

Table 3W: Blyth, Port Hope, Waterloo

2022 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2021-2022 averages ¹				2022 averages ²				Results of 2022 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	20.5	0	101	100	24.5	0	101	16.8	0	95	20.1	0
2650	Brevant	B90J12AM	23	L	94	21.4	1	101	98	20.5	0	101	96	25.0	1	101	17.1	0	97	19.3	0
2650	Brevant	B91T25AM	23	L	97	21.6	1	101	95	20.8	0	102	104	27.2	0	93	16.8	0	87	18.5	0
2650	CROPLAN	2790VT2P/RIB	6	F	90	20.5	1	102	93	19.6	2	102	90	23.1	0	95	16.8	7	95	18.9	0
2650	Pioneer	P9026AM	23	L					97	21.4	0	102	97	26.4	0	98	17.1	0	97	20.8	0
2650	Pioneer	P9188AM	23	L	92	21.7	0	102	93	20.6	0	103	93	24.3	0	93	17.4	0	94	20.2	0
2675	CROPLAN	CP2851VT2P/RIB	6	F	91	21.0	0	100	92	19.8	0	102	92	23.9	0	90	15.9	0	93	19.5	0
2700	CROPLAN	2965VT2P/RIB	6	F	89	20.9	0	102	91	19.9	1	102	88	23.3	1	94	16.7	1	91	19.6	0
2700	CROPLAN	CP3166VT2P	6	F	97	22.5	0	99	99	21.8	0	99	96	26.5	0	99	18.0	0	103	20.8	0
2725	Brevant	B92R26AM	23	L	97	21.7	0	99	99	20.7	0	99	96	26.4	0	107	16.4	0	93	19.4	0
2725	CROPLAN	CP2972SS	8	F					97	21.1	0	102	94	25.9	0	96	17.1	0	100	20.3	0
2725	Maizex	MZ 3117DBR	6	F	100	22.2	0	98	102	21.5	0	99	100	26.0	0	104	17.0	0	102	21.6	0
2725	NK Brand	NK9023-DV	34	F	97	21.8	0	100	99	20.6	0	102	106	24.1	0	92	17.7	0	99	20.1	0
2725	Pioneer	P9233AM	23	L	93	22.4	3	101	92	21.7	0	101	90	27.0	0	87	17.5	0	100	20.6	0
2750	De Dell	DL 3146	0	-					101	20.6	1	103	102	24.3	1	101	17.8	1	98	19.7	0
2750	Horizon	HZ 3245	27	F	97	22.9	0	102	97	21.5	1	102	102	25.8	0	92	18.4	2	94	20.4	0
2750	Horizon	HZ 3260	0	F					97	20.8	1	98	98	24.5	0	101	17.7	3	90	20.1	0
2750	Maizex	MZ 3314SMX	8	F					100	22.2	0	100	103	26.6	0	99	17.8	0	97	22.1	0
2750	NK Brand	NK9175-DV	34	F	100	22.8	3	100	104	22.3	0	101	101	26.2	0	103	19.0	0	108	21.8	0
2750	Pioneer	P9301AM	23	L	90	21.7	0	103	85	20.8	0	103	91	26.2	0	80	17.2	0	84	18.9	0
2750	Pioneer	P9316Q	36	L					100	21.0	0	104	99	25.8	0	98	18.0	0	101	19.3	0
2775	NK Brand	NK9347-D	33	F					103	21.6	0	99	96	26.4	0	106	18.6	0	109	19.9	0
2800	CROPLAN	CP3341SS	8	F					98	21.5	0	102	93	26.5	0	104	17.4	0	98	20.5	0
2800	CROPLAN	CP3490VT2P	6	F	100	23.6	0	99	104	23.0	0	99	101	27.1	0	106	18.4	0	104	23.6	0
2800	Horizon	HZ 3386	33	F	97	22.8	2	100	100	22.0	1	100	97	26.2	1	104	18.8	3	99	21.1	0
2800	Pioneer	P9466AML	37	L					96	22.1	0	99	95	27.0	0	94	18.3	0	100	20.9	0
