

Table 3W: Blyth, Port Hope, Waterloo

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

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²				Results of 2023 Performance Trials								
					average of 6 trials				average of 3 trials				BLYTH			PORT HOPE			WATERLOO		
					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 %
2600	Pioneer	P8859AM	23	L	99	21.6	0	101	99	22.6	0	101	93	24.1	0	102	18.9	0	101	24.9	0
2625	CROPLAN	CP2585VT2P	6	F					92	22.5	0	101	85	25.3	0	97	17.6	0	95	24.5	0
2650	Brevant	B91T25AM	23	L	98	21.8	1	101	101	22.7	3	100	105	25.6	0	94	18.2	9	104	24.3	0
2650	CROPLAN	2790VT2P/RIB	6	F	93	20.1	1	103	93	20.6	0	104	87	22.4	0	103	17.2	0	89	22.2	1
2650	Pioneer	P9026AM	23	L	98	21.8	0	103	99	22.1	1	103	99	24.6	0	100	18.0	3	97	23.8	0
2650	Pioneer	P90630Q	36	L					104	22.7	0	101	102	24.2	1	104	18.2	0	105	25.8	0
2700	CROPLAN	2965VT2P/RIB	6	F	89	21.0	1	102	89	22.1	0	103	84	24.5	0	93	17.9	1	89	24.0	0
2725	Brevant	B92D25Q	36	L					97	23.6	0	99	95	25.7	0	102	19.8	0	94	25.3	0
2725	Brevant	B92R26Q	36	L					100	22.5	1	99	101	25.2	0	97	18.3	1	103	24.1	0
2725	CROPLAN	CP2972SS	8	F	96	22.2	0	102	96	23.3	0	102	92	26.2	0	100	17.8	0	98	25.9	0
2725	CROPLAN	CP3166VT2P	6	F	97	22.7	0	99	95	23.7	0	100	91	25.6	0	100	18.0	0	95	27.5	1
2725	Maizex	MZ 3117DBR	6	F	99	22.4	0	98	97	23.3	0	98	96	26.4	0	97	18.5	0	98	25.0	0
2725	NK Brand	NK9023-DV	34	F	97	21.6	0	101	95	22.5	0	101	97	25.0	0	95	18.4	0	94	24.3	0
2725	Pioneer	P9233AM	23	L	96	22.7	0	101	100	23.8	1	101	96	26.2	0	103	19.5	2	101	25.7	0
2750	Brevant	B93C41AM	23	L					102	23.6	0	103	100	26.6	0	107	18.4	0	99	25.8	0
2750	De Dell	DL 3146	0	-	100	21.7	1	102	99	22.7	1	102	97	25.7	0	99	18.2	2	101	24.3	0
2750	Horizon	HZ 3247	34	F					95	24.2	0	101	101	27.1	0	92	19.5	0	92	26.1	0
2750	Horizon	HZ 3260	0	F	98	21.8	1	99	99	22.8	2	99	103	25.9	2	98	18.2	3	95	24.3	1
2750	NK Brand	NK9175-DV	34	F	100	23.0	0	101	98	23.6	0	102	95	27.2	0	90	19.1	0	107	24.4	1
2750	Pioneer	P9316Q	36	L	100	22.1	0	103	100	23.2	1	102	98	26.4	0	102	17.8	2	101	25.4	0
2775	Maizex	MZ 3314SMX	8	F	99	23.1	0	100	99	24.1	0	99	97	26.9	0	103	19.5	0	96	26.0	0
2775	NK Brand	NK9347-D	33	F	100	23.5	0	99	97	25.4	0	99	89	28.9	0	106	19.4	0	97	27.9	0
2800	CROPLAN	CP3341SS	8	F	98	23.1	0	101	99	24.8	0	100	100	28.5	0	103	18.5	0	93	27.3	0
2800	Horizon	HZ 3386	33	F	99	23.7	1	99	100	25.4	1	99	99	29.0	0	97	18.9	3	102	28.2	0
