4	8
2350	Pioneer 39D97	W B R L	93	25.7	5	102	92	26.8	2	103	85	28.3	0	98	25.3	5
2400	Hyland, Mycogen 8105RA	W B D R L O	95	25.7	2	104	94	26.2	1	104	97	28.3	0	91	24.1	3
2400	Pioneer P8107HR	W B R L	96	25.5	3	101	98	25.7	1	101	95	25.5	0	100	25.9	3
2400	Pioneer P8193HR	W B R L O					89	24.3	1	103	87	24.9	0	91	23.7	1
2450	PRIDE Seeds A4880G3	B D R	93	25.2	3	102	97	26.2	2	103	98	27.3	0	96	25.1	5
2475	Pioneer P8210HR	W B R L					90	27.4	1	101	84	29.4	0	96	25.5	2
2475	PRIDE Seeds A4914G2	B R O					92	27.6	1	104	96	29.7	0	89	25.5	2
2500	Horizon HZ 750		96	30.1	4	96	90	31.9	2	96	89	33.2	0	91	30.6	4
2525	Hyland, Mycogen 8166RA	W B D R L O	99	27.2	2	100	99	27.3	2	102	105	28.0	0	93	26.6	3
2525	Maizex MZ 2333DBR	B R O					100	28.0	0	99	105	28.3	0	95	27.8	0
2550	DEKALB DKC34-46	R					103	26.8	2	100	98	27.7	0	108	25.9	5
2550	Elite 33K99 RR	B D R	94	26.5	2	102	93	28.1	3	103	92	30.8	0	93	25.4	5
2550	Maizex MZ 211X		109	27.6	6	99	108	29.0	2	99	103	31.0	0	113	27.0	4
2550	Pioneer P8651HR	W B R L					93	27.4	0	103	89	29.5	0	96	25.4	0
2575	DEKALB DKC35-43	B D R	99	27.2	1	102	97	27.4	0	102	94	30.2	0	99	24.6	1
2575	PRIDE Seeds A5120G2	B R O	103	26.1	1	99	104	27.3	0	100	104	28.7	0	103	25.9	1
2600	DEKALB DKC36-65	B R O					103	27.8	6	101	101	30.0	0	104	25.5	12
2600	Elite 39C52 RR	B R O	94	26.7	3	100	97	27.7	4	102	98	30.3	0	96	25.1	7
2600	Hyland, Mycogen 8180	W B D R L					100	29.9	0	96	103	30.4	0	97	29.5	0
2600	PICKSEED 2642CB/LL/RW	B D L	107	26.7	9	99	109	27.7	1	100	110	29.4	0	109	26.0	3
2600	Pioneer P8622HR	W B R L O	105	28.0	3	97	105	28.4	1	98	110	29.1	0	101	27.8	1
2625	Country Farm CF214	B R L	100	28.9	4	98	102	29.6	1	98	99	31.0	0	105	28.2	3
2625	Country Farm CF230						105	28.8	1	98	110	29.2	0	99	28.4	1
2625	NK Brand N17P-3000GT	B D R L					102	27.4	1	100	101	28.0	0	102	26.7	2
2625	PICKSEED 2616VT2P	B R O					103	27.9	2	100	105	28.8	0	102	27.1	3
2625	PRIDE Seeds A5433G3	B D R					106	30.2	2	101	106	31.1	0	105	29.2	4
2650	DEKALB DKC37-41	W B D R L O	105	29.2	3	99	101	30.8	5	99	100	31.9	0	103	29.8	9
2650	Hyland, Mycogen 8202RA	W B D R L O					105	31.3	1	96	105	32.8	0	105	29.7	2
2650	Maizex MZ 266X						109	27.9	2	99	112	29.4	0	106	26.5	4
2650	Maizex MZ 2988DBR	B R O	106	29.0	1	97	105	29.3	1	98	107	31.4	0	102	27.1	3
2650	NK Brand N19G-3111	W B D R L					102	29.1	0	100	101	30.1	0	103	28.1	1
2650	PICKSEED 2629GT/CB/LL	B R L	100	27.0	7	102	99	28.1	3	102	97	29.2	0	101	26.9	6

Table 1: Alma, Orangeville

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials					
				average of 4 trials				average of 2 trials				ALMA			ORANGEVILLE		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2650	Pioneer	P8906AM	W B R O					95	30.6	1	98	92	32.2	0	98	29.0	3
2650	Pioneer	P8906XR	W B D R L					101	29.7	3	101	98	32.2	0	104	27.2	6
2675	Country Farm	CF266	R	104	27.8	1	98	101	28.9	1	98	104	31.1	0	97	26.7	2
2675	DEKALB	DKC38-03	B R O					110	30.5	15	100	111	30.9	0	109	30.1	30
2675	DEKALB	DKC38-26	B D R	102	27.9	3	100	103	28.7	5	101	98	31.1	0	108	26.2	9
2675	Elite	45P33 FLR	B R L					111	29.4	3	97	112	30.2	0	110	28.6	7
2675	Elite	E58L17 R	R					105	32.3	2	97	107	32.4	0	104	32.1	3
2675	Hyland, Mycogen	8234RA	W B D R L O	100	27.9	1	98	100	28.9	1	97	99	30.6	0	101	27.1	1
2675	PICKSEED	2750RR	R	113	29.3	2	98	109	30.0	3	98	110	30.6	0	108	29.4	6
2675	PRIDE Seeds	A5624G3	B D R	102	28.8	2	99	97	30.0	0	98	89	32.0	0	105	28.0	1
2700	Maizex	MZ 3020CBR	B D R	105	31.1	2	99	103	31.7	3	99	110	33.6	0	96	29.9	6
2700	Pioneer	P9329HR	W B R L O					99	31.3	2	100	97	32.7	0	102	29.9	5
2725	DEKALB	DKC40-22	W B D R L O	108	30.4	4	99	107	30.7	5	100	113	32.5	0	103	28.9	10
2725	Elite	28S60 FLR	W B D R L O					103	32.3	2	98	103	34.3	0	102	30.2	3
2750	Pioneer	38N94AM	W B R O					104	30.6	7	98	106	31.3	0	103	30.0	15
2775	DEKALB	DKC42-72	B D R	110	30.9	1	97	111	31.4	1	98	111	32.9	0	110	29.8	3
2800	Pioneer	P9411HR	W B R L					108	29.8	1	99	103	31.4	0	113	28.1	1
LSD (0.10) for Yield Index Points*				5				7				11			8		
Average all hybrids **				186	27.6	3	67	185	28.8	2	68	177	30.1	0	192	27.4	5

