

Table 1: Harriston, Dundalk, Orangeville

2023 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2022-2023 averages <sup>1</sup>				2023 averages <sup>2</sup>				Results of 2023 Performance Trials					
					average of 4 trials				average of 2 trials				DUNDALK			HARRISTON		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2075	Pioneer	P7389AM	23	L					96	21.9	3	104	101	22.6	0	91	21.2	6
2100	CROPLAN	CP1440VT2P	6	F					102	25.3	0	101	103	26.6	0	100	24.1	0
2100	Pioneer	P72068AM	23	L					93	21.5	3	107	96	23.9	0	90	19.2	5
2150	Pioneer	P7574AM	23	L	95	23.2	1	106	102	22.7	1	105	107	23.2	0	98	22.1	3
2200	Brevant	B76C31AM	23	L					99	23.7	3	104	97	25.7	0	101	21.7	6
2250	Maizex	MZ 1544DBR	6	F	98	23.8	0	101	102	24.6	1	98	111	25.8	0	94	23.4	1
2275	Saatbau	SL18441	0	C					103	25.1	3	106	107	29.3	0	100	20.9	5
2300	Brevant	B79H45AM	23	L	99	24.9	0	101	102	25.4	1	99	104	28.2	0	101	22.6	1
2300	Maizex	MZ 1688DBR	6	F	98	25.1	1	102	101	24.7	2	101	99	27.4	0	103	21.9	4
2325	Saatbau	SL10541	0	C					110	27.8	7	101	101	31.6	0	118	24.0	14
2350	Pioneer	P8048AM	23	L					100	25.8	0	101	102	28.7	0	98	22.9	0
2375	CROPLAN	CP2180VT2P	6	F	101	24.0	0	101	102	23.8	0	100	99	26.0	0	105	21.6	0
2375	Saatbau	SL16143	0	C					108	28.7	0	104	98	34.2	0	116	23.2	0
2400	Brevant	B82R52AM	23	L					92	26.5	1	97	97	28.6	0	88	24.4	1
2400	Pioneer	P82288AM	23	L					101	24.8	3	99	103	27.2	0	100	22.3	5
2400	Pioneer	P8294AM	23	L	98	23.7	0	103	99	23.5	1	102	106	25.9	0	94	21.2	1
2450	Brevant	B85V67AM	23	L					100	24.9	1	98	104	29.2	0	97	20.7	3
2450	CROPLAN	2288VT2P/RIB	6	F	93	24.7	0	103	96	25.0	0	103	102	28.2	0	92	21.7	0
2450	DEKALB	DKC32-49RIB	6	AD	98	24.8	0	101	95	25.6	0	99	91	27.7	0	97	23.4	0
2450	Maizex	MZ 2266DBR	6	F	100	24.4	0	104	98	24.2	0	103	106	27.3	0	92	21.2	0
2450	Pioneer	P8407AM	23	L	99	27.0	1	97	102	27.6	1	96	109	32.1	1	96	23.0	1
2500	CROPLAN	CP2315VT2P/RIB	6	F	99	25.1	0	101	96	24.8	1	101	100	28.7	0	93	20.8	1
2500	Maizex	MZ 2344DBR	6	F					102	24.4	3	101	93	27.7	0	109	21.2	6
2525	De Dell	DL 1815	0	-					101	27.3	2	100	98	29.9	0	103	24.7	4
2525	DEKALB	DKC084-60RIB	6	AD					104	25.9	0	99	100	29.1	0	107	22.7	0
2525	NK Brand	EXP8223-AA	28	F					100	25.3	1	98	89	29.8	0	109	20.8	1
2550	Brevant	B87D33AM	23	L					100	27.8	0	98	108	32.1	0	93	23.6	0
2550	Horizon	HZ 2536	34	F					103	28.2	1	101	103	33.2	0	103	23.2	1
2550	NK Brand	NK8204-V	27	F	94	26.1	0	102	91	26.4	1	101	88	31.2	0	93	21.6	1
2550	Pioneer	P8537AM	23	L	85	25.7	0	100	84	25.9	1	99	85	30.8	0	82	21.1	1
2575	DEKALB	DKC35-29RIB	6	AD	103	25.4	0	102	105	25.4	0	101	113	29.1	0	98	21.8	0
2575	DEKALB	DKC35-34RIB	8	AD	100	25.6	0	100	100	25.7	1	100	104	29.1	0	97	22.3	1