2825	Brevant	B95R46AM	23	L	98	23.3	1	99	100	22.2	1	99	100	28.4	0	99	17.8	1	99	20.5	0
2825	CROPLAN	3575VT2P/RIB	6	F	99	23.2	0	101	102	22.3	0	100	99	28.2	0	99	17.3	1	109	21.5	0
2825	Pioneer	P9535AM	23	L	99	22.9	0	101	98	21.7	0	100	98	27.2	0	97	17.2	0	98	20.6	0
2850	Brevant	B96H83AM	23	L	100	23.3	0	101	95	23.0	0	101	94	28.4	0	96	17.7	0	96	22.8	0
2850	Brevant	B96R56AM	23	L	97	22.7	0	102	98	21.8	0	103	97	27.4	0	97	18.0	0	102	20.1	0
2850	DEKALB	DKC44-80RIB	6	L	100	22.5	1	100	99	21.7	1	100	104	27.8	0	95	17.1	3	96	20.1	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	Horizon	HZ 3584	34	F					97	22.0	0	98	103	26.3	0	90	19.5	0	98	20.3	0
2850	Maizex	MZ 3505DBR	6	F	105	22.6	0	99	102	21.7	0	101	97	27.9	0	105	17.0	0	105	20.1	0
2850	NK Brand	NK9535-V	27	F	102	23.2	1	102	100	22.7	0	102	100	28.3	0	100	19.3	0	102	20.6	0
2850	Pioneer	P9608AM	23	L	97	23.6	0	102	99	23.0	0	101	91	29.1	0	104	18.6	0	103	21.2	0
2850	Pioneer	P9624Q	36	L					93	22.5	0	100	92	28.4	0	94	18.4	0	94	20.8	0
2850	PRIDE Seeds	A6566G8 RIB	8	F					103	22.2	0	101	106	27.2	0	96	18.0	0	109	21.3	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	97	22.9	0	100	102	21.6	0	101	95	26.4	0	113	17.4	0	99	20.9	0
2875	DEKALB	DKC45-35RIB	6	L					102	22.1	0	100	101	28.2	0	104	18.2	1	100	19.9	0
2875	DEKALB	DKC45-74RIB	8	L					105	22.7	1	99	105	28.3	0	108	18.3	1	102	21.5	0
2875	NK Brand	NK9653-DV	34	F	98	23.1	0	102	98	22.2	0	103	97	26.9	0	93	18.4	0	104	21.3	0
2875	PRIDE Seeds	A6585G8 RIB	8	F	98	23.2	1	99	98	22.1	0	101	97	27.5	0	97	17.9	1	100	20.9	0
2900	CROPLAN	CP3720TRE	32	F					102	22.9	0	101	106	29.0	0	95	17.8	1	102	21.9	0
2900	CROPLAN	CP3980VT2P	6	F	105	23.2	1	99	103	22.3	1	99	100	28.9	0	109	17.7	1	98	20.3	0
2900	DEKALB	DKC46-40RIB	6	L	107	23.3	0	100	104	22.8	0	100	105	28.6	0	106	17.9	0	102	21.8	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	100	22.9	0	101	97	22.3	0	102	101	28.4	0	97	17.7	1	92	20.7	0
2925	Brevant	B98D25AM	23	L	100	23.6	0	101	101	22.9	0	100	101	27.8	0	107	18.9	0	94	22.1	0
2925	DLF	PS 28185GSX	8	L	106	24.2	0	98	107	23.5	0	99	100	29.5	0	106	18.7	0	116	22.3	0
2925	Horizon	K2112N	0	C					98	23.8	0	100	102	29.8	0	99	20.8	0	93	20.9	0
2925	Maizex	MZ 3818DBR	6	F	104	23.5	1	99	105	22.8	0	100	108	30.1	0	98	18.8	1	107	19.4	0
2925	Pioneer	P9823Q	36	L	107	23.9	0	98	105	23.0	0	98	108	28.4	0	99	18.2	0	106	22.5	0
2950	DEKALB	DKC48-08RIB	8	L					101	23.9	0	98	104	28.9	0	105	19.5	0	94	23.4	0