¹ Alma 2011-2012, Orangeville 2011-2012

² Alma, Orangeville

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 2: Elora, Pakenham Wingham

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn C

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials					
				average of 5 trials				average of 2 trials				WINGHAM			ELORA		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2475	Pioneer	P8210HR	W B R L					90	23.8	0	102	93	22.1	0	85	25.4	0
2525	Maizex	MZ 2333DBR	B R O					98	24.6	1	101	96	24.0	2	100	25.3	0
2550	DEKALB	DKC34-46	R					97	24.6	0	102	95	23.7	0	101	25.5	0
2550	Maizex	MZ 211X		97	23.3	3	102	99	25.1	1	100	98	24.5	2	99	25.7	0
2550	Pioneer	P8651HR	W B R L					89	25.2	0	106	87	23.5	0	91	26.9	0
2575	DEKALB	DKC35-43	B D R	92	23.0	1	105	93	24.7	0	105	88	22.6	0	100	26.8	0
2600	DEKALB	DKC36-65	B R O					95	24.9	2	102	97	23.2	4	92	26.6	0
2600	Hyland, Mycogen	8180	W B D R L					93	26.5	0	97	93	24.7	0	92	28.3	0
2600	Pioneer	P8622HR	W B R L O	98	23.8	3	101	95	24.8	0	101	99	23.4	1	89	26.2	0
2625	PICKSEED	2616VT2P	B R O					101	24.3	0	102	98	23.2	0	104	25.5	0
2650	DEKALB	DKC37-41	W B D R L O	100	24.7	0	101	97	26.1	0	101	100	24.5	0	93	27.8	0
2650	Hyland, Mycogen	8202RA	W B D R L O					93	28.6	0	97	92	26.1	0	95	31.1	0
2650	Maizex	MZ 266X						101	26.3	0	100	101	24.4	1	102	28.2	0
2650	Maizex	MZ 2988DBR	B R O	107	24.4	1	99	103	25.8	1	100	103	24.1	3	105	27.6	0
2650	NK Brand	N20Y-3000GT	B D R L	98	22.0	4	103	96	23.1	1	103	99	22.8	2	91	23.3	0
2650	PICKSEED	2629GT/CB/LL	B R L	96	23.5	2	105	93	25.6	0	105	90	23.6	0	96	27.5	0
2650	Pioneer	P8906AM	W B R O					93	26.6	0	99	94	24.6	1	93	28.5	0
2650	Pioneer	P8906XR	W B D R L					96	25.2	0	103	93	23.4	0	100	27.0	0
2675	DEKALB	DKC38-03	B R O					109	26.6	1	100	112	24.4	1	105	28.9	0
2675	DEKALB	DKC38-26	B D R	96	24.5	1	103	93	26.6	0	102	95	24.5	1	91	28.7	0
2675	Horizon	HZ 792BtGT	B R L	95	23.5	3	104	89	25.7	0	102	90	24.2	0	87	27.1	0
2675	Hyland, Mycogen	8234RA	W B D R L O	96	24.9	1	98	96	25.5	0	98	91	24.9	0	101	26.1	0
2675	NK Brand	N21J-3000GT	B D R L	95	23.1	2	103	91	24.4	0	103	99	22.5	0	80	26.3	0
2675	PICKSEED	2670VT3P	B D R					109	26.9	0	100	108	25.4	0	110	28.5	0
2675	PICKSEED	2750RR	R	101	24.9	1	100	102	26.4	0	101	104	24.7	0	100	28.1	0
2675	PRIDE Seeds	A5624G3	B D R	95	24.7	1	101	88	27.3	0	102	90	26.0	0	85	28.5	1
2700	Hyland, Mycogen	8295RA	W B D R L O	98	24.7	0	97	96	25.7	0	97	94	23.8	0	99	27.7	0
2700	Maizex	MZ 3020CBR	B D R	98	25.6	2	102	97	27.1	3	102	97	24.1	7	97	30.2	0
2700	PICKSEED	2751GSX	W B D R L O	104	26.3	0	98	104	27.6	0	99	101	26.2	1	107	29.0	0
2700	PICKSEED	2792VT2P	B R O									106	24.9	0			
2700	Pioneer	38B14	W B D R L	95	24.4	0	99	92	24.9	0	100	87	23.9	0	99	25.9	0
2700	Pioneer	P9329HR	W B R L O					103	27.2	2	102	107	25.1	4	97	29.3	0
2725	DEKALB	DKC40-22	W B D R L O	101	25.7	1	101	105	26.5	0	102	104	25.1	0	106	27.9	0
2725	Horizon	HZ 850	R	98	25.8	4	100	98	27.5	1	100	97	26.2	3	99	28.8	0
2725	PRIDE Seeds	A5909G2	B R O					102	27.3	0	101	102	25.0	0	102	29.6	0
2750	Country Farm	CF330		93	23.5	7	103	94	25.0	1	103	95	23.8	2	92	26.2	0
2750	Horizon	HZ 872	B R L	100	24.0	5	99	96	25.5	0	99	101	23.6	0	90	27.4	0
2750	Maizex	MZ 3066DBR	B R O	104	26.2	0	98	105	26.0	0	100	105	25.2	0	106	26.8	0
2750	Pioneer	38N94AM	W B R O	99	25.7	1	100	101	26.6	0	101	95	24.5	0	108	28.8	0
2750	PRIDE Seeds	A5848G8	W B D R L O	100	25.2	0	102	99	27.0	0	102	101	25.2	0	96	28.9	0
2775	Country Farm	CF372	B R O					102	26.3	0	99	98	25.3	0	106	27.3	0
2775	Country Farm	CF393	B D R L	106	26.8	7	99	107	28.7	3	98	107	26.8	6	107	30.6	0
2775	DEKALB	DKC42-72	B D R	101	25.3	0	100	99	26.3	0	100	100	24.9	0	97	27.8	0
2775	Hyland	HL CVR48	B D R	97	25.5	1	102	93	28.1	0	101	90	25.5	0	98	30.6	0

Table 2: Elora, Pakenham Wingham

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn C

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials						
				average of 5 trials				average of 2 trials				WINGHAM			ELORA			
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2775	Maizex	MZ 3202SMX	W B D R L O					108	26.8	0	99	103	25.4	0	114	28.3	0	
2775	PICKSEED	2759		108	27.3	6	95	102	29.1	0	95	100	26.9	0	105	31.2	0	
2775	PRIDE Seeds	A6011RR	R	104	25.6	1	99	104	27.6	0	99	100	26.9	0	110	28.3	1	
2775	PRIDE Seeds	A6125						105	27.3	0	99	102	26.2	0	108	28.3	0	
2800	Country Farm	CF409	W B D R L O					109	27.3	0	101	107	24.5	1	111	30.1	0	
2800	DEKALB	DKC43-10	B R O					112	27.1	0	100	112	25.1	0	112	29.0	0	
2800	DEKALB	DKC43-27	B D R	99	25.2	2	99	108	26.9	0	99	106	26.0	0	111	27.7	0	
2800	Elite	E65D10 LR	W B D R L O	105	26.8	1	99	105	29.0	0	100	103	27.5	0	108	30.5	0	
2800	Maizex	MZ 3124BR	B R L					103	26.5	0	97	107	24.5	0	97	28.5	0	
2800	Maizex	MZ 312X						110	25.8	0	99	118	23.9	1	100	27.7	0	
2800	Mycogen Seeds	2J337	B D R	104	26.9	1	99	106	28.3	0	99	105	26.3	0	107	30.3	0	
2800	PICKSEED	2843RR	R	108	28.7	1	95	102	31.0	0	97	106	29.3	0	98	32.8	0	
2800	Pioneer	38M58	W B R L	97	26.9	1	101	98	28.5	0	100	95	25.5	0	101	31.5	0	
2800	Pioneer	P9411HR	W B R L					100	26.0	0	101	99	24.5	0	101	27.4	0	
2800	Pioneer	P9519AM	W B R O					100	28.5	0	100	109	26.3	0	88	30.7	0	
2800	PRIDE Seeds	A6012G3	B D R	102	27.2	0	100	98	30.5	0	99	92	28.4	0	104	32.7	0	
2825	DEKALB	DKC43-47	W B D R L O					99	29.6	0	98	101	27.8	0	96	31.5	0	
2825	Elite	E64K42 R	B R O					104	29.4	0	98	104	27.8	1	103	30.9	0	
2825	Hyland	HL CVR54	B D R	105	27.7	2	97	100	29.3	0	96	100	27.7	0	101	30.9	0	
2825	Hyland, Mycogen	8300RA	W B D R L O	94	26.6	2	97	95	28.0	0	98	101	26.5	0	87	29.4	0	
2825	Maizex	MZ 3490SMX	W B D R L O	98	26.5	0	103	103	28.1	0	102	102	26.1	0	103	30.1	0	
2825	PICKSEED	2844VT2P	B R O	109	26.8	0	96	104	28.6	0	97	108	27.6	0	98	29.6	0	
2825	PRIDE Seeds	A6060G2	B R O					100	27.2	1	98	101	26.1	2	99	28.2	0	
2850	Elite	15W10 FLR	W B D R L O					103	28.7	0	98	102	26.9	0	105	30.6	0	
2850	Elite	E65F12 R	B R O					105	29.9	0	99	108	28.0	0	100	31.8	0	
2850	Hyland, Mycogen	8377RA	W B D R L O	100	26.4	2	96	95	27.8	0	96	95	25.7	0	95	30.0	0	
2850	Pioneer	38A57	W B R L	102	27.3	1	101	98	28.8	0	101	101	25.8	1	94	31.7	0	
2850	Pioneer	P9623AM	W B R O					101	29.7	1	101	97	27.1	2	105	32.2	0	
2850	Pioneer	P9675YXR	W B D R L O					102	28.2	0	98	99	27.1	0	105	29.2	0	
2850	PRIDE Seeds	A6030G8	W B D R L O					102	29.0	0	100	106	26.8	0	97	31.3	0	
2875	DEKALB	DKC45-51	W B D R L O	101	30.3	0	97	98	31.6	0	98	94	30.2	0	103	33.0	0	
2875	DEKALB	DKC46-07	W B D R L O	106	27.5	1	102	109	28.0	0	102	104	27.2	0	117	28.7	0	
2875	Elite	E67H22 R	B R O					103	29.2	0	100	101	28.1	0	104	30.3	0	
2900	Elite	44S29 RR	B D R					95	29.8	0	102	94	27.9	1	97	31.6	0	
2900	Pioneer	P9855HR	W B R L					110	28.8	0	97	110	27.3	1	110	30.3	0	
2950	Pioneer	P9917XR	W B D R L					110	29.2	0	99	109	27.5	0	110	30.9	0	
LSD (0.10) for Yield Index Points*				3				6				6			12			
Average all hybrids **				207	25.6	2	68	200	27.1	0	68	226	25.5	1	175	28.8	0	

