

Table 3W: Blyth, Port Hope, Waterloo

## 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages <sup>1</sup>				2020 averages <sup>2</sup>				Results of 2020 Performance Trials								
					average of 5 trials				average of 3 trials				BLYTH			PORT HOPE			WATERLOO		
					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2625	Pioneer	P8989AM	23	L	98	23.1	3	103	98	21.6	3	103	96	23.9	6	101	15.8	0	96	25.2	3
2650	Brevant	B90112AM	23	L	98	23.8	1	101	98	22.0	1	101	95	24.3	3	101	16.4	0	97	25.3	0
2650	Brevant	B91T25AM	23	L					97	22.2	1	102	104	23.5	3	97	16.9	1	90	26.1	0
2650	Pioneer	P9188AM	23	L	97	23.5	2	104	94	21.5	2	104	93	23.3	1	91	16.8	4	97	24.3	2
2725	Brevant	B92R26AM	23	L	100	24.0	0	100	99	21.5	0	100	107	24.0	0	86	15.6	0	103	24.8	0
2725	Maizex	MZ 3117DBR	6	F	102	25.0	1	99	104	22.7	2	99	103	24.4	3	109	16.8	4	101	26.8	0
2725	NK Brand	NK8920-5122	33	F					95	23.0	1	99	93	24.9	3	94	16.6	0	96	27.5	0
2725	Pioneer	P9233AM	23	L					100	22.4	1	103	101	24.3	2	95	17.0	1	103	26.0	0
2750	Horizon	HZ 3245	27	F	97	25.1	1	101	99	23.4	0	101	99	25.3	0	97	17.2	0	99	27.7	0
2750	Horizon	HZ 3247	34	F					99	22.7	0	101	101	25.4	0	92	17.4	0	103	25.4	0
2750	Maizex	E63G62 R	6	F	98	25.5	0	103	100	23.4	0	104	97	24.8	0	97	17.1	0	105	28.3	0
2750	NK Brand	NK9227-5222A	34	F					94	23.8	1	98	99	26.2	1	88	17.1	3	95	28.2	0
2750	Pioneer	P9301AM	23	L					98	22.8	1	105	98	24.1	2	93	17.7	2	101	26.6	0
2775	Maizex	MZ 3397SMX	8	F	100	25.0	1	100	97	23.0	1	100	103	24.3	1	93	16.7	3	95	28.0	0
2800	Maizex	E65G82 R	6	F	100	25.8	1	100	100	23.4	1	99	100	24.7	0	96	17.0	1	105	28.4	1
2800	Pioneer	P9404AM	23	L	98	24.9	0	102	96	22.9	0	102	95	25.7	1	98	17.6	0	94	25.4	0
2825	Brevant	B95R46AM	23	L	99	26.0	1	98	99	24.0	0	98	103	25.7	0	97	16.6	0	96	29.8	0
2825	CROPLAN	3575VT2P/RIB	6	F	102	26.4	1	101	100	23.9	1	101	96	26.1	0	109	16.8	2	96	28.7	0
2825	Horizon	HZ 3295	28	F	100	26.2	2	98	96	23.9	1	98	98	26.7	1	93	17.3	1	98	27.7	1
