

Table 2: Elora, Port Hope, Kinburn, Wingham 2023 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Trait	Trt	2022-2023 averages ¹				2023 averages ²				Results of 2023 Performance Trials											
					average of 8 trials				average of 4 trials				ELORA			PORT HOPE T2			KINBURN			WINGHAM		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2450	Brevant	B85V67AM	23	L	95	21.3		100	94	22.1		100	86	26.9	0	95	17.4	0	101	20.5		90	23.5	0
2450	Pioneer	P8407AM	23	L	97	21.1		100	96	22.3		100	96	27.8	0	99	18.0	0	93	19.9		99	23.3	0
2475	Saatbau	SL29331	0	C					99	23.7		107	103	28.6	0	99	18.4	4	101	22.3		88	25.5	1
2550	Brevant	B87D33AM	23	L					90	22.5		101	94	28.5	0	85	17.2	0	93	20.9		88	23.5	0
2550	Pioneer	P8537AM	23	L	91	21.1		103	94	22.4		102	95	27.4	0	94	18.0	1	93	20.0		93	24.0	0
2600	Maizex	MZ 269	0	F	98	21.3		102	96	22.5		101	95	28.7	0	100	18.2	0	91	20.5		101	22.7	0
2600	Maizex	MZ 2699DBR	6	F	98	21.6		101	99	22.9		100	102	27.0	0	110	21.6	0	91	20.2		97	22.6	0
2600	Pioneer	P8602AM	23	L					97	22.0		100	94	26.9	0	100	18.2	1	103	20.5		89	22.4	0
2600	Pioneer	P8859AM	23	L	98	21.6		100	97	22.6		100	105	28.1	0	97	18.6	0	97	21.0		89	22.7	1
2625	CROPLAN	CP2585VT2P	6	F	92	21.2		102	92	22.7		101	86	28.1	0	93	17.9	0	95	20.7		92	24.2	0
2650	Brevant	B91T25AM	23	L	101	22.6		100	104	23.6		100	103	28.3	0	100	18.3	1	104	22.2		108	25.5	0
2650	CROPLAN	2790VT2P/RIB	6	F	97	21.5		102	96	22.4		102	91	26.9	0	108	18.7	1	96	21.0		89	22.9	0
2650	Maizex	MZ 2711DBR	6	F	95	22.0		100	91	23.2		99	95	28.1	0	87	19.1	0	97	21.5		84	24.0	0
2650	Pioneer	P9026AM	23	L	103	22.4		103	104	23.6		103	100	30.2	0	103	17.8	0	106	21.2		106	25.3	0
2650	Pioneer	P90630Q	36	L					102	23.1		101	103	29.3	0	103	18.2	0	102	20.3		101	24.6	2
2700	CROPLAN	2965VT2P/RIB	6	F	95	22.2		101	94	23.2		101	89	27.6	0	97	18.2	1	98	21.9		89	25.1	0
2700	Horizon	HZ 3015	0	F	100	22.5		101	102	24.3		101	100	30.7	0	105	19.5	3	101	22.0		101	24.9	0
2700	Horizon	HZ 3050	33	F	97	23.8		99	98	25.6		98	99	28.5	0	100	20.2	0	98	24.6		96	29.2	0
2700	Maizex	MZ 2982DBR	6	F	103	22.9		100	104	23.7		100	105	29.7	0	111	19.9	0	101	21.4		97	23.9	0
2725	Brevant	B92D25Q	36	L					98	24.0		99	96	30.8	0	97	18.8	0	99	20.9		99	25.6	1
2725	Brevant	B92R26Q	36	L					97	24.7		97	95	31.0	0	97	19.5	0	99	23.1		99	25.3	0
2725	CROPLAN	CP2972SS	8	F	99	22.8		101	103	24.0		101	101	29.5	0	113	19.0	0	103	22.6		94	25.0	0
2725	CROPLAN	CP3166VT2P	6	F	96	23.0		99	95	22.9		100	95	26.6	0	95	18.3	0	100	21.9		88	24.8	0
2725	DEKALB	DKC39-55RIB	6	AD	100	22.6		101	97	23.7		100	96	29.1	0	94	17.9	0	97	21.3		101	26.5	0
2725	DEKALB	DKC40-99RIB	32	AD	99	22.6		100	95	23.4		99	95	28.3	0	98	19.0	0	98	21.7		88	24.8	0
2725	DLF	DLF 2712GSX RIB	8	AD					106	24.6		101	107	30.2	0	108	18.5	0	100	22.4		110	27.1	0
2725	DLF	DLF 2724GSX RIB	8	AD					101	24.7		99	99	30.1	0	106	18.7	0	95	23.3		108	26.6	0
2725	DLF	DLF 2767VT2P RIB	6	AD	100	22.2		100	96	23.3		100	92	29.0	0	94	17.9	1	106	21.4		89	25.0	0
2725	Maizex	MZ 3117DBR	6	F	102	22.6		98	100	22.8		99	108	28.5	0	93	17.5	0	105	21.9		90	23.4	0
2725	NK Brand	NK9023-DV	34	F	99	22.8		100	99	24.0		100	97	29.5	0	106	19.5	0	92	21.4		105	25.6	0
2725	Pioneer	P9233AM	23	L	100	23.0		101	101	24.1		101	99	28.5	0	91	17.8	1	104	22.8		109	27.4	0
2725	PRIDE Seeds	A5959G2 RIB	6	F	102	22.7		100	100	23.9		100	104	29.0	0	97	18.3	0	98	23.0		102	25.2	0
2750	Brevant	B93C41AM	23	L					101	23.8		103	92	30.5	0	106	18.0	1	103	21.9		101	24.7	0
2750	De Dell	DL 3146	0	-	97	22.8		101	97	24.2		101	95	29.6	0	96	18.4	1	96	21.7		102	27.1	0
2750	Horizon	HZ 3247	34	F					97	24.7		100	99	28.9	0	97	20.0	0	91	23.0		103	27.1	0
2750	Horizon	HZ 3260	0	F	101	23.0		98	104	24.7		99	105	30.1	0	102	19.4	1	101	21.2		108	27.9	2
2750	Maizex	MZ 3120SMX	8	F	101	23.3		100	99	24.2		100	101	29.0	0	99	19.8	1	100	22.8		96	25.1	0
2750	Maizex	MZ 314	0	F	99	24.1		98	101	25.2		99	105	30.5	0	91	18.5	0	101	23.2		109	28.8	0

