

**Table 3W: Blyth, Port Hope, Waterloo**
**2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

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.

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages <sup>1</sup>				2019 averages <sup>2</sup>				Results of 2019 Performance Trials					
					average of 5 trials				average of 2 trials				BLYTH			WATERLOO		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2625	Pioneer	P8989AM	23	L					99	25.4	4	104	102	23.2	7	96	27.5	0
2650	Brevant	B90J12AM	23	L					100	26.6	1	101	105	24.9	1	95	28.3	1
2650	Pioneer	P9188AM	23	L	98	24.1	2	102	102	26.6	1	104	101	26.5	2	103	26.6	0
2725	Brevant	B92R26AM	23	L					103	27.7	1	99	104	27.2	1	102	28.2	0
2725	Maizex	MZ 3117DBR	6	F					100	28.5	0	99	104	27.3	0	97	29.7	0
2750	Horizon	HZ 3245	27	F					94	27.7	3	102	89	26.9	6	100	28.5	0
2750	Horizon	HZ 878	27	F	104	24.1	5	100	105	26.3	12	101	105	26.4	17	105	26.1	8
2750	Maizex	E63G62 R	6	F					97	28.6	1	103	98	27.6	1	96	29.6	0
2750	Pioneer	P9330AM	23	L	95	24.1	2	102	92	26.3	4	104	91	23.9	6	94	28.7	1
2775	Horizon	HZ 3295	28	F	101	25.5	2	99	107	29.6	3	99	112	29.3	5	102	29.9	1
2775	Maizex	MZ 3397SMX	8	F	100	25.2	1	101	105	27.9	1	101	106	26.1	1	104	29.8	0
2775	NK Brand	NK8920 3120	28	F	98	24.8	2	100	96	27.6	5	101	93	27.0	10	99	28.3	1
2800	Brevant	B94R06AM	23	L					96	28.0	3	102	92	26.0	5	99	30.0	0
2800	Legend Seeds	LR 9993 GENSSRIB	8	C					95	29.9	0	100	89	30.3	0	102	29.6	0
2800	Maizex	E65G82 R	6	F					100	29.4	1	100	98	29.6	1	102	29.2	0
2800	NK Brand	NK9227 3220A	27	F	98	25.4	2	100	98	28.7	3	100	98	27.8	6	99	29.6	0
2800	Pioneer	P9404AM	23	L	96	24.6	0	103	101	27.8	1	102	102	26.9	1	99	28.8	0
2825	Brevant	B92R15SX	8	C	93	25.2	1	100	98	29.3	1	100	97	28.9	1	98	29.8	0
2825	Brevant	B95R46AM	23	L					100	29.0	2	99	98	27.7	2	102	30.2	2
2825	CROPLAN	3575VT2P/RIB	6	L					106	30.2	0	101	109	29.0	0	103	31.4	0
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L					98	29.3	7	101	96	27.5	13	100	31.1	0
2825	Legend Seeds	LR 9094 VT2PRIB	6	P					100	29.1	0	100	94	28.3	0	106	30.0	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	96	24.7	0	100	97	28.2	0	100	95	27.7	0	99	28.6	0
2850	Country Farm	CF430	0	F	102	24.9	1	102	97	28.2	2	103	105	27.6	3	91	28.8	1
2850	De Dell	DX359	0	-					91	29.7	6	101	93	28.1	9	90	31.3	3
2850	DEKALB	DKC44-80RIB	6	L	105	25.5	2	100	106	29.4	4	99	109	29.1	7	104	29.6	0
2850	DLF PICKSEED	PS 2815	0	L	98	25.9	1	100	102	30.3	0	100	100	29.7	0	103	30.8	1
2850	Legend Seeds	LR 9495 VT2PRIB	6	C	93	26.3	0	100	96	31.7	0	98	91	32.2	0	101	31.2	0
2850	NK Brand	NK9535 3220	27	F	100	26.3	1	101	102	30.3	2	102	100	29.6	2	103	30.9	1
2850	Pioneer	P9608AM	23	L	94	25.5	0	101	89	28.3	1	102	84	27.3	2	95	29.2	0
2850	Pioneer	P9608AMXT	24	L	94	25.2	0	103	98	28.0	1	104	95	26.8	1	100	29.2	0
2850	Pioneer	P9621AMXT	24	L	102	25.8	0	96	102	29.6	1	95	99	28.6	1	104	30.5	0