2825	PRIDE Seeds	A6455G8 RIB	8	F	99	24.8	0	100	101	22.6	0	100	103	24.2	0	95	16.6	0	104	27.0	0
2850	Country Farm	CF430	0	F												105	16.8	1	102	24.8	0
2850	DEKALB	DKC44-80RIB	6	L	105	25.8	3	99	104	23.4	3	100	107	25.7	2	104	16.6	3	102	28.0	3
2850	DLF PICKSEED	PS 2815	0	L												112	17.1	0	100	29.2	0
2850	Horizon	HZ 3584	34	F					99	24.7	2	97	101	26.8	0	96	17.9	4	101	29.4	1
2850	NK Brand	NK9535 3220	27	F	101	26.3	1	102	101	23.7	1	103	104	25.0	1	97	17.6	1	102	28.6	0
2850	NK Brand	NK9610-5122	33	F					95	25.0	2	98	86	27.4	1	101	17.7	4	97	29.9	0
2850	NK Brand	NK9653-5222	34	F					99	24.9	0	101	102	25.6	0	96	18.4	0	97	30.8	0
2850	Pioneer	P9608AM	23	L	95	26.1	0	102	99	24.6	0	102	91	26.1	0	103	17.5	0	101	30.3	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	26.1	1	100	100	23.6	1	100	103	25.7	0	100	16.6	2	97	28.6	0
2875	Country Farm	CF202	8	F					103	24.3	0	100	104	25.7	0	111	16.9	0	94	30.4	0
2875	Country Farm	CF453	6	F	93	25.8	0	101	96	23.1	0	101	97	25.3	0	92	16.6	1	98	27.5	0
2875	Country Farm	CF458	8	F	100	25.5	1	101	99	23.2	1	101	100	25.0	2	96	17.9	1	99	26.8	0
2875	CROPLAN	3899VT2P/RIB	6	L	104	28.3	1	98	103	25.4	1	99	101	26.9	3	109	18.0	0	99	31.3	0
2875	DEKALB	DKC45-65RIB	8	L	102	27.2	0	100	104	23.8	0	100	104	25.0	0	105	17.4	1	103	29.1	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	100	26.3	0	99	99	23.3	0	99	99	25.4	0	97	16.3	0	102	28.1	0
2875	Maizex	MZ 3690DBR	6	F	100	26.2	1	98	100	23.6	1	98	88	25.2	1	104	16.6	1	108	28.9	0
2875	PRIDE Seeds	A6585G8 RIB	8	F					94	24.8	1	100	97	26.3	1	94	17.9	0	90	30.2	2
2900	CROPLAN	CP3735VT2P/RIB	6	F					95	25.0	2	100	96	25.8	0	100	19.1	0	88	30.1	6
2900	DEKALB	DKC46-40RIB	6	L					105	24.2	1	100	106	24.5	3	105	18.2	0	104	29.9	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	97	26.6	1	101	92	24.5	1	101	96	25.6	1	88	16.7	1	91	31.3	0
2900	Horizon	HZ 3787	27	F	100	27.3	1	99	99	25.0	2	99	102	28.1	1	103	18.3	0	93	28.5	5
2900	NK Brand	NK9738-5222	34	F					103	24.2	0	100	111	26.0	0	95	18.3	1	102	28.2	0