¹ Elora 2011-2012, Pakenham 2011, Wingham 2011-2012

² Elora, Wingham

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 3 East: Lancaster, Ottawa, Winchester 2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials					
			average of 5 trials				average of 2 trials				WINCHESTER			LANCASTER		
			Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2650	Hyland, Mycogen 8202RA	W B D R L O					102	19.9	0	100	107	18.7	0	97	21.2	0
2650	Maizex MZ 2988DBR	B R O					93	19.3	3	99	89	18.8	0	95	19.8	6
2650	Pioneer P8906AM	W B R O					90	19.6	1	102	88	19.4	0	93	19.9	1
2650	Pioneer P8906XR	W B D R L					94	19.7	0	104	96	19.6	0	92	19.9	1
2675	DEKALB DKC38-03	B R O					102	19.4	1	102	107	19.0	1	98	19.8	2
2675	Horizon HZ 792BtGT	B R L	94	20.2	3	105	89	19.2	1	104	87	19.0	0	91	19.5	3
2675	Hyland, Mycogen 8234RA	W B D R L O	91	20.8	0	99	90	19.1	0	99	94	18.6	0	87	19.6	0
2675	PICKSEED 2670VT3P	B D R					104	19.6	1	99	104	19.2	1	103	19.9	2
2700	Hyland, Mycogen 8295RA	W B D R L O	96	20.9	0	98	96	19.7	1	99	97	19.2	1	95	20.3	1
2700	Maizex MZ 3020CBR	B D R	95	20.8	1	104	93	19.9	3	104	92	19.9	0	93	19.9	5
2700	PICKSEED 2751GSX	W B D R L O	98	21.9	1	100	95	19.4	2	101	94	19.2	0	96	19.5	3
2700	PICKSEED 2792VT2P	B R O					100	19.4	1	101	99	19.0	0	100	19.8	2
2700	Pioneer 38B14	W B D R L	89	22.6	1	100	88	20.4	1	100	87	19.9	1	89	20.9	1
2700	Pioneer P9329HR	W B R L O					103	20.3	4	103	103	19.9	2	103	20.8	6
2725	DEKALB DKC40-22	W B D R L O	96	23.3	0	102	99	20.7	0	102	102	20.2	0	97	21.2	0
2725	Horizon HZ 850	R	91	22.6	5	102	88	21.1	6	102	85	20.3	8	90	21.9	3
2750	Maizex MZ 3066DBR	B R O	100	22.3	1	101	100	19.2	2	101	100	18.9	0	100	19.5	3
2750	Pioneer 38N94AM	W B R O	97	21.6	1	101	94	20.5	3	101	92	20.2	0	96	20.8	5
2775	DEKALB DKC42-72	B D R	99	21.5	0	100	101	20.1	0	100	101	19.8	0	102	20.4	0
2775	Maizex MZ 3202SMX	W B D R L O					99	19.4	3	101	94	19.1	2	104	19.8	4
2775	PICKSEED 2759		102	22.2	1	97	98	20.5	2	96	95	19.7	0	100	21.2	4
2800	Country Farm CF409	W B D R L O	103	21.2	4	102	102	20.0	9	100	104	19.6	5	101	20.3	12
2800	DEKALB DKC43-10	B R O					109	20.1	1	99	110	19.5	0	108	20.8	2
2800	DEKALB DKC43-27	B D R	94	21.5	0	101	100	19.9	0	101	102	19.5	0	98	20.3	1
2800	Maizex MZ 3124BR	B R L	108	21.1	6	99	103	20.4	12	97	103	20.1	2	104	20.8	22
2800	Maizex MZ 312X		101	21.5	11	99	95	20.3	21	98	94	19.8	7	97	20.8	34
2800	Mycogen Seeds 2J337	B D R	101	21.0	1	102	101	19.5	2	102	102	19.1	0	100	20.0	4
2800	PICKSEED 2843RR	R	102	22.8	2	97	102	20.9	3	97	104	21.2	3	100	20.5	3
2800	Pioneer 38M58	W B R L	102	22.1	0	104	100	20.4	0	104	100	20.1	0	99	20.6	0
2800	Pioneer P9411HR	W B R L					96	20.2	0	101	96	19.5	0	96	20.8	0
2800	Pioneer P9519AM	W B R O					103	20.3	8	100	103	20.2	1	103	20.5	15
2800	PRIDE Seeds A6012G3	B D R	103	20.3	0	103	103	19.3	1	102	102	19.0	0	104	19.7	1
2825	Country Farm CF434	B R O	99	22.0	1	101	100	20.2	2	101	100	19.4	0	100	21.0	3
2825	DEKALB DKC43-47	W B D R L O					101	20.1	0	100	100	19.8	0	103	20.4	0
2825	Hyland HL CVR54	B D R	103	22.7	0	97	102	20.9	0	100	105	20.5	0	99	21.3	1
2825	Hyland, Mycogen 8300RA	W B D R L O	87	23.5	1	97	89	20.3	3	98	89	19.4	1	89	21.3	4
2825	Maizex MZ 3490SMX	W B D R L O	95	23.3	0	104	98	21.2	1	104	96	21.0	0	101	21.4	2
2825	NK Brand N29T-3111	W B D R L					98	19.6	7	98	97	19.5	0	99	19.7	14
2825	PICKSEED 2844VT2P	B R O	104	22.1	0	98	100	20.3	0	97	99	20.0	0	100	20.6	0
2825	PRIDE Seeds A6060G2	B R O					98	19.6	5	100	102	19.2	0	95	19.9	9
2850	Hyland, Mycogen 8377RA	W B D R L O	97	22.6	1	98	93	21.3	3	98	90	20.6	0	96	21.9	6
2850	Hyland, Mycogen 8395RA	W B D R L O	96	24.1	0	99	96	21.6	1	99	97	20.9	0	95	22.3	1
2850	Maizex MZ 3344R	R					99	21.1	3	98	98	20.6	2	100	21.5	5
2850	NK Brand N33R-3000GT	B D R L	98	21.6	0	102	96	20.1	1	101	94	20.0	0	98	20.2	2
2850	Pioneer 38A57	W B R L	100	22.9	0	104	98	21.2	1	105	102	20.6	0	95	21.7	2
2850	Pioneer P9623AM	W B R O					98	21.4	1	103	96	21.3	1	100	21.6	2
2850	Pioneer P9675YXR	W B D R L O					99	21.3	4	101	102	20.5	0	97	22.1	9

Table 3 East: Lancaster, Ottawa, Winchester 2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials						
				average of 5 trials				average of 2 trials				WINCHESTER			LANCASTER			
				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	A6030G8	W B D R L O					101	20.8	2	100	97	20.1	0	104	21.5	3	
2850	PRIDE Seeds	A6272G8	W B D R L O	100	23.9	2	99	93	20.7	4	99	92	19.7	0	93	21.6	8	
2875	Country Farm	CF440		94	23.4	13	98	92	21.1	21	98	92	21.2	18	92	21.0	23	
2875	Country Farm	CF447VT3	B D R	100	23.4	1	100	101	21.2	2	101	107	20.6	0	96	21.8	3	
2875	Country Farm	CF455GSX	W B D R L O	99	24.4	0	101	100	22.3	0	101	102	21.8	0	98	22.8	0	
2875	Country Farm	CF466	W B D R L O	99	22.0	1	102	100	20.1	1	103	100	19.7	0	100	20.6	1	
2875	DEKALB	DKC45-51	W B D R L O	101	25.1	4	98	96	21.7	9	98	93	21.2	0	99	22.2	17	
2875	DEKALB	DKC46-07	W B D R L O	102	23.6	0	102	104	21.3	1	103	108	20.5	0	101	22.0	2	
2875	PRIDE Seeds	A6419G2	B R O	109	22.7	0	102	106	21.1	1	102	106	20.8	0	106	21.4	1	
2875	PRIDE Seeds	A6509G2	B R O					108	20.9	2	101	113	20.8	0	104	21.1	3	
2900	DEKALB	DKC46-19	W B D R L O	101	24.1	1	100	103	21.3	1	101	103	20.9	0	103	21.7	1	
2900	Elite	X9939	B D R					106	21.4	1	99	107	21.3	0	105	21.5	2	
2900	Maizex	MZ 3515DBR	B R O					100	21.2	2	102	97	21.0	0	102	21.4	3	
2900	Maizex	MZ 3872CB	B R L	95	23.3	1	102	87	20.7	1	101	83	21.0	1	91	20.4	2	
2900	Maizex	MZ 3977CBR	B D R	101	23.9	1	102	101	21.4	3	101	102	21.1	0	100	21.7	5	
2900	Mycogen Seeds	2P484	B D R	102	22.7	1	99	102	20.8	2	98	99	20.5	0	104	21.0	4	
2900	PICKSEED	2902VT2P	B R O					105	21.6	2	100	105	21.3	0	105	21.9	3	
2900	Pioneer	P9855HR	W B R L	107	24.7	1	98	105	22.5	1	98	107	22.0	0	104	23.0	2	
2900	PRIDE Seeds	A6535G8	W B D R L O	104	25.2	0	100	101	23.0	1	101	101	22.9	0	100	23.1	2	
2900	PRIDE Seeds	A6840G2	B R O	104	22.6	0	99	103	20.9	0	99	102	21.1	0	104	20.7	1	
2950	DEKALB	DKC48-12	W B D R L O	104	23.8	1	97	102	21.7	2	97	103	21.5	0	100	21.9	4	
2950	Hyland, Mycogen	X21596NT						93	23.1	3	98	85	21.9	2	99	24.3	3	
2950	Maizex	MZ 390X						103	22.1	3	101	102	21.7	0	103	22.5	5	
2950	PICKSEED	2960VT3P	B D R					106	22.3	0	98	110	22.0	0	103	22.6	0	
2950	Pioneer	P9807HR	W B R L O	109	26.2	4	96	108	23.1	8	96	107	22.3	1	109	23.8	16	
2950	Pioneer	P9910XR	W B D R L	108	23.8	0	96	107	21.9	0	97	108	21.2	0	106	22.6	0	
2950	Pioneer	P9917XR	W B D R L	106	24.3	1	99	104	22.2	2	99	105	22.0	0	103	22.4	3	
2975	DEKALB	DKC50-78	B R O					108	22.4	1	98	109	21.6	0	107	23.1	1	
2975	Elite	E69R29 R	B D R					108	23.1	0	99	108	22.6	0	108	23.6	0	
2975	Hyland, Mycogen	8491RA	W B D R L O					100	22.3	0	98	101	22.3	0	99	22.3	1	
2975	Maizex	MZ 3985DBR	B R O					100	22.3	7	102	96	21.8	3	103	22.8	11	
3000	DEKALB	DKC49-94	W B D R L O	100	25.9	0	98	102	23.0	0	98	104	22.5	0	101	23.6	0	
3000	Elite	X7374						106	23.4	5	99	104	23.1	5	107	23.7	6	
3000	Hyland, Mycogen	8486RA	W B D R L O					99	22.6	0	98	96	21.5	0	103	23.8	0	
3050	Elite	E71579 R	B D R					110	25.1	7	100	111	26.0	1	108	24.3	12	
3050	Pioneer	P0125HR	W B R L	113	26.7	7	98	106	24.0	16	97	108	23.2	0	105	24.7	32	
3100	Pioneer	P0216AM	W B R O					110	25.1	1	94	112	24.7	0	109	25.5	2	
3100	Pioneer	P0474HR	W B R L O					116	23.9	1	99	114	23.1	0	117	24.7	3	
LSD (0.10) for Yield Index Points*				2				3				6			3			
Average all hybrids **				226	22.9	2	69	220	21.0	3	72	205	20.6	1	235	21.4	5	

