

**Table 1: Orangeville, Dundalk**

**2017 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

The Orangeville location was approved by the OCC committee although moisture variability was higher than normally accepted. Higher moisture variability may have resulted from higher harvest moistures and may result in a larger LSD value. Take the LSD printed at the bottom of tables into consideration when deciding if one hybrid is better than another. E.g., if the LSD is 10, two hybrids with yield indexes of 110 and 99 are different, while two with indexes of 110 and 101 are not

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2016-2017 averages <sup>1</sup>				2017 averages <sup>2</sup>				Results of 2017 Performance Trials					
					average of 4 trials				average of 2 trials				DUNDALK			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2300	Legend Seeds	LR 9473 RR	4	C	94	23.3	5	103	100	26.8	8	105	103	24.8	1	96	28.7	15
2300	Legend Seeds	LR 9573 VT2PRIB	6	C	81	23.7	1	104	85	26.4	2	105	85	25.9	0	85	27.0	4
2325	Legend Seeds	LR 9474 VT2PRIB	6	C	90	22.9	0	103	91	25.6	1	104	97	24.0	0	86	27.1	2
2325	Legend Seeds	LR 9874 VT2PRIB	6	C					84	26.0	4	109	94	24.0	1	75	28.0	7
2400	Dow Seeds	CNX160036VX	29	C					94	28.1	3	98	94	28.0	1	94	28.3	5
2400	Dow Seeds	DS80A27RA	8	C	93	23.1	0	98	94	25.9	0	96	93	27.0	1	95	24.7	0
2400	Legend Seeds	LR 9676 VT2PRIB	6	C	88	23.5	0	104	87	26.5	0	103	87	26.7	0	87	26.2	1
2400	Pioneer	P8234AM	23	L					97	28.7	0	99	94	28.6	0	99	28.7	1
2425	Legend Seeds	LR 9579 RR	4	C	96	23.4	1	101	106	26.3	1	101	109	26.3	0	103	26.4	2
2450	Maizex	MZ 2311DBR	6	F	99	24.7	0	102	104	27.6	0	102	112	27.3	0	98	27.9	0
2500	Country Farm	CF186	6	A	90	23.4	1	105	100	25.9	1	106	102	24.5	0	100	27.2	3
2500	De Dell	DL 1111	0	-					94	28.9	1	99	95	30.3	0	93	27.5	1
2500	DEKALB	DKC33-78RIB	6	A	98	23.5	0	103	100	26.2	0	103	108	25.2	1	92	27.1	0
2500	Dow Seeds	DS83T15	29	C	96	23.5	7	99	95	25.8	14	98	94	24.8	8	96	26.8	20
2500	Maizex	MZ 2495DBR	6	F	100	25.8	0	102	101	29.4	0	102	102	30.0	0	100	28.7	1
2500	NK Brand	NK8288 3110	22	C	100	24.5	4	104	105	26.6	9	107	109	25.3	0	102	28.0	18
2500	Pioneer	P8387AM	23	L	105	24.0	1	100	110	27.2	3	100	120	27.2	1	100	27.2	5
2500	PRIDE Seeds	A5151G2 RIB	6	A	106	25.3	3	99	108	29.1	5	98	107	29.4	1	109	28.8	8
2550	Country Farm	CF190	0	A	92	24.4	0	102	92	28.0	1	101	91	27.5	1	94	28.5	1
2550	Country Farm	CF192	4	A	94	25.3	0	101	97	29.4	1	101	102	28.5	0	93	30.2	1
2550	DEKALB	DKC34-57RIB	6	A	105	25.5	1	99	105	28.6	2	98	103	29.4	0	107	27.9	5
2550	Maizex	MZ 211X	0	F	105	25.5	7	99	101	29.1	13	100	106	29.4	2	97	28.8	24
2550	Pioneer	P8542AM	23	L	105	24.6	1	100	106	27.4	1	100	98	28.1	1	113	26.8	2
2575	Legend Seeds	LS 5082 Conv.	0	C	102	26.0	1	100	107	30.4	1	102	107	31.3	1	107	29.6	1
2575	PICKSEED	PS 2552RR	4	A	108	24.7	3	99	112	26.4	1	101	115	25.6	0	109	27.2	3
2575	PRIDE Seeds	A5225G2 RIB	6	A	101	24.2	0	102	99	27.6	0	104	104	27.1	0	95	28.0	1
2600	DEKALB	DKC35-88RIB	6	A	103	25.0	0	101	109	28.6	1	100	110	29.1	0	108	28.0	2
2600	Legend Seeds	LR 9583 VT2PRIB	6	C	97	24.8	1	100	93	28.5	1	99	97	27.8	0	90	29.3	3
2600	Maizex	MZ 2655DBR	6	F					94	27.3	1	102	98	26.4	0	90	28.1	1
2600	Pioneer	P8700AM	23	L					108	31.1	5	99	118	31.4	1	100	30.7	9
2600	PRIDE Seeds	A5323G2 RIB	6	A					101	28.9	0	97	95	29.8	0	107	28.1	1
2625	CROPLAN	2587VT2P/RIB	6	A					100	29.2	1	99	104	29.7	0	97	28.7	1
2625	Dow Seeds	DS84J77RA	8	C	95	27.2	0	96	89	32.2	0	95	85	34.0	0	93	30.4	1