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					Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2900	PRIDE Seeds	A6694G2 RIB	6	F	104	26.6	1	101	104	24.1	1	100	106	26.8	2	102	17.5	2	105	27.9	0
2900	PRIDE Seeds	A6777G2 RIB	6	F	98	27.1	1	101	99	24.5	0	101	92	25.4	1	104	16.7	0	100	31.5	0
2925	Brevant	B98D25AM	23	L	98	27.3	0	100	98	25.2	0	100	104	26.6	0	90	18.7	0	100	30.3	0
2925	Country Farm	CF487	6	F	97	27.3	0	99	96	24.3	1	100	95	26.7	1	94	15.3	1	99	31.0	0
2925	DEKALB	DKC47-55RIB	6	L	100	26.7	0	102	102	24.1	0	102	105	25.5	1	110	17.9	0	92	28.8	0
2925	Maizex	E67H92 R	6	F	103	28.1	0	99	102	25.7	0	99	102	27.0	0	100	18.2	0	103	31.8	0
2925	Maizex	E67H95	0	F												105	18.0	0	99	30.6	0
2925	Maizex	MZ 3818DBR	6	F	101	27.4	0	99	100	24.6	0	99	98	27.0	0	98	17.1	0	102	29.8	0
2925	Maizex	MZ 3877SMX	8	F	99	26.9	1	99	99	24.8	1	99	105	25.8	1	94	17.8	2	98	30.8	0
2925	Pioneer	P9840AM	23	L	104	26.6	1	98	105	24.5	2	98	103	26.7	1	110	17.5	4	102	29.4	0
2950	Country Farm	CF203	8	F					98	23.7	0	98	97	25.8	0	94	17.4	0	103	28.0	0
2950	CROPLAN	3909SS/RIB	8	F					102	25.2	1	99	97	27.2	1	106	17.6	2	101	30.7	0
2950	De Dell	DL 4555	0	-												102	20.3	0	98	30.9	0
2950	DEKALB	DKC48-28RIB	6	L	98	26.7	2	100	98	24.1	3	100	103	26.3	0	94	16.4	8	99	29.7	0
2950	DEKALB	DKC48-56RIB	8	L	102	27.1	1	100	101	24.0	2	100	98	25.4	4	101	17.9	1	103	28.8	0
2950	Pioneer	P9946AML	23	L	100	27.4	1	101	102	24.8	1	102	102	26.3	2	109	18.7	1	97	29.3	0
2950	Pioneer	P9998AM	23	L	100	28.1	0	100	104	26.1	0	101	106	27.5	0	104	19.3	0	103	31.6	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	98	28.6	1	99	95	25.8	1	100	104	27.8	4	85	17.6	0	97	32.1	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	101	27.8	1	100	102	25.0	1	100	96	27.7	1	108	17.1	3	102	30.1	0
2975	DEKALB	DKC49-09RIB	6	L	97	27.9	0	100	99	25.2	0	100	97	27.4	0	96	17.1	1	102	31.2	0
2975	DEKALB	DKC49-44RIB	8	L	101	28.4	0	100	102	25.3	0	101	100	27.0	0	108	18.5	0	99	30.3	0
2975	DLF PICKSEED	PS 2955GSX RIB	8	L					96	24.8	1	99	103	26.5	1	88	18.7	1	98	29.1	0
2975	Maizex	MZ 4040DBR	6	F	107	29.0	1	99	108	26.6	1	99	108	28.5	3	108	17.8	0	108	33.5	0
2975	Maizex	MZ 4280DBR	6	F	105	27.5	2	100	105	25.2	2	100	103	26.8	3	106	19.3	1	107	29.5	0
3000	Brevant	B00R96AM	23	L	102	28.3	1	99	106	26.5	0	99	108	28.3	0	100	19.3	0	110	31.8	0
3000	Country Farm	CF598	8	F	99	27.4	1	102	100	24.0	1	102	95	25.8	0	99	17.5	2	106	28.7	0
3000	CROPLAN	4188VT2P/RIB	6	F	100	29.6	0	98	102	27.3	0	98	96	28.9	0	108	19.1	0	102	34.0	0
3000	Horizon	HZ 4010	27	F	99	28.3	1	99	98	26.5	1	99	99	29.4	0	97	16.7	3	99	33.4	0
3000	NK Brand	NK9991-5122	33	F					104	25.4	0	100	103	26.4	0	107	18.7	0	102	31.2	0
3000	Pioneer	P0075AM	23	L	102	30.3	0	97	103	28.0	1	98	98	30.0	1	109	19.5	1	102	34.6	0
3025	CROPLAN	4188SS/RIB	8	F					100	25.2	0	97	100	27.1	0	100	18.0	0	99	30.6	0
3025	Horizon	HZ 4101	27	F	94	29.5	1	98	93	26.4	1	98	97	28.9	0	88	18.4	4	93	32.0	0
3050	CROPLAN	CP4265VT2P/RIB	6	F					104	26.8	0	99	95	29.9	1	109	18.6	0	107	31.9	0
3050	DEKALB	DKC51-98RIB	8	L					104	25.2	1	99	104	26.5	1	101	18.3	1	108	30.9	0
3050	Pioneer	P0157AMXT	24	L	96	29.0	0	100	99	26.7	0	101	99	26.7	0	96	19.8	1	103	33.5	0
3075	NK Brand	NK0243-5122	33	F					110	26.5	1	96	107	28.6	1	120	19.4	2	103	31.5	0
3100	Maizex	MZ 4158DBR	6	F	106	28.8	2	97	108	26.1	3	97	100	27.4	8	114	19.0	0	110	31.8	1
3100	NK Brand	NK0472-5222	34	F					97	27.9	1	100	94	29.9	2	100	20.6	0	97	33.1	0
LSD (0.10) for Yield Index Points*					5				6				7			13			7		
Average all hybrids **					226	26.8	1	68	222	24.4	1	68	209	26.2	1	222	17.7	1	235	29.4	0

<sup>1</sup> Blyth 2019-2020, Port Hope 2020, Waterloo 2019-2020

<sup>2</sup> Blyth, Port Hope, Waterloo

\*\* Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

\* 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.