¹ Lancaster 2011-2012, Ottawa 2011, Winchester 2011-2012

² Lancaster, Winchester

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 3 West: Blyth, Dublin, Waterloo

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
			average of 6 trials				average of 3 trials				DUBLIN			BLYTH			WATERLOO		
			Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2650	Hyland, Mycogen 8202RA	W B D R L O					96	24.6	0	97	93	22.8	0	94	24.2	0	100	26.8	0
2650	Maizex MZ 2988DBR	B R O					96	22.4	8	101	94	21.4	15	94	22.4	10	101	23.4	0
2650	Pioneer P8906AM	W B R O					91	22.5	5	101	98	22.0	5	90	23.8	8	83	21.8	0
2650	Pioneer P8906XR	W B D R L					93	22.6	7	104	97	23.1	9	91	22.5	13	91	22.1	0
2675	DEKALB DKC38-03	B R O					107	23.0	16	103	101	22.1	16	105	22.5	32	116	24.4	0
2675	Horizon HZ 792BtGT	B R L	88	23.6	4	104	90	22.7	5	103	94	22.4	1	92	23.2	16	83	22.6	0
2675	Hyland, Mycogen 8234RA	W B D R L O	90	24.3	2	100	91	23.4	3	100	89	24.9	2	96	22.4	7	85	22.8	0
2675	PICKSEED 2670VT3P	B D R					103	23.9	5	101	104	23.5	6	97	23.5	10	108	24.7	0
2700	Hyland, Mycogen 8295RA	W B D R L O	95	24.9	1	99	93	23.3	2	98	95	22.8	0	89	22.1	5	96	24.9	0
2700	Maizex MZ 3020CBR	B D R	92	24.6	6	103	89	23.6	10	103	87	22.7	18	86	22.3	13	95	25.7	0
2700	PICKSEED 2751GSX	W B D R L O	98	25.5	2	101	96	24.2	4	100	94	23.7	0	97	22.8	13	97	26.0	0
2700	PICKSEED 2792VT2P	B R O									103	23.8	10	100	22.4	1			
2700	Pioneer 38B14	W B D R L					90	22.6	5	102	94	22.5	0	89	22.8	14	85	22.5	0
2700	Pioneer P9329HR	W B R L O					94	24.2	9	102	97	24.2	12	93	23.5	15	92	25.0	0
2725	DEKALB DKC40-22	W B D R L O	96	25.7	2	103	98	24.4	3	104	96	24.3	6	99	24.2	3	100	24.8	0
2750	Horizon HZ 872	B R L	97	23.3	7	101	98	22.0	13	100	94	21.0	20	104	22.3	19	94	22.6	0
2750	Maizex MZ 3066DBR	B R O	100	26.0	7	100	96	23.3	13	102	96	21.9	21	90	22.6	19	103	25.4	0
2750	Pioneer 38N94AM	W B R O	96	25.3	5	101	94	23.9	7	101	96	24.3	8	93	23.5	12	93	23.9	0
2775	DEKALB DKC42-72	B D R	100	25.4	1	101	102	23.6	2	100	99	22.2	0	102	22.7	6	107	25.9	0
2775	Maizex MZ 3202SMX	W B D R L O					100	23.9	6	101	100	24.2	3	97	22.6	14	104	24.9	0
2775	PICKSEED 2759		105	27.1	5	97	105	25.9	7	96	108	24.1	9	108	24.5	14	98	29.1	0
2775	PRIDE Seeds A6125						104	23.4	3	101	104	22.2	1	105	23.0	8	104	25.0	0
2800	Country Farm CF409	W B D R L O	101	25.5	4	101	100	24.4	7	101	101	23.1	10	95	23.3	10	103	26.7	0
2800	DEKALB DKC43-10	B R O					106	23.8	5	101	105	24.3	6	107	23.0	10	108	24.2	0
2800	DEKALB DKC43-27	B D R	96	25.0	0	101	100	23.2	1	101	95	22.1	2	99	23.4	1	104	24.2	0
2800	Maizex MZ 3124BR	B R L	106	24.5	4	99	106	23.9	6	99	108	22.3	1	102	23.7	16	106	25.8	0
2800	Maizex MZ 312X		107	24.3	5	99	107	23.2	7	99	111	22.1	7	108	22.9	14	101	24.5	0
2800	Mycogen Seeds 2J337	B D R	97	27.2	0	100	100	25.9	1	102	103	23.6	3	96	24.5	0	101	29.6	0
2800	PICKSEED 2843RR	R	102	28.3	1	97	99	27.2	2	96	101	25.8	0	101	25.5	6	95	30.3	0
2800	Pioneer 38M58	W B R L	94	26.2	1	102	93	24.7	1	102	90	25.1	0	96	24.1	3	92	24.9	0
2800	Pioneer P9411HR	W B R L					96	23.6	10	101	94	23.3	7	101	23.0	23	94	24.4	0
2800	Pioneer P9519AM	W B R O					97	24.7	13	101	106	23.3	8	94	23.9	30	91	27.0	0
2800	PRIDE Seeds A6010G2	B R O	97	25.8	5	100	95	24.5	8	100	89	23.2	20	95	23.8	5	103	26.5	0
2825	Country Farm CF434	B R O	101	25.5	2	102	101	24.7	4	101	104	24.6	2	105	24.4	10	95	25.0	0
2825	DEKALB DKC43-47	W B D R L O					100	24.7	1	100	99	24.3	0	103	23.4	3	98	26.4	0
2825	Hyland HL CVR54	B D R	99	26.3	5	98	97	24.8	6	98	95	23.2	3	97	25.4	17	99	25.7	0
2825	Hyland, Mycogen 8300RA	W B D R L O	95	25.6	7	98	98	24.2	13	99	101	23.2	1	102	23.5	40	90	25.7	0
2825	Maizex MZ 3490SMX	W B D R L O	94	26.6	2	104	95	25.7	3	104	96	24.0	1	86	23.7	8	104	29.3	0
2825	NK Brand N29T-3111	W B D R L					101	22.8	5	98	101	21.2	2	104	23.0	13	96	24.2	0
2825	PICKSEED 2844VT2P	B R O	105	27.6	1	97	103	26.3	1	97	104	25.4	0	104	24.2	3	100	29.4	0
2825	PRIDE Seeds A6060G2	B R O					95	23.4	14	101	96	21.9	28	98	23.3	15	89	24.9	0
2850	Hyland, Mycogen 8377RA	W B D R L O	100	25.2	3	97	102	24.2	4	97	99	22.6	10	104	24.1	2	104	25.9	1
2850	Hyland, Mycogen 8395RA	W B D R L O	98	26.1	2	98	97	25.0	3	97	99	23.9	1	97	23.6	8	94	27.4	0
2850	Maizex MZ 3344R	R					104	25.0	1	100	107	24.2	1	100	25.1	2	107	25.8	0
2850	NK Brand N33R-3000GT	B D R L	102	24.1	7	102	99	22.4	12	102	104	20.9	13	92	22.8	23	101	23.4	0
2850	Pioneer 38A57	W B R L	94	26.8	2	104	88	25.8	4	103	86	25.6	2	94	24.1	11	83	27.8	0
2850	Pioneer P9623AM	W B R O					96	25.4	12	102	99	25.0	17	95	24.5	18	93	26.9	0

