

Table 3W: Blyth, Port Hope, Waterloo

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 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	P87040PCE	30	L					91	20.3	0	103	90	22.8	0	104	19.8	0	78	18.4	1
2600	Pioneer	P8859AM	23	L	94	21.6	0	102	90	20.6	0	103	88	23.9	0	99	18.8	0	82	19.0	1
2625	CROPLAN	CP2585VT2P	6	F	93	21.1	0	101	94	19.7	0	102	92	22.8	0	90	18.3	0	99	17.9	0
2650	CROPLAN	2790VT2P/RIB	6	F	95	19.8	4	103	97	18.9	7	103	90	21.0	9	97	18.1	4	104	17.7	8
2650	Pioneer	P9026AM	23	L	96	21.0	1	104	93	19.9	1	105	93	23.7	0	96	18.0	1	89	18.1	1
2700	CROPLAN	2965VT2P/RIB	6	F	93	21.0	0	103	96	19.9	0	104	87	23.0	0	100	17.8	1	104	18.8	0
2700	De Dell	DL 3007	0	F					98	21.2	0	104	97	24.2	0	100	18.9	0	98	20.6	1
2725	CROPLAN	CP2972SS	8	F	96	22.0	0	102	96	20.6	0	102	86	22.9	0	104	19.5	0	100	19.4	0
2725	CROPLAN	CP3166VT2P	6	F	96	22.1	0	99	96	20.5	0	99	93	25.2	0	101	19.3	0	96	17.0	0
2725	Maizex	MZ 3117DBR	6	F	96	22.5	2	98	95	21.7	4	99	95	25.7	0	99	19.4	0	89	20.0	11
2725	NK Brand	NK9023-DV	34	F	94	21.8	0	101	93	21.0	0	101	98	25.1	0	98	19.0	0	80	18.8	0
2725	NK Brand	NK9044-AA	28	F					92	20.3	1	102	87	24.4	0	96	17.8	1	93	18.6	0
2750	Horizon	HZ 3247	34	F	95	22.8	0	102	95	21.5	0	102	95	25.6	0	106	18.8	0	84	20.0	1
2750	Horizon	HZ 3260	0	F	100	22.3	2	99	100	21.7	2	99	97	26.2	0	94	18.8	7	112	20.2	0
2750	NK Brand	NK9175-DV	34	F	96	22.9	0	102	94	22.3	0	101	99	27.1	0	98	19.7	0	86	20.2	0
2750	Pioneer	P9233Q	36	L					94	21.3	1	101	99	25.4	0	92	19.0	1	91	19.6	0
2750	Pioneer	P9316Q	36	L	100	22.2	4	103	100	21.2	8	104	93	25.3	1	98	18.1	10	109	20.3	12
2775	CROPLAN	CP3143VT2P	6	F					97	21.3	1	100	96	26.1	0	98	18.9	4	97	19.0	0
2775	Maizex	MZ 3314SMX	8	F	100	22.4	0	100	100	20.7	0	102	98	24.5	0	100	18.9	0	103	18.6	0
2800	CROPLAN	CP3330VT2P	6	F					101	23.0	0	100	102	28.4	0	102	18.9	0	100	21.8	0
2800	CROPLAN	CP3341SS	8	F	97	22.5	0	100	95	20.3	0	101	90	24.6	0	99	18.7	0	98	17.4	0
2800	Horizon	HZ 3386	33	F	100	23.4	1	99	100	21.3	1	100	101	25.4	0	107	20.0	3	91	18.6	1
2800	Maizex	MZ 3432TRE	32	F					112	21.9	0	98	114	27.7	0	108	18.5	0	112	19.6	1
2800	NK Brand	NK9400-V	27	F					102	22.4	0	102	104	26.8	0	98	19.2	1	105	21.3	0
2800	Pioneer	P9466AML	37	L	99	23.2	2	99	100	21.8	0	99	105	26.6	0	89	18.7	1	106	20.1	0
2825	De Dell	DL 3751	0	-					96	22.6	1	102	102	26.3	0	90	19.5	1	95	22.1	0
2850	De Dell	DL 3905	0	-	109	22.9	0	99	106	21.5	0	100	117	26.6	0	96	18.6	0	104	19.4	0
2850	DEKALB	DKC094-94RIB	39	AD					104	21.0	2	97	112	25.8	0	96	18.6	7	103	18.7	1
2850	Horizon	HZ 3511	0	F					94	22.1	2	101	103	27.2	0	86	19.3	4	93	19.8	1
2850	Horizon	HZ 3584	34	F	102	23.1	0	99	100	21.7	0	99	101	26.1	0	99	18.8	1	102	20.1	0
2850	Maizex	MZ 3505DBR	6	F	101	22.4	0	100	102	20.9	0	101	98	24.4	0	103	19.6	0	107	18.8	0
2850	Maizex	MZ 3528DBR	6	F	103	22.6	1	100	103	21.0	2	100	102	26.3	0	91	18.4	6	114	18.4	0
2850	NK Brand	NK9535-V	27	F	95	23.2	0	102	91	21.7	0	103	88	24.9	0	91	19.3	0	95	20.9	1
2850	Pioneer	P9624Q	36	L	97	23.5	0	100	96	22.3	0	100	97	27.1	0	93	19.2	0	97	20.4	0
2850	PRIDE Seeds	A6566G8 RIB	8	F	98	22.3	0	101	98	20.9	0	102	97	24.4	0	100	19.2	0	96	19.2	1
