

**Table 1: Orangeville, Dundalk**

**2021 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2020-2021 averages <sup>1</sup>				2021 averages <sup>2</sup>				Results of 2021 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 %
2150	Pioneer	P7574AM	23	L					91	23.2	1	104	88	24.4	0	94	22.0	1
2225	Pioneer	P7844AM	23	L					93	24.4	0	101	96	26.4	0	90	22.5	0
2250	Pioneer	P7861AM	23	L	88	25.5	0	102	87	24.6	0	101	92	26.3	0	81	22.9	0
2250	Saatbau	AMELLO	0	C	95	27.3	1	105	94	25.8	1	105	90	28.1	0	98	23.4	1
2300	Brevant	B79H45AM	23	L					93	25.5	0	100	94	27.2	0	92	23.8	0
2300	Pioneer	P7955AM	23	L	88	25.8	0	104	83	24.3	0	103	84	25.8	0	81	22.9	0
2375	CROPLAN	CP2180VT2P	6	F					99	24.5	0	98	99	26.9	0	98	22.1	0
2400	Pioneer	P8234AM	23	L	89	25.5	0	101	92	24.5	0	101	98	26.8	0	85	22.3	0
2400	Pioneer	P8294AM	23	L					98	24.1	1	101	98	25.3	0	99	23.0	1
2425	Brevant	B83R36AM	23	L	96	26.5	0	99	95	26.0	1	99	100	27.9	0	89	24.1	1
2425	CROPLAN	CP2112ASD/EZ	33	F					93	25.7	0	101	88	27.6	0	99	23.7	0
2425	De Dell	DL 1100	0	-					95	25.6	0	104	97	27.2	1	92	24.0	0
2450	CROPLAN	2288VT2P/RIB	6	F	95	27.4	0	102	92	26.9	0	101	93	30.7	0	92	23.0	0
2450	De Dell	Devour	0	-	98	29.2	0	102	100	28.2	0	101	101	31.7	0	98	24.6	0
2450	Horizon	HX 2252	0	F					110	26.9	0	98	111	29.7	0	109	24.0	0
2450	Pioneer	P8407AM	23	L	101	27.9	0	98	101	27.4	0	98	97	30.4	0	106	24.5	0
2450	Saatbau	ATLANTICO	0	C					106	27.3	0	103	114	28.7	0	97	25.8	0
2475	Saatbau	ALBIREO	0	C	99	28.8	1	105	99	27.0	2	104	99	29.3	1	98	24.8	4
2500	CROPLAN	CP2315VT2P/RIB	6	F	102	26.5	0	100	100	24.9	0	99	106	27.3	0	92	22.5	0
2500	DEKALB	DKC33-37RIB	6	A	99	26.2	0	102	98	25.7	0	101	99	28.7	0	96	22.6	0
2500	DLF PICKSEED	PS 2563GSX RIB	8	L	95	28.8	0	99	96	28.2	0	99	95	30.4	0	98	26.0	0
2500	PRIDE Seeds	A5105	0	F					95	25.0	0	103	98	26.5	0	91	23.5	0
2550	Horizon	HZ 2534	27	F	100	28.3	0	101	103	27.1	0	101	99	29.0	0	107	25.1	0
2550	Horizon	HZ 2536	34	F	99	28.8	0	101	106	26.8	0	102	103	29.0	0	109	24.5	0
2550	Maizex	E53G52 R	6	F	98	26.7	0	101	98	25.5	0	100	102	27.9	0	93	23.1	0
2550	Maizex	MZ 248X	0	F	100	28.4	0	101	103	26.9	0	102	100	30.8	0	106	23.1	0
2550	NK Brand	NK8204-3220	27	F	96	28.1	0	101	95	25.9	0	101	99	28.2	0	91	23.5	0
2550	Pioneer	P8537AM	23	L	96	27.4	0	100	99	27.2	0	100	95	30.1	0	103	24.3	0
2550	Pioneer	P8736AM	23	L	104	27.8	0	98	102	26.3	0	98	102	28.7	0	101	23.8	0
2575	DEKALB	DKC35-29RIB	6	L					106	27.1	0	101	104	30.6	0	108	23.6	0
2575	DEKALB	DKC35-37RIB	6	A	104	28.0	0	99	104	26.6	0	98	102	29.4	0	107	23.9	0
2575	DLF PICKSEED	PS 2570VT2P RIB	6	L					109	27.1	0	101	110	30.5	0	108	23.8	0
2575	PRIDE Seeds	A5225G2 RIB	6	F	96	27.2	0	102	94	26.4	0	102	96	29.1	0	92	23.6	0
2600	CROPLAN	CF255	6	F	96	27.8	0	102	91	26.7	0	102	89	28.2	0	94	25.1	0
2600	DEKALB	DKC36-48RIB	6	L					110	26.4	0	100	108	29.0	0	113	23.9	1
2600	DLF PICKSEED	PS 2635VT2P RIB	6	L	101	28.8	0	100	100	27.1	0	99	99	29.8	0	102	24.5	0

