

Table 1: Orangeville, Dundalk

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

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

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

¹ Orangeville 2017-2018, Dundalk 2017-2018

² Orangeville, Dundalk

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

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

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