Table 3 West: Blyth, Dublin, Waterloo

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
				average of 6 trials				average of 3 trials				DUBLIN			BLYTH			WATERLOO		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2850	Pioneer	P9675YXR	W B D R L O					100	24.3	10	101	101	23.2	22	100	23.6	9	100	26.2	0
2850	PRIDE Seeds	A6030G8	W B D R L O					99	25.8	2	100	98	25.4	0	100	24.5	6	100	27.5	0
2850	PRIDE Seeds	A6272G8	W B D R L O					103	25.7	6	98	105	24.7	0	103	24.2	19	98	28.3	0
2875	Country Farm	CF440		105	24.7	24	98	104	23.7	45	99	100	22.9	54	104	23.6	79	107	24.5	1
2875	Country Farm	CF447VT3	B D R	92	27.2	3	101	90	26.1	5	101	87	24.7	5	92	25.2	11	91	28.5	0
2875	Country Farm	CF455GSX	W B D R L O	98	27.3	3	101	101	26.1	5	101	99	25.8	2	101	24.9	12	103	27.6	0
2875	Country Farm	CF466	W B D R L O	99	25.9	0	102	97	24.3	0	102	101	23.5	0	100	23.9	0	89	25.4	0
2875	DEKALB	DKC45-51	W B D R L O	101	29.4	1	98	101	27.9	2	98	97	26.1	0	101	25.3	7	105	32.2	0
2875	DEKALB	DKC46-07	W B D R L O	103	27.1	2	103	108	25.6	3	104	108	23.9	6	105	24.4	3	111	28.5	0
2900	DEKALB	DKC46-19	W B D R L O	100	28.0	0	101	98	26.0	0	101	99	24.3	0	98	24.5	0	98	29.3	0
2900	Elite	X9939	B D R					101	27.0	1	99	100	25.3	0	95	27.7	4	107	28.0	0
2900	Maizex	MZ 3515DBR	B R O					99	26.3	2	101	97	24.7	7	102	24.5	1	96	29.6	0
2900	Maizex	MZ 3872CB	B R L	96	25.5	3	102	97	24.3	3	103	101	22.9	2	104	23.8	7	83	26.2	0
2900	Maizex	MZ 3977CBR	B D R	101	27.5	5	101	100	26.4	7	101	102	25.8	7	102	25.2	13	96	28.2	1
2900	Mycogen Seeds	2P484	B D R	98	26.7	6	98	96	24.3	7	98	85	23.3	4	100	24.3	17	103	25.4	0
2900	PICKSEED	2902VT2P	B R O					103	25.9	3	101	94	23.7	5	98	25.2	4	118	29.0	0
2900	Pioneer	P9855HR	W B R L	106	27.1	1	100	107	25.7	2	100	105	24.2	0	107	24.4	5	107	28.5	0
2900	PRIDE Seeds	A6535G8	W B D R L O	105	28.2	2	102	101	26.8	3	101	98	27.0	5	103	25.8	3	102	27.7	0
2950	DEKALB	DKC48-12	W B D R L O	104	28.9	0	97	104	27.7	0	97	103	25.7	0	108	26.3	1	99	31.0	0
2950	Hyland, Mycogen	X21596NT						104	28.0	1	97	105	25.2	0	107	26.7	2	98	32.1	0
2950	Maizex	MZ 390X						103	27.6	12	101	105	25.7	26	103	25.9	10	102	31.2	0
2950	PICKSEED	2960VT3P	B D R					101	26.5	1	98	103	24.8	2	106	25.9	2	94	28.8	0
2950	Pioneer	P9807HR	W B R L O	109	27.4	0	98	110	26.2	0	97	110	25.9	0	114	25.1	0	104	27.6	0
2950	Pioneer	P9910XR	W B D R L	113	27.5	1	96	108	26.1	2	97	112	24.0	1	102	24.1	6	109	30.3	0
2950	Pioneer	P9917XR	W B D R L	108	27.6	5	99	107	26.5	9	98	113	26.4	3	99	24.5	24	108	28.5	0
2950	PRIDE Seeds	A6757G8	W B D R L O					106	27.3	2	98	105	25.9	4	105	26.4	3	107	29.7	0
2975	DEKALB	DKC50-78	B R O					106	26.9	0	101	105	25.8	0	106	24.7	0	106	30.1	0
2975	Elite	E69R29 R	B D R					104	27.8	6	99	106	26.3	3	97	26.2	16	108	30.8	0
2975	Hyland, Mycogen	8491RA	W B D R L O					100	28.6	4	97	96	27.8	4	97	26.5	8	106	31.4	0
2975	Maizex	MZ 3985DBR	B R O					104	27.6	7	101	100	25.7	7	100	26.0	14	111	31.1	0
3000	DEKALB	DKC49-94	W B D R L O	105	28.8	0	99	108	27.1	1	99	104	25.2	0	110	26.0	3	109	30.2	0
3000	Elite	X7374										106	26.3	2	116	25.6	22			
3000	Hyland, Mycogen	8486RA	W B D R L O					98	26.7	9	97	96	25.0	0	97	24.5	27	103	30.6	0
3000	PRIDE Seeds	A7160G2	B R O					103	27.0	5	99	101	26.0	1	103	25.2	15	105	29.7	0
3050	Elite	E71579 R	B D R					106	30.2	1	100	101	29.4	2	108	28.9	2	109	32.2	0
3050	Pioneer	P0125HR	W B R L	108	29.1	7	98	101	27.9	13	97	102	27.5	15	98	25.2	25	104	31.0	0
3100	Pioneer	P0216AM	W B R O					113	30.1	4	95	114	29.8	4	112	26.7	9	111	33.7	0
3100	Pioneer	P0474HR	W B R L O					111	27.8	4	99	109	26.6	5	116	26.2	6	107	30.6	0
LSD (0.10) for Yield Index Points*				3				4				6			7			9		
Average all hybrids **				211	26.3	3	68	219	25.2	6	69	230	24.2	6	221	24.3	11	206	27.1	0

¹ Blyth 2011-2012, Dublin 2011-2012, Waterloo 2011-2012

² Blyth, Dublin, Waterloo

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 4: Exeter, Ilderton, Thorndale, Woodstock 2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: Lodging notes at Exeter were recorded after the site had been hit by tropical storm "Sandy". Prior to that event, the trial had been standing well.

CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials											
			average of 7 trials				average of 4 trials				EXETER			THORNDALE			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 %
2700	Pioneer P9329HR	W B R L O					95	21.9	23	104	99	21.1	79	89	23.5	6	96	20.9	7	96	22.1	0
2750	Pioneer 38N94AM	W B R O	91	23.1	8	103	90	22.0	8	102	93	20.8	28	89	25.2	0	93	20.9	5	85	21.0	0
2800	Mycogen Seeds 2J337	B D R	94	24.3	9	100	98	22.9	16	101	92	21.3	59	104	26.3	0	101	20.1	3	93	23.9	0
2800	Pioneer 38M58	W B R L	90	23.3	4	104	90	21.8	4	104	95	20.8	17	85	24.7	0	94	20.7	1	86	21.2	1
2800	Pioneer P9411HR	W B R L					92	21.6	18	101	84	21.1	68	91	23.3	0	101	20.7	3	92	21.3	0
2800	Pioneer P9519AM	W B R O					99	22.2	17	101	110	20.4	55	97	25.5	2	98	20.4	11	93	22.4	0
2850	Hyland, Mycogen 8395RA	W B D R L O	93	23.4	3	100	90	21.8	4	102	87	20.4	15	99	23.6	0	89	20.7	1	85	22.7	0
2850	Maizex MZ 3344R	R					101	22.2	8	101	103	20.8	28	102	25.3	0	100	20.3	3	98	22.3	1
2850	NK Brand N33R-3000GT	B D R L	94	22.0	10	102	93	20.6	16	102	95	19.5	56	91	22.8	1	97	19.2	5	91	20.7	0
2850	Pioneer 38A57	W B R L	93	24.4	5	105	94	23.1	7	104	95	21.9	16	91	26.9	0	95	20.5	11	94	23.1	1
2850	Pioneer P9623AM	W B R O					97	23.6	22	101	101	21.5	60	91	26.8	2	105	22.0	26	93	24.1	1
2850	Pioneer P9675YXR	W B D R L O					97	22.3	23	101	101	21.7	56	97	25.2	2	98	20.8	32	90	21.4	1
2900	DEKALB DKC46-19	W B D R L O	99	25.3	5	102	101	23.7	9	103	110	21.3	36	96	27.9	0	99	21.9	1	98	23.8	0
2900	Maizex MZ 3515DBR	B R O					92	23.0	12	103	91	21.6	43	90	25.9	1	100	20.9	5	87	23.4	0
2900	Maizex MZ 3977CBR	B D R	96	24.7	14	102	98	23.1	20	101	92	20.9	66	97	26.8	6	99	21.2	8	102	23.5	1
2900	Mycogen Seeds 2P484	B D R	93	23.5	11	101	89	21.8	17	101	91	20.6	63	89	23.8	0	90	20.4	3	87	22.5	1
2900	PICKSEED 2902VT2P	B R O					105	23.4	19	103	104	21.2	57	110	26.4	0	101	21.6	18	105	24.4	0
2900	Pioneer P9855HR	W B R L	101	25.4	9	100	103	23.4	10	100	106	21.7	41	104	26.3	0	97	21.3	0	104	24.3	0
2900	PRIDE Seeds A6535G8	W B D R L O					98	23.6	10	103	94	21.8	36	106	26.2	0	94	22.0	2	98	24.3	0
2950	Country Farm CF496GSX	W B D R L O	99	26.3	6	99	100	23.9	10	99	93	22.2	42	104	26.5	0	99	22.2	0	104	24.8	0
2950	DEKALB DKC48-12	W B D R L O	103	25.5	3	97	108	23.6	3	97	122	21.7	12	103	26.4	0	106	22.2	1	102	24.0	0
2950	Hyland HL CVR68	B D R	99	25.8	10	102	96	24.0	16	102	86	22.5	40	97	26.6	2	97	21.9	23	103	25.0	0
2950	Hyland, Mycogen X21596NT						98	24.2	14	98	93	21.3	50	100	27.7	1	100	21.0	4	100	26.8	1
2950	NK Brand N36A-3000GT	B D R L					99	22.5	14	99	95	20.7	49	95	27.0	0	101	20.9	9	103	21.5	0
2950	Pioneer P9807HR	W B R L O	103	24.5	8	99	105	22.7	11	100	102	21.3	45	107	25.2	0	107	21.6	0	106	22.6	0
2950	Pioneer P9910XR	W B D R L	107	25.1	9	97	104	23.0	14	97	103	20.8	55	103	26.2	0	108	21.1	0	103	23.8	0
2950	Pioneer P9917XR	W B D R L	105	25.4	12	99	108	23.9	19	99	106	22.6	75	115	26.9	0	109	21.9	0	102	24.0	0
2950	PRIDE Seeds A6757G8	W B D R L O					102	23.9	12	101	96	22.6	47	102	27.0	0	108	22.3	0	103	23.8	0
2975	Country Farm CF550		96	24.5	17	96	99	23.2	24	96	94	21.4	72	99	26.7	4	105	21.3	19	99	23.6	0
2975	DEKALB DKC50-78	B R O					106	24.2	2	100	109	22.4	8	105	27.1	1	101	21.7	1	111	25.4	0
2975	Hyland, Mycogen 8491RA	W B D R L O	97	26.8	10	100	96	24.6	15	100	99	21.7	56	93	29.0	0	97	22.6	5	95	25.2	0
2975	Maizex MZ 3980R	R	102	25.7	17	104	101	23.5	27	104	87	22.3	78	99	26.1	5	111	21.7	25	106	23.8	0
2975	Maizex MZ 3985DBR	B R O					96	23.6	27	103	93	21.9	81	100	26.6	0	89	21.3	25	100	24.5	1
3000	DEKALB DKC49-94	W B D R L O	97	25.8	2	100	99	23.6	4	100	107	21.4	14	95	27.2	0	95	21.7	0	100	24.0	0
3000	Elite X7374										102	21.7	36	109	27.6	0	100	22.3	19			
3000	Elite X9524	B D R					103	25.2	14	99	108	23.3	53	102	29.2	0	102	23.0	3	101	25.2	0
3000	Hyland, Mycogen 8486RA	W B D R L O					102	23.0	9	99	108	21.8	30	101	25.9	0	101	21.0	4	99	23.3	0
3000	Maizex MZ 4030SMX	W B D R L O	99	25.4	7	99	97	23.8	10	99	90	22.1	37	98	27.3	0	101	21.5	1	97	24.2	0
3000	PICKSEED 3090VT2P	B R					101	24.0	7	99	104	21.9	26	102	27.4	0	96	22.1	2	100	24.4	0
3050	Country Farm CF586	W B D R L O					103	24.4	15	102	110	22.0	44	101	27.8	1	97	21.4	17	105	26.5	0
3050	Elite E71S79 R	B D R					104	26.2	14	100	100	23.7	49	107	29.2	0	106	24.9	6	103	27.1	0
3050	Hyland 8505RA	W B D R L O					105	25.2	8	97	118	22.6	31	99	28.9	0	102	23.3	0	101	26.1	0
3050	Hyland 8524	W B D R L	95	28.2	13	100	93	26.4	17	100	89	23.7	59	97	30.2	0	91	23.8	8	92	27.8	0
3050	Hyland 8526	W B D R L					99	24.7	14	97	100	21.7	53	98	28.8	0	101	22.8	2	98	25.6	0
3050	Hyland, Mycogen X12569RR	R					98	25.1	15	99	104	22.0	45	96	28.8	1	92	22.9	15	100	26.9	0

Table 4: Exeter, Ilderton, Thorndale, Woodstock 2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

Note: Lodging notes at Exeter were recorded after the site had been hit by tropical storm "Sandy". Prior to that event, the trial had been standing well.

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials											
				average of 7 trials				average of 4 trials				EXETER			THORNDALE			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 %
3050	Maizex	MZ 4092DBR	B R O	102	25.9	12	101	101	23.8	19	101	94	21.7	71	97	25.7	0	101	22.6	5	111	25.0	0
3050	NK Brand	N45P-4011	B D R L					100	23.5	14	100	103	21.3	48	96	26.3	0	97	22.0	9	103	24.5	0
3050	PICKSEED	3066VT3P	B D R					100	25.1	11	101	100	22.9	45	98	27.5	0	100	23.9	1	101	26.0	0
3050	Pioneer	P0125HR	W B R L	104	26.0	13	99	99	24.1	22	99	97	21.6	75	103	27.5	1	100	23.1	13	96	24.4	0
3050	PRIDE Seeds	A7004G8	W B D R L O	100	27.2	3	99	99	25.4	4	99	105	23.2	18	96	27.8	0	94	23.4	0	104	27.0	0
3050	PRIDE Seeds	A7188G8	W B D R L O					104	23.8	15	101	102	21.2	56	105	28.1	0	101	21.7	5	106	24.3	0
3075	DEKALB	DKC50-45	W B D R L O	106	27.5	11	99	105	25.1	16	99	102	22.8	59	107	28.8	0	99	22.4	5	112	26.6	0
3075	PRIDE Seeds	A7270G8	W B D R L O					104	27.1	9	99	104	24.7	34	108	30.4	0	100	23.6	2	102	29.6	0
3100	DEKALB	DKC52-03	W B D R L O	104	27.5	5	99	103	25.5	6	99	109	23.6	24	101	28.7	1	100	23.2	1	102	26.5	0
3100	DEKALB	DKC52-59	B D R	106	26.8	7	99	104	24.8	11	99	106	22.3	43	104	29.5	0	103	21.8	0	104	25.4	0
3100	DEKALB	DKC52-62	R	108	26.5	7	100	109	24.5	9	100	112	22.4	33	114	28.8	0	103	22.0	2	108	24.8	1
3100	Hyland, Mycogen	8552RA	W B D R L O	103	28.3	5	97	100	26.1	7	96	101	23.8	25	94	31.0	0	101	23.1	2	105	26.7	0
3100	Maizex	MZ 4365CBR	W B D R L					102	25.4	25	99	99	22.8	53	102	30.3	0	101	22.1	48	105	26.4	0
3100	Pioneer	P0216AM	W B R O					109	25.3	19	96	112	21.8	69	109	28.8	1	111	23.1	8	105	27.5	0
3100	Pioneer	P0474HR	W B R L O	107	26.3	10	101	103	23.9	16	101	93	22.0	59	108	26.2	1	108	21.1	5	102	26.1	0
3125	PRIDE Seeds	A7292G8	W B D R L O	103	28.7	15	98	101	26.4	21	98	96	24.5	79	102	29.6	0	104	24.2	7	101	27.1	0
3150	Hyland, Mycogen	8595RA	W B D R L O	99	28.2	15	98	95	26.5	22	98	88	24.2	80	97	29.6	0	103	23.9	8	92	28.1	0
3150	Maizex	MZ 4490DBR	B R O	101	30.4	10	97	101	28.7	11	97	108	24.8	43	96	33.7	0	94	26.8	2	106	29.4	0
3150	Pioneer	35F50AM	W B R O					108	26.3	19	100	106	22.9	72	108	30.6	0	109	24.1	4	109	27.7	0
3150	Pioneer	P0448XR	W B D R L	104	27.5	11	103	101	25.1	18	103	95	22.5	71	102	29.3	0	101	23.7	2	105	25.0	0
3150	Pioneer	P0453HR	W B R L	106	27.6	7	98	105	25.6	9	97	112	22.2	35	104	31.5	0	100	22.5	1	104	26.3	0
3200	Maizex	MZ 4640SMX	W B D R L O					102	26.7	21	97	102	24.3	69	107	29.6	0	97	24.9	14	102	27.9	2
3200	Pioneer	P0621HR	W B R L					104	24.8	11	98	98	23.0	45	106	29.1	1	102	22.0	1	109	25.2	0
3225	DEKALB	DKC56-33	W B D R L O	101	29.2	10	100	97	27.3	16	100	97	24.9	63	90	31.6	0	104	24.3	2	98	28.2	0
LSD (0.10) for Yield Index Points*				3				4				9			7			8			8		
Average all hybrids **				217	26.0	9	68	224	24.1	14	69	204	22.1	48	235	27.5	1	224	22.1	7	233	24.8	0