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					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 %
2600	Maizex	MZ 2699DBR	6	F	108	28.0	0	99	107	27.1	0	99	105	29.9	0	109	24.4	0
2600	Pioneer	P8820Q	36	L					95	26.2	0	99	95	28.8	0	94	23.6	0
2600	Saatbau	EGIDIO	0	C	104	28.7	0	96	108	27.0	0	97	107	30.5	0	109	23.5	1
2625	DEKALB	DKC36-86RIB	6	A	104	28.3	0	97	103	27.0	0	97	105	29.7	0	100	24.3	0
2625	DLF PICKSEED	PS 2777RR	4	L	104	29.1	0	99	105	28.4	0	99	104	32.0	0	105	24.9	0
2650	DEKALB	DKC37-73RIB	6	A	104	28.0	0	98	104	27.0	0	99	104	29.6	0	105	24.4	0
2650	NK Brand	NK8519-5222	34	F	93	29.8	0	97	96	28.0	1	99	100	30.7	1	91	25.2	0
2650	NK Brand	NK8618-5122A	33	F	103	28.9	0	99	104	27.7	0	99	102	31.0	0	106	24.4	0
2650	Pioneer	P9188AM	23	L	104	28.1	0	99	111	27.3	0	99	107	29.7	0	115	24.9	0
2650	PRIDE Seeds	A5404G2 RIB	6	F	102	28.1	0	100	97	27.1	0	99	91	29.2	0	104	24.9	0
2675	DEKALB	DKC38-15RIB	32	L					105	27.5	0	99	99	30.6	0	111	24.4	0
2675	Maizex	MZ 2982DBR	6	F	113	29.3	0	99	111	28.4	0	99	109	31.5	0	113	25.3	0
2675	PRIDE Seeds	A5383G8 RIB	8	F	101	28.6	0	99	99	27.3	0	100	106	30.0	0	92	24.6	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	105	28.9	0	99	107	27.2	0	99	107	29.7	0	107	24.6	0
2725	DEKALB	DKC39-55RIB	6	L	109	29.5	0	98	107	27.8	0	97	107	30.0	0	107	25.6	0
2725	DEKALB	DKC40-99RIB	32	L					103	29.4	2	98	98	32.3	5	109	26.6	0
2725	NK Brand	NK9023-5222	34	F					100	29.3	0	97	99	32.2	0	101	26.4	0
2800	DEKALB	DKC42-05RIB	6	L	108	29.3	0	97	111	28.4	0	97	109	31.2	0	114	25.6	0
LSD (0.10) for Yield Index Points*					4				6				9			9		
Average all hybrids **					208	28.0	0	67	221	26.6	0	69	234	29.1	0	208	24.1	0

<sup>1</sup> Orangeville 2020-2021, Dundalk 2020-2021

<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.

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.