

Table 3W: Blyth, Port Hope, Waterloo

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages ¹				2018 averages ²				Results of 2018 Performance Trials								
					average of 5 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 %
2650	Pioneer	P9188AM	23	L	98	23.5	2	101	96	22.4	2	101	93	22.3	1	101	19.9	6	95	25.1	0
2700	Pioneer	P9188AMXT	25	L	89	23.5	1	102	88	22.3	1	102	90	21.5	0	86	19.7	1	87	25.7	1
2750	Brevant	B90R02SX	8	C	85	23.8	0	99	86	22.4	0	99	80	21.0	0	86	19.5	1	92	26.6	0
2750	Horizon	HZ 3295	28	F	102	23.6	1	101	100	22.8	1	99	111	23.0	0	92	20.6	2	97	24.7	0
2750	Horizon	HZ 878	27	F	108	23.6	4	99	106	22.7	1	99	113	21.9	0	100	20.0	2	105	26.1	0
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	95	23.9	0	101	93	23.1	1	100	91	22.5	0	95	19.6	2	94	27.1	0
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					97	22.6	0	101	95	22.9	0	96	19.9	0	99	25.1	0
2750	Maizex	MZ 305X	0	F					87	21.8	3	101	81	20.7	0	90	19.0	8	90	25.8	1
2750	Pioneer	P9330AM	23	L	96	24.0	3	101	99	22.6	2	101	96	22.4	0	100	20.3	4	101	25.1	1
2775	NK Brand	NK8920 3120	28	C	103	24.1	1	101	101	22.9	0	100	108	22.6	0	97	19.9	1	98	26.3	0
2775	Pioneer	P9526AM	23	L					91	22.6	0	101	92	22.7	0	92	20.3	1	90	24.8	0
2800	Maizex	MZ 3144DBR	6	F					101	22.1	3	102	95	21.4	0	98	19.4	9	108	25.5	0
2800	Maizex	MZ 3216DBR	6	F	101	23.2	0	100	98	22.1	0	100	95	21.2	0	97	19.8	1	103	25.4	0
2800	Maizex	MZ 3397SMX	8	F	98	24.6	1	100	99	23.3	1	100	91	23.1	0	101	19.7	2	104	27.2	0
2800	NK Brand	NK9227 3220A	27	C	101	24.3	1	101	99	23.2	1	100	109	23.2	0	94	20.5	1	95	25.8	1
2800	Pioneer	P9404AM	23	L	93	23.8	1	102	94	22.5	0	103	88	22.0	0	103	20.0	0	93	25.4	0
2800	PRIDE Seeds	A6018G2 RIB	6	F	98	23.8	0	100	95	22.6	0	101	94	22.2	0	92	19.4	1	99	26.2	0
2800	PRIDE Seeds	A6102G8 RIB	8	F	90	23.1	0	102	92	22.1	0	102	85	21.6	1	93	19.8	1	97	24.9	0
2825	Brevant	B92R15SX	8	C	94	23.9	1	100	92	22.4	2	101	83	21.9	0	97	20.5	5	94	24.7	0
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	100	24.1	1	100	101	22.6	1	100	98	22.1	0	100	19.8	2	104	25.9	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	97	23.8	1	99	97	22.4	1	99	90	22.6	0	97	19.2	2	105	25.4	0
2850	Country Farm	CF430	0	F	110	23.9	2	102	107	22.7	1	102	118	21.9	0	98	19.9	2	105	26.2	1
2850	CROPLAN	3575SS/RIB	8	A					91	23.0	0	102	89	22.6	0	96	19.7	1	89	26.7	0
2850	DEKALB	DKC44-80RIB	6	L					107	23.0	1	100	105	23.1	1	107	19.8	4	108	26.1	0
2850	DLF PICKSEED	PS 2815	0	L	98	24.5	1	99	97	23.1	1	100	98	22.6	0	99	19.9	3	95	26.7	1
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	93	24.9	0	100	93	22.7	0	100	93	22.8	0	97	19.8	1	89	25.4	0
2850	Maizex	MZ 3410DBR	6	F	104	24.3	1	101	102	22.9	1	100	95	22.2	0	103	19.6	3	109	27.0	0
2850	Maizex	MZ 3522DBR	6	F	94	24.2	1	99	97	22.4	1	100	100	22.1	0	106	19.8	3	84	25.2	0
2850	NK Brand	NK9535 3220	27	C	106	25.4	0	101	101	23.7	0	100	105	23.7	0	104	20.8	0	94	26.5	0
2850	Pioneer	P9608AM	23	L	96	24.7	1	101	99	23.7	0	100	98	23.5	0	110	20.4	0	90	27.3	0
2850	Pioneer	P9608AMXT	24	L	95	24.3	0	103	93	23.3	0	102	86	23.4	0	102	20.0	0	91	26.5	0
2850	Pioneer	P9621AMXT	24	L	104	24.4	1	96	104	23.3	0	96	112	23.4	1	102	20.6	0	100	25.9	1
2875	Country Farm	CF453	6	F					92	23.7	0	101	100	22.7	0	89	20.0	1	87	28.4	0
2875	Country Farm	CF458	8	F	101	23.9	1	100	101	22.6	2	100	91	22.3	3	102	20.1	1	108	25.5	1
2875	Country Farm	CF462	14	F	92	24.3	2	101	92	23.0	1	101	103	23.1	1	92	20.2	4	83	25.7	0
2875	CROPLAN	3899VT2P/RIB	6	A					105	23.9	2	99	102	23.5	0	111	20.4	5	104	27.7	0
2875	DEKALB	DKC45-65RIB	8	L	106	24.6	0	99	106	22.8	0	99	109	22.5	0	107	19.9	0	102	25.9	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	99	24.6	0	99	96	23.1	0	99	99	22.3	1	93	19.8	1	98	27.1	0
2875	NK Brand	NK9659 3120	28	C	107	24.3	2	100	107	22.6	1	100	113	22.1	0	105	20.4	3	103	25.4	1
2900	DEKALB	DKC46-17RIB	6	L	100	24.3	0	102	97	22.6	0	102	96	22.0	0	102	19.6	1	94	26.1	0

