

Table 2: Elora, Kinburn, Port Hope, Wingham

2024 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2023-2024 averages ¹				2024 averages ²				Results of 2024 Performance Trials											
					average of 8 trials				average of 4 trials				ELORA			KINBURN			PORT HOPE T2			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 %
2350	CROPLAN	CP2324VT2P	6	F					95	18.9		101	96	19.4	1	90	18.6		89	18.0	4	105	19.6	0
2450	Pioneer	P8407AM	23	L	94	20.7		101	91	19.2		102	92	21.0	0	90	18.5		96	17.6	0	88	19.8	0
2575	Maizex	MZ 2575DBR	6	F					98	19.4		100	101	20.9	1	97	19.0		93	18.0	0	101	19.8	0
2600	Maizex	MZ 269	0	F	95	21.3		102	95	20.1		102	93	21.4	3	94	19.1		97	19.1	1	95	20.7	0
2600	Maizex	MZ 2699DBR	6	F	99	21.4		101	99	19.9		101	89	20.9	0	99	19.5		103	18.3	0	104	20.8	0
2600	Pioneer	P8602AM	23	L	97	21.0		101	98	20.1		101	93	21.5	0	98	19.3		98	17.9	0	103	21.5	0
2600	Pioneer	P87040PCE	30	L					95	20.0		101	99	22.3	2	101	19.4		80	17.6	3	97	20.6	0
2600	Pioneer	P8859AM	23	L	95	21.4		101	94	20.1		102	90	21.8	0	97	19.6		89	18.0	1	97	21.0	0
2625	CROPLAN	CP2585VT2P	6	F	92	21.1		102	93	19.6		103	93	20.9	0	93	18.5		89	18.2	1	96	20.7	0
2650	CROPLAN	2790VT2P/RIB	6	F	95	20.9		102	94	19.4		102	86	21.2	0	103	19.4		95	17.5	3	89	19.6	0
2650	Pioneer	P9026AM	23	L	101	21.9		103	98	20.2		104	105	22.4	0	98	19.6		93	17.7	0	95	21.1	0
2675	Saatbau	SL40003	0	C					102	21.8		100	109	22.8	1	98	21.1		106	19.3	6	96	24.1	0
2700	CROPLAN	2965VT2P/RIB	6	F	94	21.3		102	96	19.5		102	95	21.4	0	98	19.1		99	17.9	3	91	19.7	0
2700	De Dell	DL 3007	0	F					98	21.3		103	102	22.0	0	96	20.0		104	19.6	0	93	23.5	0
2700	Horizon	HZ 3050	33	F	97	23.3		98	97	20.9		98	102	20.8	0	104	21.0		86	19.1	14	93	22.8	0
2700	Maizex	MZ 2982DBR	6	F	99	22.1		100	96	20.4		100	95	21.5	0	96	19.6		93	18.8	0	99	21.8	0
2725	DLF	27324GSX	8	AD	100	22.6		99	99	20.5		99	105	21.2	0	101	20.9		91	18.1	0	99	22.0	0
2725	DLF	DLF 2712GSX RIB	8	AD	105	22.5		100	104	20.4		100	105	22.1	0	104	19.5		102	18.7	0	105	21.5	0
2725	DLF	DLF 2767VT2P RIB	6	AD	99	21.8		100	103	20.3		100	100	21.3	0	103	19.8		107	18.4	1	104	21.7	0
2725	Maizex	MZ 3117DBR	6	F	100	21.9		98	100	21.0		97	106	21.8	1	96	20.0		108	19.3	0	91	22.8	0
2725	NK Brand	NK9023-DV	34	F	97	22.2		101	95	20.5		101	80	21.4	0	95	19.5		102	18.4	1	103	22.5	0
2725	NK Brand	NK9044-AA	28	F					102	20.6		101	107	22.2	0	97	19.5		102	18.9	0	101	21.6	0
2725	PRIDE Seeds	A5959G2 RIB	6	F	98	22.4		100	96	20.9		100	101	23.5	1	100	19.2		84	17.7	0	99	23.2	0
2750	De Dell	DL 3146	0	-	94	22.5		101	90	20.7		101	89	21.9	1	89	20.1		85	19.1	4	98	21.8	0
2750	Horizon	HZ 3247	34	F	97	22.9		101	97	21.0		101	95	22.5	0	95	20.7		102	19.1	0	96	21.7	0
2750	Maizex	MZ 314	0	F	102	23.4		98	103	21.5		97	110	22.3	0	108	20.9		95	19.0	3	99	23.9	0
2750	NK Brand	NK9175-DV	34	F	98	23.1		100	99	21.6		100	98	22.1	0	93	21.6		106	18.8	0	101	24.0	0
2750	Pioneer	P9233Q	36	L					98	21.1		100	95	22.4	0	98	20.4		101	18.6	0	100	22.9	0
2750	Pioneer	P9316Q	36	L					104	21.3		102	98	22.7	0	107	20.3		115	19.8	5	96	22.5	0
2750	PRIDE Seeds	A5925	0	F												94	20.7		101	17.9	1			0
2750	PRIDE Seeds	A5977G8 RIB	8	F	98	22.3		102	99	20.3		103	95	21.7	0	99	19.5		108	18.9	0	93	21.2	0
2775	Maizex	MZ 3314SMX	8	F	103	23.1		99	107	21.7		99	106	24.4	0	108	20.3		117	19.1	0	101	22.9	0