2850	PRIDE Seeds	A6572G2 RIB	6	F	104	22.8	1	99	105	21.4	0	100	98	25.5	0	102	18.9	1	116	19.7	0
2875	DEKALB	DKC45-74RIB	8	AD	102	23.6	0	99	102	22.0	0	99	95	27.4	0	108	18.8	0	104	19.8	0
2875	DLF	DLF 2891GSX RIB	8	AD	102	23.7	1	100	103	22.7	2	100	101	27.5	1	103	18.7	4	107	21.8	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 %
2875	Horizon	HZ 3690	30	F					100	21.8	1	99	103	26.5	0	94	19.2	3	103	19.9	0
2875	NK Brand	NK9601-AA	28	F	103	23.6	0	100	104	22.7	0	100	100	27.3	0	105	19.7	1	108	21.0	0
2875	PRIDE Seeds	A6580G4 RIB	32	F					109	23.2	0	100	104	26.8	0	114	21.3	0	108	21.5	1
2900	CROPLAN	CP3790VT2P	6	F					105	22.1	4	98	113	27.7	0	105	19.0	11	97	19.8	1
2900	DEKALB	DKC096-21RIB	32	AD	106	24.5	1	98	107	23.4	1	98	105	27.9	0	109	20.7	1	107	21.7	0
2900	DEKALB	DKC46-40RIB	6	AD	109	22.5	1	101	111	20.8	0	101	111	24.6	0	117	19.5	1	105	18.3	0
2900	DLF	DLF 2954VT2P RIB	6	AD	101	23.2	1	100	101	21.4	1	101	95	25.5	0	110	19.3	3	98	19.5	0
2900	Maizex	MZ 3717SSP	38	F					106	22.7	0	99	101	27.3	0	100	19.4	0	119	21.5	0
2925	Horizon	HZ 3883	0	F	93	24.7	0	100	93	23.7	0	100	95	28.2	0	95	20.2	1	90	22.7	0
2925	Pioneer	P9823V	40	L					106	21.9	1	100	103	27.4	0	104	19.3	3	112	18.9	0
2950	DEKALB	DKC48-08RIB	8	AD	101	24.3	0	98	97	22.7	0	99	101	28.6	0	101	19.6	1	88	19.9	0
2950	DLF	DLF 2926VT4P RIB	39	AD					104	23.3	0	96	100	29.0	0	104	19.2	0	109	21.6	0
2950	Maizex	MZ 3930DBR	6	F	107	24.4	2	99	108	22.7	3	99	108	28.3	0	106	19.6	10	109	20.3	0
2950	Maizex	MZ 4026SSP	38	F					102	22.4	1	100	109	27.5	0	105	19.3	1	90	20.3	1
2950	Pioneer	P9845PCE	30	L	106	24.8	0	97	104	22.9	1	96	102	26.6	0	105	21.2	1	105	20.8	1
2950	Pioneer	P9845V	36	L					100	23.0	0	98	99	28.8	0	101	19.7	0	101	20.6	0
2975	DLF	DLF 2991VT2P RIB	6	AD	103	23.2	1	99	103	21.5	1	99	101	25.3	0	100	19.6	1	108	19.6	0
2975	Maizex	MZ 4049SMX	8	F	105	24.6	5	99	103	22.6	9	100	109	27.9	0	93	19.1	28	106	20.8	1
2975	NK Brand	NK9991-D	33	F	98	24.4	1	98	97	23.0	2	98	107	28.7	1	80	19.6	5	103	20.7	0
2975	Pioneer	P0035Q	36	L					101	23.8	0	98	104	29.4	0	99	19.9	1	101	22.0	0
2975	PRIDE Seeds	A6975G2	6	P5					99	22.9	0	100	96	28.4	0	103	19.7	0	100	20.6	1
3000	De Dell	DL 5021	0	F					91	24.5	1	99	97	30.2	0	96	19.7	1	79	23.6	1
3000	DLF	DLF 3039TRE RIB	32	AD	104	25.1	1	99	104	23.2	1	99	108	30.0	0	103	19.8	3	100	19.7	0
3000	NK Brand	NK0007-AA	28	F							0			0		92	19.5	0	95	21.2	0
3000	Pioneer	P0075Q	36	L					100	23.2	0	98	102	30.2	0	99	18.8	0	98	20.6	1
3025	DEKALB	DKC100-01RIB	39	A					101	22.4	0	97	102	28.3	1	101	19.3	0	99	19.7	1
3075	DEKALB	DKC101-33RIB	38	A					109	22.8	0	96	112	28.8	0	106	19.9	0	110	19.7	1
3100	DEKALB	DKC102-02RIB	38	AD					107	23.1	0	98	109	28.5	0	106	19.2	0	107	21.6	0
3100	Maizex	MZ 4158DBR	6	F	109	25.0	0	97	109	23.5	0	97	105	29.3	0	116	20.1	1	107	21.0	0
LSD (0.10) for Yield Index Points*					5				7				8			13			15		
Average all hybrids **					227	23.0	1	69	225	21.9	1	69	246	26.5	0	215	19.2	2	214	20.0	1

¹ Blyth 2023-2024, Port Hope 2023-2024, Waterloo 2023-2024

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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.