

Table 4: Exeter, Ilderton, Woodstock, Belmont

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 ¹				2019 averages ²				Results of 2019		
					average of 4 trials				average of 1 trials				BELMONT		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
2850	NK Brand	NK9535 3220	27	F	103	24.0	0	101	106	29.7	1	104	106	29.7	1
2850	Pioneer	P9608AM	23	L	94	23.3	1	104	95	27.3	2	104	95	27.3	2
2850	Pioneer	P9608AMXT	24	L	88	23.2	1	104	95	27.7	0	105	95	27.7	0
2850	Pioneer	P9621AMXT	24	L	104	23.9	2	98	104	28.1	3	99	104	28.1	3
2875	CROPLAN	3899VT2P/RIB	6	L	101	23.9	1	100	106	29.8	2	101	106	29.8	2
2900	CROPLAN	4079VT2P/RIB	6	L					104	33.6	1	99	104	33.6	1
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L					99	28.7	0	103	99	28.7	0
2900	NK Brand	NK9738 3010	27	F	104	23.9	2	100	105	29.7	0	102	105	29.7	0
2900	PRIDE Seeds	A6694G2 RIB	6	F					95	31.8	1	101	95	31.8	1
2925	Brevant	B98D25AM	23	L					110	30.1	1	100	110	30.1	1
2925	Country Farm	CF487	6	F	96	23.3	0	102	97	29.9	0	101	97	29.9	0
2925	CROPLAN	3909VT2P/RIB	6	L					102	29.7	0	100	102	29.7	0
2925	Maizex	MZ 3818DBR	6	F	99	24.0	0	99	90	30.8	1	100	90	30.8	1
2925	Maizex	MZ 3877SMX	8	F	102	24.2	1	100	103	32.3	0	100	103	32.3	0
2925	Pioneer	P9840AM	23	L	95	23.4	3	99	89	28.7	5	97	89	28.7	5
2950	Pioneer	P9946AML	23	L					100	30.7	0	100	100	30.7	0
2950	Pioneer	P9998AM	23	L	99	24.6	1	100	101	30.3	0	100	101	30.3	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	103	24.0	0	100	99	30.9	0	99	99	30.9	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	96	23.8	0	101	102	30.5	1	100	102	30.5	1
2975	DEKALB	DKC49-09RIB	6	L	103	24.2	1	101	100	31.3	0	100	100	31.3	0
2975	Maizex	MZ 4040DBR	6	F					113	31.1	2	101	113	31.1	2
2975	Maizex	MZ 4049SMX	8	F					97	33.0	0	100	97	33.0	0
2975	Maizex	MZ 4280DBR	6	F	106	25.4	2	100	101	32.0	3	101	101	32.0	3
3000	Brevant	B00R96AM	23	L					97	31.2	2	100	97	31.2	2
3000	Country Farm	CF598	8	F					97	30.5	2	103	97	30.5	2
3000	DLF PICKSEED	PS 3035VT2P RIB	6	L	103	24.2	1	100	110	30.1	1	100	110	30.1	1
3000	Horizon	HZ 1028	0	F					93	28.7	3	103	93	28.7	3
3000	Horizon	HZ 4010	27	F	99	24.9	1	99	101	32.4	1	99	101	32.4	1
3000	Maizex	MZ 4151TRE	4	F					102	32.0	0	96	102	32.0	0
3000	Pioneer	P0075AM	23	L					105	32.6	0	97	105	32.6	0
3000	Pioneer	P0157AM	23	L	100	24.6	1	101	101	31.7	0	102	101	31.7	0
3000	Pioneer	P9998AMXT	24	L	104	25.1	0	100	106	31.8	0	99	106	31.8	0

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					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %
3025	CROPLAN	4188VT2P/RIB	6	L					96	33.1	1	98	96	33.1	1
3025	CROPLAN	4203VT2P/RIB	6	L					101	30.6	0	103	101	30.6	0
3025	Horizon	HZ 4101	27	F	97	25.9	2	100	95	33.2	1	102	95	33.2	1
3050	Country Farm	CF19407	6	F					109	32.4	1	96	109	32.4	1
3050	DEKALB	DKC50-26RIB	8	L	100	24.5	1	102	97	32.1	0	102	97	32.1	0
3050	Pioneer	P0157AMXT	24	L	101	25.4	0	101	88	32.0	0	101	88	32.0	0
3075	CROPLAN	4203SS/RIB	8	L					96	33.7	2	98	96	33.7	2
3075	Horizon	HX J204Y	27	F					116	34.3	2	100	116	34.3	2
3075	Horizon	HZ 4398	27	F	95	27.4	1	97	92	37.7	0	97	92	37.7	0
3075	PRIDE Seeds	A7270G8 RIB	8	F	99	25.7	1	100	99	33.7	2	99	99	33.7	2
3100	DEKALB	DKC52-84RIB	8	L	93	24.3	0	99	93	31.5	0	98	93	31.5	0
3100	Maizex	MZ 4158DBR	6	F	100	25.9	1	99	104	34.9	0	98	104	34.9	0
3100	Maizex	MZ 4368SMX	8	F	101	25.2	1	99	100	33.2	0	99	100	33.2	0
3100	Pioneer	P0306AM	23	L	106	24.7	3	99	99	32.1	1	100	99	32.1	1
3125	Brevant	B04S21AM	23	L					100	36.3	0	99	100	36.3	0
3125	Country Farm	CF19412	6	F					103	32.1	1	99	103	32.1	1
3125	Pioneer	P0414AM	23	L	103	26.4	10	100	103	34.1	1	99	103	34.1	1
3150	Country Farm	CF19501	8	F					96	35.2	0	101	96	35.2	0
3150	CROPLAN	4488SS/RIB	8	L					110	33.7	0	99	110	33.7	0
3150	De Dell	DL 6207	0	-	102	27.6	5	98	95	36.7	1	101	95	36.7	1
3150	Maizex	MZ 4577SMX	8	F					100	34.0	0	99	100	34.0	0
3150	Maizex	MZ 4691DBR	6	F					107	34.8	3	102	107	34.8	3
3150	Pioneer	P0506AM	23	L	101	25.7	1	99	95	32.1	0	99	95	32.1	0
3175	DEKALB	DKC54-45RIB	8	L	105	27.0	2	100	104	35.5	2	100	104	35.5	2
3200	Maizex	MZ 4623SMX	8	F	98	27.0	0	97	92	35.7	0	97	92	35.7	0
LSD (0.10) for Yield Index Points*					5				11				11		
Average all hybrids **					224	24.9	1	65	194	32.0	1	64	194	32.0	1

¹ , Ilderton 2018, Woodstock 2018, Belmont 2018-2019

² Belmont

* 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.