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					average of 8 trials				average of 4 trials				ELORA			KINBURN			PORT HOPE T2			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 %
2800	DEKALB	DKC42-05RIB	6	AD	103	22.3		100	105	20.6		99	108	22.1	0	106	20.2		105	18.7	0	102	21.4	0
2800	DEKALB	DKC42-90RIB	6	AD	104	22.6		100	106	21.2		100	102	24.1	0	109	19.8		103	18.2	0	108	23.0	0
2800	DLF	DLF 2731VT2P RIB	6	AD	101	22.9		102	102	21.1		103	98	22.7	0	100	19.7		116	19.4	0	96	22.4	0
2800	Horizon	HZ 3386	33	F	100	24.1		97	101	21.6		98	100	22.5	1	101	20.6		99	19.8	5	102	23.5	0
2800	Maizex	MZ 3432TRE	32	F					110	21.3		97	110	22.5	0	106	19.5		112	19.3	1	115	23.9	0
2800	NK Brand	NK9400-V	27	F					97	21.7		101	99	23.4	0	90	21.6		108	20.5	1	91	21.5	0
2800	Pioneer	P9466AML	37	L					103	21.6		98	110	23.0	1	107	21.4		92	19.0	1	99	23.2	0
2825	DEKALB	DKC093-76RIB	38	AD	101	23.5		98	101	20.8		97	110	22.2	0	97	20.0		94	18.0	0	104	22.8	0
2850	De Dell	DL 3905	0	-	107	23.1		99	105	21.7		98	107	21.9	0	99	23.0		96	18.9	0	121	22.8	0
2850	DEKALB	DKC094-94RIB	39	AD					106	21.4		96	109	22.8	0	108	19.9		101	19.0	3	106	23.8	0
2850	Maizex	MZ 3505DBR	6	F	103	22.8		99	103	20.9		100	101	22.8	0	105	19.9		103	18.8	6	102	22.0	0
2850	Maizex	MZ 3528DBR	6	F	103	23.7		99	103	21.5		98	101	21.8	0	108	20.2		108	19.5	1	96	24.6	0
2850	NK Brand	NK9535-V	27	F	103	23.9		101	100	22.3		101	97	25.9	0	97	20.2		99	19.7	1	107	23.2	0
2850	PRIDE Seeds	A6566G8 RIB	8	F					105	20.8		100	109	22.3	0	106	19.7		110	18.5	0	95	22.5	0
2875	DEKALB	DKC46-50RIB	8	AD	103	23.9		99	102	21.7		99	102	23.0	0	101	20.8		104	18.2	0	102	24.8	0
2875	DLF	DLF 2891GSX RIB	8	AD	106	24.7		98	106	22.4		98	106	24.8	0	104	21.2		113	18.9	4	104	24.7	0
2875	NK Brand	NK9601-AA	28	F	103	23.9		99	99	22.6		98	101	23.8	0	98	21.9		98	20.6	1	99	24.2	0
2900	DEKALB	DKC096-21RIB	32	AD	106	24.3		98	103	22.0		98	106	23.3	0	108	20.5		92	19.6	4	105	24.6	0
2900	DEKALB	DKC46-40RIB	6	AD	109	23.1		99	109	21.3		99	96	22.8	0	113	20.6		110	18.8	0	117	23.0	0
LSD (0.10) for Yield Index Points*					3				5				11			7			15			9		
Average all hybrids **					238	22.6		68	233	20.9		69	232	22.3	0	264	20.1		203	18.7	2	231	22.3	0

¹ Elora 2023-2024, Kinburn 2023-2024, Port Hope T2 2023-2024, Wingham 20² Elora, Kinburn, Port Hope T2, 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.