**Table 1: Orangeville, Dundalk**

**2017 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

The Orangeville location was approved by the OCC committee although moisture variability was higher than normally accepted. Higher moisture variability may have resulted from higher harvest moistures and may result in a larger LSD value. Take the LSD printed at the bottom of tables into consideration when deciding if one hybrid is better than another. E.g., if the LSD is 10, two hybrids with yield indexes of 110 and 99 are different, while two with indexes of 110 and 101 are not

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2016-2017 averages <sup>1</sup>				2017 averages <sup>2</sup>				Results of 2017 Performance Trials					
					average of 4 trials				average of 2 trials				DUNDALK			ORANGEVILLE		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2625	Legend Seeds	LR 98A84	21	C					98	31.0	1	99	96	31.0	1	100	31.0	1
2625	NK Brand	NK8618 3011A	21	C	106	25.6	3	100	103	29.1	6	101	99	30.8	1	107	27.5	12
2625	PICKSEED	PS 2676VT2P RIB	6	A	96	25.2	1	99	96	28.8	2	98	99	29.5	0	94	28.1	3
2625	PICKSEED	PS 2777RR	4	A					106	29.6	0	98	97	29.7	0	114	29.4	1
2650	DEKALB	DKC37-93RIB	6	A	103	25.3	2	99	101	28.7	5	100	114	28.7	0	88	28.7	9
2650	Legend Seeds	LR 9785 VT2PRIB	6	C					96	29.4	1	100	100	31.2	0	92	27.6	1
2650	NK Brand	NK8519 3110	22	C	108	25.9	1	100	105	29.9	2	100	113	29.4	0	97	30.4	4
2650	PICKSEED	PS 26733VT2P	6	A					103	28.7	1	98	105	29.2	1	101	28.1	2
2650	Pioneer	P9188AM	23	L	107	25.9	0	99	111	29.0	0	99	110	28.3	0	111	29.7	1
2650	PRIDE Seeds	A5432G2 RIB	6	A					97	29.1	2	97	94	29.9	1	99	28.3	3
2675	Country Farm	CF266	4	A	99	25.5	1	99	98	29.6	1	100	86	31.0	1	109	28.3	2
2675	Country Farm	CF279	27	A					101	32.9	0	99	89	34.9	0	112	30.9	1
2675	CROPLAN	2845VT2P/RIB	6	A					99	30.3	0	97	96	32.3	0	102	28.2	0
2675	DEKALB	DKC38-03RIB	6	A	105	26.4	0	98	99	29.6	0	98	90	29.6	0	107	29.6	0
2675	DEKALB	DKC38-55RIB	6	A	109	25.9	2	96	106	29.8	1	97	109	30.4	0	103	29.1	3
2675	PICKSEED	PS 2790	0	A	108	25.9	1	98	111	28.8	1	99	106	29.2	1	115	28.3	1
2700	Horizon	HZ 797GT	14	F	112	27.8	10	97	109	32.9	19	97	104	35.3	0	113	30.6	37
2700	Maizex	MZ 2810DBR	6	F	99	26.9	1	98	101	30.4	0	98	105	29.9	0	97	31.0	0
2700	Pioneer	P9188AMX	25	L	101	26.0	0	99	94	30.3	0	99	89	31.1	0	99	29.5	1
2700	PRIDE Seeds	A5914G2 RIB	6	A	103	25.7	0	98	99	28.9	0	99	99	29.3	0	99	28.6	0
2725	DEKALB	DKC40-77RIB	8	P5	100	26.4	1	98	96	30.3	1	98	95	31.1	1	96	29.5	1
2750	Legend Seeds	LR 9391 VT2PRIB	6	C					106	30.6	1	99	102	29.6	1	109	31.5	1
2750	Legend Seeds	LR 9688 VT2PRIB	6	C	100	26.2	0	99	94	30.5	0	99	92	31.7	0	96	29.3	1
2750	Legend Seeds	LS 5391 Conv.	0	C					109	30.8	1	101	104	31.3	1	113	30.3	1
2750	Maizex	MZ 3033DBR	6	F					110	29.3	1	99	105	29.8	0	114	28.9	2
2775	DEKALB	DKC42-60RIB	8	P5	100	29.2	0	97	93	34.9	0	98	84	35.7	1	101	34.1	0
2800	CROPLAN	3399SS/RIB	8	A					94	38.3	0	99	83	40.0	0	104	36.6	0
LSD (0.10) for Yield Index Points*					6				9				14			13		
Average all hybrids **					174 25.2 2 64				166 29.0 2 59				154 29.2 0			177 28.8 4		

<sup>1</sup> Orangeville 2016-2017, Dundalk 2016-2017

<sup>2</sup> Orangeville, Dundalk

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

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

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