¹ Exeter 2011-2012, Ilderton 2011-2012, Thorndale 2012, Woodstock 2011-2012

² Exeter, Ilderton, Thorndale, Woodstock

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 5: Belmont, Kerwood, West Lorne

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
				average of 6 trials				average of 3 trials				BELMONT			KERWOOD			WEST LORNE		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2800	Horizon	HZ 942BtGT	B R L	99	23.2	5	100	96	22.5	1	101	94	22.9	1	96	22.2	2	98	22.3	1
2850	Pioneer	38A57	W B R L	88	23.1	1	107	86	22.5	1	107	84	23.5	1	91	21.9	1	83	22.0	1
2850	Pioneer	P9623AM	W B R O					90	24.2	0	103	85	26.1	1	91	23.4	0	95	23.0	0
2850	Pioneer	P9675YXR	W B D R L O					91	22.0	0	104	94	22.2	0	94	22.1	0	85	21.6	0
2900	Pioneer	P9855HR	W B R L	98	24.1	2	101	98	23.3	0	101	102	23.4	1	94	22.9	0	98	23.6	0
2950	DEKALB	DKC48-12	W B D R L O	97	24.5	0	100	101	23.8	0	100	102	25.1	0	102	23.3	0	99	23.1	0
2950	Hyland	HL CVR68	B D R	98	24.6	2	103	103	24.3	0	104	102	25.5	0	89	22.9	1	118	24.7	0
2950	Pioneer	P9807HR	W B R L O	101	24.4	1	100	105	22.8	1	101	110	23.3	2	102	22.5	0	103	22.7	1
2950	Pioneer	P9910XR	W B D R L	101	23.4	0	98	98	22.6	0	99	99	23.3	0	99	22.1	1	95	22.5	0
2950	Pioneer	P9917XR	W B D R L	98	23.8	1	101	99	23.5	0	101	101	24.9	1	97	22.4	0	99	23.4	0
2975	DEKALB	DKC50-78	B R O					100	24.4	0	102	101	25.4	0	99	23.5	0	101	24.4	0
2975	Hyland, Mycogen	8491RA	W B D R L O	94	25.9	0	102	95	25.1	0	101	97	25.8	0	92	24.3	0	96	25.2	0
3000	DEKALB	DKC49-94	W B D R L O	96	24.9	0	101	102	23.6	0	102	97	24.7	0	103	22.7	0	104	23.5	0
3000	Hyland, Mycogen	8486RA	W B D R L O					99	24.2	0	99	95	26.2	0	101	23.3	0	101	23.3	0
3000	Maizex	MZ 4030SMX	W B D R L O	99	24.0	2	101	99	23.2	0	100	102	24.4	1	94	22.3	0	103	22.9	1
3050	Hyland	8505RA	W B D R L O					97	25.1	1	98	100	25.6	0	93	24.2	0	98	25.4	2
3050	Hyland	8524	W B D R L	93	26.8	0	100	88	26.5	0	99	90	26.9	0	87	25.7	0	86	26.9	1
3050	Hyland	8526	W B D R L					91	24.1	2	97	89	24.4	5	89	23.2	0	95	24.8	0
3050	Hyland, Mycogen	X12569RR	R					98	24.8	2	101	99	26.7	1	100	23.8	0	95	23.8	5
3050	Maizex	MZ 4092DBR	B R O					99	24.1	0	103	97	25.8	1	99	22.4	0	99	24.0	0
3050	NK Brand	N45P-4011	B D R L					100	23.4	1	101	103	23.6	0	95	22.5	0	101	24.0	2
3050	PICKSEED	3066VT3P	B D R					102	24.4	0	102	104	25.0	0	99	23.5	1	103	24.8	0
3050	Pioneer	P0125HR	W B R L	101	25.3	1	100	98	24.2	0	101	91	25.6	0	99	23.8	0	102	23.1	0
3050	PRIDE Seeds	A7004G8	W B D R L O	97	25.1	0	101	96	24.4	0	101	95	26.7	0	98	23.0	0	96	23.6	0
3050	PRIDE Seeds	A7188G8	W B D R L O					103	23.8	0	103	109	25.8	0	98	22.3	0	102	23.2	0
3075	DEKALB	DKC50-45	W B D R L O	101	26.2	2	100	104	25.2	1	100	108	26.5	0	98	23.4	1	105	25.7	1
3100	DEKALB	DKC52-03	W B D R L O	97	24.8	1	101	101	24.0	1	101	107	24.1	1	97	23.3	2	98	24.7	1
3100	DEKALB	DKC52-59	B D R									112	25.9	0	96	23.4	0			
3100	Horizon	HZ 1055BtGt	B R L	107	27.6	0	99	108	27.5	0	98	104	28.6	0	108	25.1	1	112	28.9	0
3100	Hyland, Mycogen	8552RA	W B D R L O	101	26.8	1	99	100	25.1	1	98	93	25.9	0	100	24.2	0	106	25.3	2
3100	Maizex	MZ 4365CBR	W B D R L	97	25.8	1	98	91	25.6	0	98	77	26.3	0	99	23.9	1	96	26.5	0
3100	Pioneer	P0216AM	W B R O					112	24.6	0	98	115	26.2	0	115	23.7	0	106	24.1	1
3100	Pioneer	P0474HR	W B R L O	112	25.9	1	102	111	24.9	0	102	111	26.3	1	109	24.1	0	114	24.1	0
3125	Horizon	HZ 1066 - 3111	W B D R L					100	25.1	0	97	98	24.7	0	102	25.7	0	100	24.9	0
3125	Mycogen Seeds	8581RA	W B D R L O	101	27.5	1	98	100	26.8	0	96	100	27.1	0	102	25.1	0	97	28.3	0
3125	PRIDE Seeds	A7292G8	W B D R L O	103	27.6	1	100	103	26.6	0	100	107	27.8	0	101	25.4	0	102	26.6	0
3150	Hyland	HL 4521	W B D R L					96	27.1	0	98	93	28.5	0	99	25.2	0	95	27.7	1
3150	Hyland, Mycogen	8595RA	W B D R L O	98	27.6	1	98	97	26.3	0	98	95	26.8	0	102	24.8	1	92	27.4	1
3150	Maizex	MZ 447X		97	29.3	0	99	102	29.5	0	98	99	31.8	0	102	26.9	0	103	29.8	0
3150	Maizex	MZ 4490DBR	B R O	99	28.7	2	99	95	28.6	1	98	89	31.4	0	100	25.6	0	96	28.7	2
3150	NK Brand	N53W-3000GT	B D R L	107	26.3	2	99	106	25.2	0	98	110	25.8	0	108	23.8	0	102	26.1	1
3150	Pioneer	35F50AM	W B R O					105	26.0	0	102	110	27.3	0	102	24.4	0	102	26.4	1