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2850	PRIDE Seeds	A6572G2 RIB	6	F					104	29.9	1	101	105	29.5	1	102	30.3	0
2875	Country Farm	CF19205	6	F					104	30.6	2	100	104	30.4	3	105	30.8	1
2875	Country Farm	CF453	6	F	90	26.2	0	101	90	29.9	0	101	90	29.5	0	91	30.3	0
2875	Country Farm	CF458	8	F	100	25.2	2	101	102	29.0	2	101	102	28.3	4	101	29.7	0
2875	CROPLAN	3795VT2P/RIB	6	L					95	30.8	1	99	98	29.1	2	92	32.5	0
2875	CROPLAN	3899VT2P/RIB	6	L	104	27.3	2	99	105	32.5	2	98	99	32.8	3	111	32.3	0
2875	DEKALB	DKC45-65RIB	8	L	102	26.6	0	99	100	32.3	0	99	106	32.0	0	95	32.5	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	97	26.2	0	99	100	30.9	0	99	100	30.6	0	101	31.3	0
2875	Maizex	MZ 3690DBR	6	F					100	30.2	1	99	99	30.4	2	101	30.0	0
2900	CROPLAN	4079VT2P/RIB	6	L					97	34.0	1	99	94	35.0	2	100	32.9	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L					105	29.6	1	101	114	28.5	2	96	30.7	1
2900	Horizon	HZ 3787	27	F	101	26.4	3	98	101	30.8	1	98	103	30.1	1	100	31.4	1
2900	Legend Seeds	LR 9997 GENSSRIB	8	P5	104	27.2	0	100	107	32.2	1	100	110	32.8	1	104	31.6	1
2900	Maizex	E67H95	0	F					111	31.3	1	100	115	31.1	2	108	31.4	0
2900	NK Brand	NK9738 3010	27	F	99	25.1	1	100	94	28.6	3	99	91	28.0	6	97	29.3	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	103	26.4	1	101	105	30.3	1	101	107	29.8	1	102	30.8	1
2900	PRIDE Seeds	A6777G2 RIB	6	F	99	26.5	1	100	97	30.8	1	99	97	30.8	2	97	30.9	0
2925	Brevant	B98D25AM	23	L					99	30.4	0	99	95	29.9	0	102	31.0	0
2925	Country Farm	CF487	6	F	93	26.8	0	99	97	31.6	0	99	97	31.2	1	98	32.1	0
2925	CROPLAN	3909VT2P/RIB	6	L					101	31.0	0	99	100	31.3	0	102	30.8	0
2925	DEKALB	DKC47-55RIB	6	L	101	26.1	0	102	97	30.6	0	102	101	30.4	0	94	30.7	0
2925	Maizex	MZ 3818DBR	6	F	99	27.2	0	99	104	31.5	0	99	102	31.2	0	105	31.7	0
2925	Maizex	MZ 3877SMX	8	F	99	25.9	1	99	101	30.1	1	100	100	29.1	1	101	31.0	1
2925	Pioneer	P9840AM	23	L	104	26.1	1	98	102	29.6	1	97	105	28.3	1	100	30.9	1
2950	De Dell	DL 4555	0	-	99	27.9	0	102	101	33.1	1	102	103	33.7	1	99	32.6	0
2950	DEKALB	DKC48-28RIB	6	L	102	26.0	1	100	99	30.6	1	100	103	29.1	1	95	32.1	0
2950	DEKALB	DKC48-56RIB	8	L	104	26.6	1	101	105	31.6	0	101	107	31.3	0	103	31.9	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5	103	27.2	0	99	103	32.0	0	100	101	33.4	1	106	30.5	0
2950	Maizex	E67H92 R	6	F					106	31.8	1	99	109	32.0	1	103	31.6	0
2950	Pioneer	P9946AML	23	L					98	31.2	0	100	95	32.1	0	100	30.4	0
2950	Pioneer	P9998AM	23	L	100	27.2	1	99	95	31.0	1	99	86	30.6	1	104	31.4	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	101	27.4	0	100	103	32.7	0	97	98	33.4	1	107	31.9	0

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2950	PRIDE Seeds	A6888G2 RIB	6	F	100	26.8	1	99	101	32.0	1	100	105	31.8	1	98	32.2	0
2975	DEKALB	DKC49-09RIB	6	L	99	26.8	0	100	96	31.8	0	99	97	31.7	0	95	31.9	0
2975	Maizex	MZ 402X	0	F	103	26.9	2	100	103	31.1	2	101	104	31.0	3	101	31.3	2
2975	Maizex	MZ 4040DBR	6	F					107	32.6	1	99	110	32.7	2	104	32.6	0
2975	Maizex	MZ 4280DBR	6	F	111	26.6	5	99	106	31.1	3	99	98	32.0	6	114	30.1	0
3000	Brevant	B00R96AM	23	L					96	31.0	2	98	96	29.8	2	97	32.2	1
3000	Country Farm	CF598	8	F					98	32.5	1	101	93	32.6	1	103	32.5	0
3000	Horizon	HZ 4010	27	F	104	27.6	0	99	101	31.0	0	100	108	29.6	0	95	32.4	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C	94	27.3	0	99	90	32.3	0	99	92	31.5	1	87	33.1	0
3000	Pioneer	P0075AM	23	L					102	33.8	0	96	105	34.6	0	99	33.0	0
3000	Pioneer	P0157AM	23	L	105	26.8	1	100	101	31.1	1	100	104	29.8	2	98	32.4	1
3000	Pioneer	P9998AMXT	24	L	105	27.2	0	100	108	32.0	0	99	108	32.2	1	108	31.7	0
3025	CROPLAN	4188VT2P/RIB	6	L					97	33.1	1	98	93	33.4	1	100	32.8	0
3025	CROPLAN	4203VT2P/RIB	6	L					102	30.3	2	101	110	28.6	3	95	32.0	0
3025	Horizon	HZ 4101	27	F					97	34.2	1	99	108	34.2	1	87	34.2	1
3050	DEKALB	DKC50-26RIB	8	L	100	26.8	0	101	99	32.1	0	101	102	31.5	1	96	32.8	0
3050	Pioneer	P0157AMXT	24	L	98	28.1	0	99	91	32.4	1	100	86	31.8	1	95	33.1	0
3075	CROPLAN	4203SS/RIB	8	L					101	32.0	1	99	94	33.0	1	107	31.0	0
3100	Legend Seeds	LR 9903 VT2PRIB	6	P5	104	27.4	2	99	102	32.5	2	99	98	31.7	4	105	33.3	0
3100	Maizex	MZ 4158DBR	6	F	105	27.9	0	98	103	33.0	1	98	102	32.2	1	104	33.7	0
LSD (0.10) for Yield Index Points*					5				8				13			9		
Average all hybrids **					232				231				220			241		

<sup>1</sup> Blyth 2018-2019, Port Hope 2018, Waterloo 2018-2019

<sup>2</sup> Blyth, 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.