2800	Pioneer	P9466AML	37	L	97	23.3	2	99	98	24.6	4	100	98	28.9	0	97	18.2	13	99	26.6	0
2825	Brevant	B95R46AMXT	24	L					95	24.7	0	100	98	28.2	0	85	17.9	1	100	28.0	0
2825	Pioneer	P9535AM	23	L	101	22.7	0	101	103	23.7	0	101	103	26.8	0	101	18.1	1	105	26.1	0
2825	PRIDE Seeds	J4208TRC	32	F					98	24.8	0	100	92	28.6	0	104	18.7	0	97	27.3	0
2850	Brevant	B96H83AM	23	L	98	24.1	0	100	102	25.2	0	100	103	28.3	0	98	18.8	1	103	28.5	0
2850	Brevant	B96R56AM	23	L	95	22.8	0	103	93	23.8	1	102	96	27.7	0	89	18.2	2	94	25.6	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 %
2850	CROPLAN	CP3490VT2P	6	F	104	23.8	0	98	104	24.5	0	98	99	28.4	0	110	18.6	1	103	26.6	0
2850	De Dell	DL 3905	0	-					111	24.4	0	99	117	26.3	0	108	19.8	1	108	26.9	0
2850	Horizon	HZ 3584	34	F	100	23.2	0	98	103	24.5	0	99	104	28.0	1	100	19.4	0	105	26.0	0
2850	Maizex	MZ 3505DBR	6	F	100	22.7	0	100	98	23.8	0	100	97	26.5	0	100	18.4	0	98	26.5	0
2850	Maizex	MZ 3528DBR	6	F					103	24.2	0	100	101	28.6	1	104	18.5	0	105	25.4	0
2850	NK Brand	NK9535-V	27	F	100	23.7	0	102	99	24.7	0	102	103	29.1	0	94	18.4	1	100	26.6	0
2850	Pioneer	P9624Q	36	L	96	23.6	0	99	98	24.7	0	99	98	28.0	0	98	19.2	0	97	26.8	0
2850	PRIDE Seeds	A6566G8 RIB	8	F	100	22.9	0	101	98	23.7	0	101	95	27.3	0	101	18.7	0	98	25.1	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	102	22.9	0	100	102	24.2	1	100	98	28.0	0	104	18.4	1	104	26.3	0
2875	DEKALB	DKC45-35RIB	6	AD	103	23.3	0	101	103	24.6	0	101	103	29.3	0	108	18.4	1	99	26.0	0
2875	DEKALB	DKC45-74RIB	8	AD	103	24.0	0	99	102	25.3	0	99	105	30.0	0	105	17.8	0	98	28.0	0
2875	DLF	DLF 2891GSX RIB	8	AD	103	23.7	1	100	100	24.7	1	100	105	29.4	1	95	18.3	1	100	26.4	0
2875	NK Brand	EXP9623-AA	28	F					100	24.6	0	101	102	28.1	0	95	18.8	0	104	26.8	0
2875	NK Brand	NK9653-DV	34	F	96	23.4	0	103	94	24.6	1	103	97	27.9	0	90	18.8	3	96	27.2	0
2900	CROPLAN	CP3720TRE	32	F	99	24.0	0	100	98	25.2	0	100	103	29.5	0	94	19.1	0	96	27.0	0
2900	DEKALB	DKC096-21RIB	32	AD					105	25.5	1	98	110	29.6	0	109	19.9	1	97	27.1	0
2900	DEKALB	DKC46-40RIB	6	AD	105	23.5	0	101	106	24.3	1	101	108	27.8	0	100	18.0	3	109	26.9	0
2900	DLF	DLF 2954VT2P RIB	6	AD					101	24.9	0	99	101	28.7	0	106	19.1	0	95	27.0	0
2900	NK Brand	EXP9723-DV	34	F					97	25.0	7	101	99	29.1	0	91	18.7	22	102	27.2	0