2950	DEKALB	DKC48-70RIB	32	L	102	23.7	0	99	99	22.8	0	98	101	29.2	0	97	18.5	0	98	20.8	0
2950	Maizex	MZ 3930DBR	6	F		23.9	1	98	107	23.1	1	99	111	30.5	0	100	18.2	3	110	20.5	0
2950	Pioneer	P9845AM	23	L					103	23.8	1	99	103	28.8	0	102	19.6	3	105	23.1	0
2950	Pioneer	P9998AM	23	L	100	24.2	0	99	101	23.7	0	99	105	30.0	0	97	18.8	0	101	22.3	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	101	23.8	0	100	103	23.6	0	99	100	29.5	0	110	18.9	0	100	22.4	0
2975	DEKALB	DKC49-09RIB	6	L	102	23.8	0	100	101	22.8	0	100	104	28.4	0	103	18.3	0	96	21.8	0
2975	DLF	PS 2955GSX RIB	8	L	102	23.8	0	101	101	22.9	0	101	101	28.7	0	104	18.3	1	97	21.7	0
2975	DLF	PS 2991VT2P RIB	6	L	108	24.0	1	99	105	23.5	0	98	103	30.3	0	106	18.9	0	106	21.4	0
2975	Horizon	HZ 3858	34	F	100	25.9	0	100	97	25.8	0	98	94	31.1	0	100	22.0	0	97	24.4	0
2975	Maizex	MZ 4049SMX	8	F					103	23.9	0	99	105	30.9	0	94	18.9	1	111	22.0	0
2975	Maizex	MZ 4280DBR	6	F	104	24.5	1	99	104	23.9	0	99	105	29.5	0	105	19.7	0	101	22.4	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 %
3000	Brevant	B00R96AM	23	L	101	25.1	0	99	99	24.6	0	99	100	31.6	0	108	19.6	0	89	22.6	0
3000	NK Brand	NK0007-AA	28	F					109	24.0	0	100	98	30.6	0	112	19.5	0	120	21.8	0
3000	NK Brand	NK9991-D	33	F	103	24.4	0	99	100	24.3	0	99	106	30.6	0	89	20.5	0	106	21.9	0
3000	Pioneer	P0035AM	23	L	106	24.6	0	97	106	24.3	0	97	109	31.0	0	109	20.4	0	99	21.6	0
3000	Pioneer	P0075AM	23	L	105	25.2	1	98	102	24.6	0	98	102	32.3	0	99	18.8	0	104	22.8	0
3025	Horizon	HZ 4169	27	F					97	24.1	1	97	97	29.7	1	92	19.5	1	104	23.0	0
3050	De Dell	DL 5472	0	-					95	26.5	0	97	102	31.8	0	91	21.8	0	92	26.0	0
3050	DEKALB	DKC50-30RIB	8	L	104	24.0	0	100	99	22.9	0	99	99	29.1	0	97	18.5	0	104	21.1	0
3075	DEKALB	DKC101-14RIB	8	L					101	25.3	0	99	105	31.4	0	102	21.8	0	97	22.7	0
3075	DEKALB	DKC101-35RIB	6	L					109	24.0	0	97	109	31.8	0	110	18.4	0	109	21.7	0
3100	DEKALB	DKC52-52RIB	8	L	109	25.3	0	99	108	24.7	0	98	106	31.1	0	111	19.5	0	107	23.5	0
3100	Maizex	MZ 4158DBR	6	F	110	25.1	0	98	108	24.0	0	99	104	29.7	0	115	19.4	1	104	23.0	0
LSD (0.10) for Yield Index Points*					4				6				8			14			12		
Average all hybrids **					214	23.2	1	70	200	22.5	0	72	225	28.0	0	196	18.4	1	178	21.2	0

¹ Blyth 2021-2022, Port Hope 2021-2022, Waterloo 2021-2022

² Blyth, Port Hope, Waterloo

* 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.