Table 5: Belmont, Kerwood, West Lorne

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
				average of 6 trials				average of 3 trials				BELMONT			KERWOOD			WEST LORNE		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
3150	Pioneer	P0448XR	W B D R L	102	26.6	1	104	100	24.6	0	104	99	25.5	0	99	24.3	0	100	24.1	0
3150	Pioneer	P0453HR	W B R L	101	26.4	1	99	101	25.5	0	98	100	26.0	1	103	24.5	0	99	25.9	0
3175	Horizon	HZ 1091	B D R L					98	27.8	0	99	91	30.6	1	97	25.2	0	104	27.5	0
3175	PICKSEED	3194VT2P	B R					104	27.2	1	99	99	27.8	1	108	25.7	0	103	28.1	2
3175	PRIDE Seeds	A7330G2	B R O					106	28.6	1	98	105	30.0	0	101	26.9	1	111	28.9	2
3200	Elite	X9615	W B D R L					101	26.5	1	102	105	27.5	0	99	24.5	0	97	27.5	2
3200	Maizex	MZ 4640SMX	W B D R L O	102	27.3	1	99	104	26.2	1	99	103	27.6	1	104	25.4	1	104	25.5	0
3200	Pioneer	P0621HR	W B R L	103	25.8	1	99	104	25.0	0	100	107	26.3	0	99	24.2	0	106	24.5	0
3225	DEKALB	DKC56-33	W B D R L O	100	28.3	1	101	97	27.3	1	100	93	28.4	0	96	26.4	1	99	27.0	1
3250	Country Farm	CF677	W B D R L O					102	29.0	1	98	106	30.3	2	103	26.3	1	98	30.3	1
3250	Country Farm	CF692R	R									102	26.2	1	106	24.4	0			
3250	DEKALB	DKC57-50	B D R	101	30.4	1	97	103	30.2	0	98	99	31.8	0	103	27.0	0	108	31.8	1
3250	Hyland, Mycogen	X12634NT						97	27.3	1	97	104	27.1	2	108	25.6	0	78	29.3	1
3250	Pioneer	35H42	W B R L	103	27.7	1	103	99	26.7	0	104	96	30.0	0	98	25.0	1	103	25.0	0
3250	Pioneer	P0891XR	W B D R L	105	29.2	3	101	100	30.2	0	100	95	31.8	0	104	27.3	0	100	31.6	1
3275	Country Farm	CF710						98	27.6	1	97	95	27.9	2	104	26.0	3	92	29.0	0
3300	DEKALB	DKC59-64	B D R	108	29.8	1	98	106	28.7	0	97	108	29.4	1	103	26.7	0	108	30.1	1
3300	Elite	E78Y12 R	B R O					101	29.3	1	99	100	30.5	1	107	27.4	1	95	30.0	0
3300	Maizex	MZ 5562DBR	B R O	100	28.6	0	99	102	28.2	0	99	109	28.6	0	91	25.9	0	107	30.2	0
3325	DEKALB	DKC61-21	W B D R L O	96	30.6	1	97	96	29.4	0	96	95	31.2	0	98	26.9	0	94	30.2	0
3350	Hyland	4687	B D R L									104	32.6	0	106	29.8	1			
3350	Hyland	X12629HR	W B R					105	30.7	0	94	108	31.5	0	101	28.8	0	104	31.9	0
3350	Pioneer	P0987XR	W B D R L					101	27.3	0	103	97	28.5	1	105	26.2	0	101	27.4	0
3400	Pioneer	P1184AM	W B R O					113	28.9	0	103	111	30.8	0	116	26.8	0	112	29.2	0
LSD (0.10) for Yield Index Points*				3				4				7			6			8		
Average all hybrids **				231 26.4 1 67				246 25.8 0 68				236 27.0 0			262 24.6 0			242 26.1 0		

¹ Belmont 2011-2012, Kerwood 2011-2012, West Lorne 2011-2012

² Belmont, Kerwood, West Lorne

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

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

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

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

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

Table 6: Ridgetown, Tilbury, Wallaceburg

2012 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
				average of 6 trials				average of 3 trials				RIDGETOWN			TILBURY			WABASH		
				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 %
3100	DEKALB	DKC52-03	W B D R L O	91	20.2	1	101	92	20.6	1	103	90	20.9	2	92	19.5	0	92	21.5	0
3100	DEKALB	DKC52-59	B D R	92	20.2	1	99	93	20.6	0	101	95	20.9	1	97	18.5	0	89	22.2	0
3100	Hyland, Mycogen	8552RA	W B D R L O					96	21.5	0	99	95	21.8	0	98	19.8	0	94	22.7	0
3100	Maizex	MZ 4365CBR	W B D R L	96	20.4	0	100	93	20.8	0	101	91	20.7	1	90	19.6	0	99	22.0	0
3100	Pioneer	P0216AM	W B R O					106	21.0	0	99	108	21.6	0	101	19.3	0	108	22.0	1
3100	Pioneer	P0474HR	W B R L O	98	20.5	0	101	98	21.1	0	103	98	21.4	0	96	19.4	0	102	22.4	0
3125	Horizon	HZ 1066 - 3111	W B D R L					99	20.9	0	100	98	20.8	0	96	19.3	0	103	22.4	0
3125	Mycogen Seeds	8581RA	W B D R L O	96	21.3	0	98	98	22.1	0	97	97	22.1	0	100	20.4	0	97	23.7	0
3150	Hyland	HL 4521	W B D R L					96	21.9	0	100	97	21.9	0	99	20.4	0	92	23.4	0
3150	Hyland, Mycogen	8595RA	W B D R L O	91	20.8	1	100	90	21.6	0	100	92	21.6	0	90	20.1	0	88	23.1	0
3150	Maizex	MZ 447X						98	21.9	1	99	98	21.3	3	102	20.4	0	96	24.0	0
3150	Maizex	MZ 4490DBR	B R O	100	21.2	1	99	102	21.8	1	99	99	21.2	2	108	20.8	0	100	23.4	0
3150	Pioneer	35F50AM	W B R O					97	21.5	0	103	96	21.1	0	97	20.6	0	98	22.9	0
3150	Pioneer	P0448XR	W B D R L	96	20.4	1	104	95	20.9	0	105	96	21.1	0	95	19.4	0	95	22.2	0
3150	Pioneer	P0453HR	W B R L	100	19.6	0	99	98	20.1	0	100	96	20.1	0	100	18.9	0	99	21.2	0
3175	Horizon	HZ 1091	B D R L	97	20.9	2	100	101	21.9	0	99	99	21.7	1	101	20.7	0	102	23.2	0
3200	Maizex	MZ 4640SMX	W B D R L O	94	20.4	0	101	97	21.0	0	102	100	20.6	0	101	20.1	0	91	22.3	0
3200	Pioneer	P0621HR	W B R L	103	20.6	1	100	104	21.3	0	101	102	21.1	1	103	20.1	0	108	22.7	0
3225	DEKALB	DKC56-33	W B D R L O	96	21.8	1	101	93	22.4	0	101	93	22.2	0	95	20.6	0	92	24.5	0
3250	DEKALB	DKC57-50	B D R	104	22.5	1	97	108	23.4	0	98	110	23.1	0	107	21.3	0	105	25.7	0
3250	Hyland, Mycogen	X12634NT						103	21.4	0	98	101	21.5	1	104	19.9	0	105	22.8	0
3250	Pioneer	35H42	W B R L	106	20.8	1	105	101	21.2	0	106	99	20.4	0	105	20.7	0	98	22.4	0
3250	Pioneer	P0891XR	W B D R L	104	21.7	1	103	99	23.3	0	102	100	22.8	0	96	22.1	0	101	25.1	0
3250	PRIDE Seeds	A7880G8	W B D R L O					97	22.9	0	98	96	22.8	0	96	20.8	0	99	25.2	0

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CHU	Brand and/or Hybrid	Notes ³	2011-2012 averages ¹				2012 averages ²				Results of 2012 Performance Trials								
			average of 6 trials				average of 3 trials				RIDGETOWN			TILBURY			WABASH		
			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 %
3275	Country Farm CF710						96	23.0	0	100	98	22.0	0	100	22.6	0	91	24.3	0
3300	Country Farm CF747	W B D R L O					105	22.5	1	102	101	22.3	1	104	21.2	1	108	23.9	0
3300	DEKALB DKC59-64	B D R	104	21.8	1	99	103	22.3	1	100	99	22.2	2	102	20.6	0	108	24.2	0
3300	Elite E78Y12 R	B R O					100	22.7	0	99	104	22.7	1	94	20.7	0	100	24.7	0
3300	Maizex MZ 5562DBR	B R O	100	22.0	1	100	101	22.6	1	101	104	22.8	2	100	21.1	0	98	24.0	0
3325	DEKALB DKC61-21	W B D R L O	99	22.3	1	99	99	23.3	0	98	98	22.4	1	101	22.9	0	99	24.6	0
3350	Country Farm CF762	R	106	22.2	1	101	104	23.1	1	100	105	22.2	2	102	22.0	1	104	25.0	0
3350	Hyland 4687	B D R L					109	24.2	0	96	108	23.2	0	107	23.1	0	111	26.4	0
3350	Hyland X12629HR	W B R					103	24.4	0	93	107	23.8	0	100	22.9	0	102	26.5	0
3350	Pioneer P0987XR	W B D R L					99	22.1	0	104	104	21.8	0	96	21.2	0	97	23.4	0
3350	PRIDE Seeds A8220G2	B R O	101	21.3	0	96	101	22.0	0	97	101	22.3	1	104	20.0	0	99	23.8	0
3375	Country Farm CF789	W B D R L	104	21.7	0	98	103	22.5	0	97	103	22.8	0	97	21.2	0	107	23.3	0
3375	Country Farm CF800		110	21.5	2	103	107	22.5	1	103	108	21.6	4	105	21.6	0	107	24.4	0
3400	Pioneer P1184AM	W B R O					103	23.1	0	103	107	22.4	1	102	22.5	0	100	24.4	0
3425	NK Brand N68B-3111	W B D R L	112	22.8	1	97	113	24.4	1	96	107	24.7	2	115	23.0	0	118	25.6	0
LSD (0.10) for Yield Index Points*			2				3				5			5			7		
Average all hybrids **			243	21.2	1	72	249	22.1	0	71	263	21.9	1	216	20.8	0	267	23.6	0

¹ Ridgetown 2011-2012, Tilbury 2011-2012, Wabash 2011-2012

² Ridgetown, Tilbury, Wabash

³ "O" indicates "Available with refuge included". For other codes, see Table "Explanation of Codes for Special Genetic Events"

* 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.

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