2900	Pioneer	P97299AM	23	L					103	27.0	0	99	102	30.6	0	103	20.0	0	104	30.3	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	100	23.7	0	100	104	25.1	0	99	104	28.9	0	103	18.7	0	104	27.6	0
2925	Brevant	B98D25Q	36	L					102	25.9	0	97	97	29.1	0	117	20.3	0	92	28.4	0
2925	Horizon	K2112N	0	C	95	24.7	0	100	92	25.6	0	101	93	29.8	0	91	19.0	0	92	28.1	0
2925	NK Brand	EXP9823-AA	28	F					96	25.6	1	101	96	29.9	0	94	18.6	2	97	28.4	0
2925	Pioneer	P9823Q	36	L	106	24.3	0	98	107	25.6	1	99	102	29.1	1	103	18.9	1	115	28.7	0
2950	DEKALB	DKC48-08RIB	8	AD	103	24.9	0	98	104	26.0	0	98	105	30.1	0	110	20.3	1	97	27.4	0
2950	Maizex	MZ 3930DBR	6	F	106	24.6	0	99	105	26.1	0	99	109	31.2	0	100	18.7	0	105	28.5	0
2950	Pioneer	P9845PCE	30	L					107	26.8	0	97	113	30.0	0	98	19.9	0	108	30.4	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 %
2975	DEKALB	DKC49-09RIB	6	AD	100	23.6	0	100	99	24.4	0	100	101	27.7	0	95	18.0	0	100	27.5	0
2975	DLF	DLF 2955GSX RIB	8	AD	99	24.0	0	100	97	25.2	0	100	95	29.5	0	91	18.4	0	105	27.7	0
2975	DLF	DLF 2991VT2P RIB	6	AD	104	24.3	0	99	103	25.0	0	99	106	29.2	0	107	19.1	1	96	26.6	0
2975	Maizex	MZ 4049SMX	8	F	105	25.3	0	99	107	26.7	0	99	111	31.5	0	103	20.1	0	105	28.5	0
3000	Brevant	B00R96AM	23	L	99	26.0	0	99	100	27.4	1	99	102	31.2	1	105	20.3	1	93	30.8	0
3000	DLF	DLF 3039TRE RIB	32	AD					104	27.1	1	99	102	31.6	0	104	20.2	2	107	29.4	0
3000	NK Brand	NK0007-AA	28	F	106	25.3	0	100	104	26.6	1	100	103	31.7	0	110	19.4	1	99	28.8	0
3000	NK Brand	NK9991-D	33	F	99	25.1	0	99	99	25.8	0	99	97	30.4	0	95	20.2	0	104	26.8	0
3000	Pioneer	P0035AM	23	L	105	26.0	0	98	104	27.6	0	99	106	32.0	0	102	20.3	1	105	30.5	0
3000	Pioneer	P0075AM	23	L	99	26.5	0	98	97	28.4	0	98	99	32.9	0	96	20.3	0	97	31.9	0
3025	Horizon	HZ 4169	27	F	97	25.4	0	98	96	26.7	0	99	97	30.8	0	95	19.8	0	96	29.4	0
3075	DEKALB	DKC101-35RIB	6	AD	107	25.0	0	97	106	26.0	0	97	106	30.4	0	108	18.3	0	104	29.3	0
3100	DEKALB	DKC52-52RIB	8	AD	104	25.6	0	98	101	26.5	0	99	107	30.7	0	93	19.4	1	104	29.4	0
3100	Maizex	MZ 4158DBR	6	F	108	25.3	0	99	109	26.5	0	99	111	30.8	0	103	19.6	1	113	29.2	0
LSD (0.10) for Yield Index Points*					4				6				7			13			10		
Average all hybrids **					215	23.5	0	70	230	24.7	1	68	231	28.2	0	220	18.9	1	241	26.9	0

¹ Blyth 2022-2023, Port Hope 2022-2023, Waterloo 2022-2023

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* 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.