

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 ¹				2020 averages ²			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 ³ Wt 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

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					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Test ³ Wt 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	31.7	1	64	195	29.2	0	187	27.3	0	63	202	31.1	0	68

¹ Orangeville 2019-2020, Dundalk 2019-2020

² Orangeville, Dundalk

³ 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.