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					average of 5 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 %
2900	DLF PICKSEED	PS 2902VT2P RIB	6	L	97	24.2	4	102	99	22.9	3	102	101	23.2	1	99	20.2	8	96	25.4	1
2900	Horizon	HZ 3787	27	F	98	24.2	2	100	103	23.6	4	97	114	23.7	0	91	20.6	11	103	26.4	0
2900	Horizon	HZ 3790	14	F	109	25.4	8	99	108	23.3	10	100	109	24.2	0	97	20.5	28	117	25.2	2
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					104	23.8	0	100	109	23.4	0	98	20.7	1	105	27.3	0
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	95	24.4	0	99	95	23.6	0	98	97	22.6	0	91	20.1	1	98	28.1	0
2900	Maizex	MZ 3611SMX	8	F	95	25.0	0	102	92	23.9	0	102	92	23.5	0	90	20.0	1	95	28.3	0
2900	Maizex	MZ 3656DBR	6	F	95	25.2	0	100	92	23.4	0	100	96	22.5	1	92	20.1	0	89	27.6	0
2900	NK Brand	NK9738 3010	19	C					104	22.7	0	101	114	21.7	0	95	20.2	1	104	26.1	1
2900	Pioneer	P9840AMXT	24	L	99	24.8	2	98	99	23.3	2	98	99	23.0	1	99	19.8	4	100	27.1	1
2900	PRIDE Seeds	A6848G2 RIB	6	F	100	25.7	0	99	98	24.0	0	100	100	23.5	0	95	20.1	0	99	28.5	0
2900	PRIDE Seeds	XP18097G2	6	A					104	23.8	1	101	103	23.3	0	110	20.3	2	100	27.8	0
2900	PRIDE Seeds	XP18098G2	6	A					103	23.6	1	101	103	22.6	1	106	19.8	3	100	28.3	0
2925	Country Farm	CF474	8	F	101	24.7	1	100	103	22.8	2	101	98	23.4	0	107	19.8	5	103	25.1	0
2925	Country Farm	CF487	6	F	98	24.5	0	100	92	23.6	1	99	87	22.7	0	98	20.1	2	91	28.0	0
2925	DEKALB	DKC47-55RIB	6	L					105	23.1	0	102	107	22.4	0	103	20.0	0	105	26.8	0
2925	Pioneer	P9840AM	23	L	105	25.2	2	97	108	23.7	1	97	106	23.6	0	109	20.6	2	108	26.9	0
2925	PRIDE Seeds	A6888G2 RIB	6	F	100	25.5	0	99	102	23.3	1	99	101	23.0	0	100	20.3	2	103	26.6	0
2925	PRIDE Seeds	XP18099G2	6	A					102	24.5	2	99	96	23.9	1	105	20.1	4	105	29.6	1
2950	CROPLAN	3909SS/RIB	8	A					104	23.2	0	100	100	23.2	0	109	20.3	1	103	26.2	0
2950	CROPLAN	4079SS/RIB	8	A	102	25.6	1	99	101	24.1	1	99	109	23.6	0	98	20.7	3	97	28.0	0
2950	De Dell	DL 4555	0	-	100	26.2	0	101	99	24.4	0	102	97	24.5	0	100	21.4	1	101	27.4	0
2950	DEKALB	DKC48-28RIB	6	L	105	24.6	1	100	106	23.0	2	100	108	23.0	0	105	19.8	5	105	26.1	0
2950	DEKALB	DKC48-56RIB	8	L	106	24.8	1	101	106	23.3	1	101	105	22.5	0	105	20.1	4	108	27.3	1
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					106	24.1	0	99	104	22.9	0	106	20.7	1	106	28.7	0