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					average of 4 trials				average of 2 trials				DUNDALK			HARRISTON		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	DEKALB	DKC36-48RIB	6	AD	108	27.0	1	99	105	27.2	2	99	100	31.8	0	108	22.6	4
2600	Maizex	MZ 269	0	F	111	25.9	0	100	111	25.8	0	99	110	29.0	0	111	22.6	0
2600	Maizex	MZ 2699DBR	6	F	108	26.0	0	99	108	25.7	0	100	113	27.6	0	104	23.7	0
2600	Saatbau	EGIDIO	0	C	96	27.1	1	97	95	27.8	1	97	92	33.6	0	97	22.1	3
2625	De Dell	DL 2315	0	-	100	27.3	0	99	92	27.7	0	99	91	31.7	0	92	23.8	0
2625	DLF	DLF 2777RR	4	AD	103	27.6	0	98	106	27.9	1	99	108	32.8	0	105	22.9	1
2625	NK Brand	EXP8523-AA	28	F					98	27.8	1	100	96	33.3	0	100	22.2	3
2625	PRIDE Seeds	A5292G8 RIB	8	F	102	26.8	0	101	100	26.8	0	100	100	29.9	0	99	23.7	0
2625	PRIDE Seeds	A5424G2 RIB	6	F					98	27.2	0	100	100	32.0	0	97	22.4	0
2650	DEKALB	DKC087-08RIB	8	AD					108	27.9	0	99	103	32.2	0	113	23.6	0
2650	NK Brand	NK8519-DV	34	F	99	28.4	0	98	101	29.0	1	98	87	34.6	0	112	23.4	1
2650	NK Brand	NK8618-D	33	F	97	28.1	1	99	94	28.8	3	100	91	33.9	0	97	23.8	5
2650	PRIDE Seeds	A5404G2 RIB	6	F	99	26.6	0	99	95	26.6	1	100	97	29.9	0	93	23.2	1
2675	Horizon	HZ 3135	14	F	96	31.4	0	98	94	31.4	0	98	93	37.0	0	95	25.7	0
2675	PRIDE Seeds	A5383G8 RIB	8	F	94	27.9	0	100	88	28.8	0	100	87	35.0	0	89	22.7	0
2700	DLF	DLF 2778VT2P RIB	6	AD	101	27.1	0	99	100	27.3	0	100	105	31.6	0	95	23.0	0
2700	Maizex	MZ 2982DBR	6	F	108	28.8	0	98	106	29.6	0	98	103	34.3	0	110	25.0	0
2725	DEKALB	DKC39-55RIB	6	AD	104	28.3	0	99	100	29.3	1	98	103	35.4	0	97	23.3	1
2725	DLF	DLF 2767VT2P RIB	6	AD	110	29.1	0	98	104	29.3	0	98	103	35.5	0	105	23.1	0
2725	NK Brand	NK9023-DV	34	F	101	29.2	0	98	101	29.3	0	99	92	34.7	0	108	24.0	0
2750	NK Brand	NK9175-DV	34	F	101	30.0	0	99	98	29.3	0	99	97	34.5	0	99	24.1	0
2775	DLF	DLF 2799RR	4	AD					101	29.9	1	98	101	36.4	0	101	23.3	1
2800	DEKALB	DKC42-05RIB	6	AD	103	28.2	0	98	105	27.1	1	99	105	31.3	0	105	22.9	1
2800	DLF	DLF 2731VT2P RIB	6	AD					104	28.6	0	99	98	34.3	0	109	22.8	0
LSD (0.10) for Yield Index Points*					5				9				10			13		
Average all hybrids **					206	26.6	0	67	190	26.5	1	67	170	30.4	0	209	22.7	2

<sup>1</sup> Harriston 2023, Dundalk 2022-2023, Orangeville 2022

<sup>2</sup> Harriston, 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.