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					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2750	NK Brand	NK9175-DV	34	F	100	23.8		100	97	24.6		100	104	30.3	0	96	19.6	0	93	22.8		98	25.7	0
2750	PRIDE Seeds	A5925	0	F	97	23.1		100	97	24.7		100	99	29.8	0	104	19.1	0	98	23.6		86	26.3	0
2750	PRIDE Seeds	A5977G8 RIB	8	F	99	22.5		102	99	24.2		102	104	30.2	0	98	18.7	0	96	22.3		97	25.6	0
2775	DLF	DLF 2799RR	4	AD					96	25.7		99	100	31.7	0	94	19.1	0	97	23.7		91	28.3	0
2775	Maizex	MZ 3314SMX	8	F	100	23.4		100	99	24.6		100	96	30.7	0	98	18.8	0	103	22.4		98	26.7	0
2800	CROPLAN	CP3341SS	8	F	98	23.0		99	96	24.3		99	91	28.7	0	93	18.7	0	101	23.3		98	26.6	0
2800	DEKALB	DKC42-05RIB	6	AD	104	23.1		99	102	24.0		100	99	29.9	0	104	18.0	0	102	23.0		104	25.1	0
2800	DEKALB	DKC42-90RIB	6	AD	105	23.0		101	103	24.0		100	99	29.0	0	104	18.8	0	108	22.1		99	26.0	0
2800	DLF	DLF 2731VT2P RIB	6	AD					100	24.7		102	95	29.8	0	104	18.8	0	104	23.4		94	27.0	0
2800	Horizon	HZ 3375	27	F	95	24.4		97	95	25.8		98	99	29.6	0	94	21.6	0	87	24.9		104	27.1	0
2800	Horizon	HZ 3386	33	F	99	24.3		98	101	26.5		97	102	31.1	0	96	21.3	0	97	24.8		111	28.9	0
2825	DEKALB	DKC093-76RIB	38	AD					102	26.2		98	99	31.3	0	107	20.0	0	100	23.5		102	30.1	0
2825	DLF	DLF 2883TRE RIB	32	AD	99	23.5		98	95	24.3		99	98	29.4	0	98	19.2	0	94	23.0		88	25.6	0
2850	CROPLAN	CP3490VT2P	6	F	102	24.8		98	104	26.0		99	104	32.0	0	102	18.6	0	108	24.5		100	29.1	0
2850	De Dell	DL 3905	0	-					109	24.6		100	107	30.0	0	101	19.5	0	106	21.5		124	27.2	0
2850	DEKALB	DKC44-80RIB	6	AD	107	23.5		97	104	24.8		97	106	30.4	0	99	18.4	1	106	24.5		106	25.8	0
2850	Maizex	MZ 3505DBR	6	F	106	23.5		99	104	24.7		99	105	29.3	0	102	19.5	0	105	24.2		104	25.7	0
2850	Maizex	MZ 3528DBR	6	F					103	26.0		99	110	30.9	0	98	19.2	0	101	24.1		103	29.8	0
2850	NK Brand	NK9535-V	27	F	104	24.6		100	105	25.5		101	102	29.9	0	108	21.1	0	101	24.0		113	27.0	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	104	24.1		99	102	25.2		99	100	31.0	0	105	19.4	0	103	23.1		101	27.3	0
2875	DEKALB	DKC45-35RIB	6	AD	109	24.4		100	110	25.3		100	114	30.5	0	105	18.6	0	109	23.9		114	28.1	0
2875	DEKALB	DKC46-50RIB	8	AD	104	24.5		100	104	26.1		100	107	30.2	0	104	20.3	0	104	23.8		100	30.2	0
2875	DLF	DLF 2891GSX RIB	8	AD					107	27.1		99	116	33.2	0	103	19.3	0	103	26.1		107	29.6	0
2875	NK Brand	NK9601-AA	28	F					107	25.2		100	109	29.7	0	101	19.7	0	106	24.0		111	27.5	0
2875	NK Brand	NK9653-DV	34	F	101	24.6		101	100	25.8		101	99	32.3	0	101	19.9	0	93	23.8		110	27.1	0
2900	CROPLAN	CP3720TRE	32	F					106	24.7		100	104	29.9	0	98	19.0	0	108	23.5		112	26.4	0
2900	DEKALB	DKC096-21RIB	32	AD					108	26.5		98	104	31.6	0	105	21.5	0	109	24.6		115	28.5	1
2900	DEKALB	DKC46-40RIB	6	AD	110	24.0		99	110	24.8		100	108	31.6	0	112	19.1	0	109	22.6		112	25.9	0
LSD (0.10) for Yield Index Points*					3			69	5			67	10			12			6			10		
Average all hybrids **					230	23.0		69	243	24.3		67	241	29.5	0	222	19.0	0	304	22.5		205	26.0	0

¹ Elora 2022-2023, Port Hope T2 2022-2023, Winchester T2 2022, Kinburn 2023, Wingham ² Elora, Port Hope T2, Kinburn, Wingham

* 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.