2950	Maizex	MZ 3877SMX	8	F					101	23.2	1	99	99	22.4	1	94	20.5	2	108	26.7	0
2950	Maizex	MZ 3818DBR	6	F	98	26.3	0	98	97	24.3	0	99	100	24.0	0	99	20.2	1	93	28.7	0
2950	Maizex	MZ 3964DBR	6	F	103	25.3	1	100	101	23.8	2	99	100	23.2	1	104	20.0	4	98	28.3	0
2950	Pioneer	P9998AM	23	L	107	25.5	1	100	106	24.7	0	100	103	24.8	0	117	21.0	1	99	28.4	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	102	25.3	0	100	101	24.0	1	101	101	24.2	0	95	20.1	2	107	27.6	0
2975	DEKALB	DKC49-09RIB	6	L					103	23.5	0	101	103	23.2	0	107	20.4	1	101	27.0	0
2975	DEKALB	DKC50-78RIB	6	L	95	24.7	1	100	96	23.3	1	99	95	22.2	1	101	20.2	2	93	27.4	0
3000	Country Farm	CF18402	8	F					101	22.7	1	102	98	21.8	0	104	20.2	3	102	26.1	0
3000	Horizon	HZ 4010	27	F	110	26.8	0	99	108	25.4	0	98	111	25.5	0	104	20.2	0	109	30.4	0
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					99	24.0	0	99	93	24.5	0	102	20.3	1	102	27.2	0
3000	Pioneer	P0157AM	23	L	107	25.9	1	99	110	23.9	0	100	107	23.8	0	115	20.8	1	107	27.0	1
3000	Pioneer	P9998AMXT	24	L	103	25.4	1	100	104	24.0	0	100	100	24.1	0	104	20.8	1	109	27.0	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 %
3050	Brevant	B00R25PW	29	C					97	24.1	0	98	103	24.2	0	91	21.2	0	99	26.8	0
3050	DEKALB	DKC50-26RIB	8	L	101	24.9	0	101	102	23.2	0	102	111	22.8	0	97	20.3	0	99	26.6	0
3050	Maizex	MZ 402X	0	F	106	25.9	3	100	105	24.0	2	100	104	23.8	0	110	20.4	3	102	27.8	3
3050	Maizex	MZ 4158DBR	6	F					108	24.5	0	98	100	24.4	0	105	21.4	0	118	27.7	0
3050	Maizex	MZ 4280DBR	6	F	114	25.4	5	99	116	23.7	6	99	122	22.9	0	107	20.5	19	120	27.7	0
3050	Pioneer	P0157AMXT	24	L	102	26.8	0	98	104	25.2	0	98	102	25.4	0	113	21.1	0	97	29.2	0
3100	DEKALB	DKC52-84RIB	8	L	98	25.7	1	97	99	24.0	0	97	99	23.6	0	95	20.8	1	104	27.7	0
3100	Legend Seeds	LR 9903 GENSSRIB	8	P5					107	24.1	2	99	108	22.7	1	100	20.6	5	112	28.9	1
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	98	26.9	1	100	97	25.3	1	100	96	24.9	0	98	21.3	3	98	29.6	0
LSD (0.10) for Yield Index Points*					5				6				12			12			9		
Average all hybrids **					230				229				216			225			245		

¹ Blyth 2017-2018, Port Hope 2018, Waterloo 2017-2018

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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.