

Table 4: Exeter, Ilderton, Woodstock, Belmont

2021 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2020-2021 averages ¹				2021 averages ²				Results of 2021 Performance Trials											
					average of 8 trials				average of 4 trials				BELMONT			EXETER			ILDERTON			WOODSTOCK		
					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 %	Yield Index	Moist %	Ldg %
2825	Brevant	B95R46AM	23	L	94	21.4	0	100	90	19.3	0	101	84	17.9	0	95	20.1	0	85	19.3	0	97	19.8	0
2850	Brevant	B96H83AM	23	L					96	20.6	1	103	94	18.9	0	97	21.5	1	93	20.9	0	102	21.1	2
2850	Brevant	B96R56AM	23	L					100	20.2	0	105	101	19.0	1	100	20.9	1	103	20.9	0	95	20.0	0
2900	CROPLAN	CP3735VT2P/RIB	6	F					93	19.8	0	104	95	17.7	0	97	21.8	0	85	19.4	0	94	20.2	0
2900	CROPLAN	CP3980VT2P	6	F					105	20.0	0	100	109	18.0	0	104	22.1	1	99	18.6	0	106	21.1	0
2925	Brevant	B98D25AM	23	L	95	22.6	0	102	92	21.1	0	102	91	19.5	0	91	22.3	0	98	20.6	0	88	21.8	0
2925	Maizex	MZ 3818DBR	6	F	100	22.9	0	101	102	20.4	0	101	88	18.7	0	103	21.8	0	108	20.7	0	108	20.2	0
2925	Maizex	MZ 3877SMX	8	F	96	22.7	0	101	94	20.7	0	101	92	19.0	0	93	21.9	0	87	20.6	0	105	21.4	0
2925	Pioneer	P9823Q	36	L					102	20.7	1	99	96	19.2	3	102	21.7	1	109	20.6	0	101	21.1	1
2950	Maizex	EX18-30SMX	6	F						21.8	0	98		20.1	0		22.8	0		21.4	0	107	22.8	0
2950	Maizex	MZ 397	0	F					105	20.1	0	100	111	18.3	0	101	21.7	0	101	19.9	0	107	20.4	1
2950	Pioneer	P9946AML	23	L	97	22.8	0	103	99	20.7	0	103	96	19.4	0	98	22.1	0	108	20.6	0	94	20.8	2
2950	Pioneer	P9998AM	23	L	99	23.5	0	101	93	21.0	0	101	91	19.2	0	89	22.1	0	93	21.4	0	97	21.3	0
2950	PRIDE Seeds	A6757G8 RIB	8	F					99	20.8	0	100	100	18.6	0	93	22.9	0	100	20.6	0	105	21.2	0
2975	DEKALB	DKC49-09RIB	6	L	102	22.5	0	102	100	20.2	0	102	96	18.7	0	103	22.1	1	101	18.4	0	100	21.4	0
2975	DLF PICKSEED	PS 29191VT2P	6	L					103	20.8	0	99	105	19.2	0	105	22.7	0	101	20.5	0	102	20.8	0
2975	DLF PICKSEED	PS 2955GSX RIB	8	L	96	22.7	0	102	96	21.1	0	100	95	19.1	0	100	23.0	0	94	21.4	0	93	20.9	0
2975	Maizex	MZ 4040DBR	6	F	103	24.4	0	99	102	21.3	0	100	103	19.1	0	96	22.9	0	111	21.1	0	100	22.0	1
2975	Maizex	MZ 4049SMX	8	F	104	23.8	0	100	104	22.0	1	100	105	20.3	4	104	23.7	0	110	21.8	0	98	22.2	0
2975	Maizex	MZ 4280DBR	6	F					104	21.3	1	100	105	19.8	0	105	22.4	3	103	21.1	0	103	21.9	1
3000	Brevant	B00R96AM	23	L	101	23.5	0	100	100	20.7	0	100	101	19.2	0	100	21.6	0	94	21.0	0	105	21.1	0
3000	CROPLAN	4188VT2P/RIB	6	F	101	23.9	0	99	100	20.9	0	99	99	18.8	0	104	22.3	0	103	21.3	0	96	21.4	0
3000	Maizex	MZ 4151TRE	32	F					94	20.4	1	99	93	18.8	1	98	21.9	1	93	20.2	0	93	20.5	0
3000	NK Brand	NK9991-5122	33	F	101	23.5	0	101	98	21.4	0	101	100	19.4	0	101	23.4	0	93	20.5	0	98	22.4	0
3000	Pioneer	P0035AM	23	L					103	21.0	1	99	99	19.3	0	105	21.7	1	105	20.5	0	105	22.7	2
3000	Pioneer	P0075AM	23	L	103	23.8	0	99	104	21.2	0	100	103	19.6	0	103	22.7	0	98	21.2	0	111	21.2	0
3000	PRIDE Seeds	XP21098G4	32	P					100	20.4	0	99	103	19.2	0	102	22.1	1	97	19.3	0	97	20.9	0
3025	Horizon	HZ 4169	27	F					96	21.3	1	101	100	19.4	0	89	23.0	3	102	20.5	1	92	22.3	0
3050	CROPLAN	CP4265VT2P/RIB	6	F					99	21.1	0	99	101	18.6	0	99	22.6	0	99	21.1	0	96	22.0	1
3050	DEKALB	DKC50-30RIB	8	L					98	20.6	0	100	98	19.2	0	99	22.0	0	105	20.0	0	92	21.0	0
3050	DEKALB	DKC51-98RIB	8	L	99	23.1	0	100	97	21.2	0	100	94	19.8	0	96	22.8	0	100	21.1	0	98	20.9	0
3050	Pioneer	P0157AMXT	24	L	97	23.4	0	102	95	21.1	0	102	87	18.5	1	93	22.2	0	95	21.8	0	106	22.0	0
3050	PRIDE Seeds	A7197G8 RIB	8	F					97	21.5	0	99	98	19.3	0	96	22.5	0	101	21.6	0	94	22.5	0

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3075	NK Brand	NK0243-5122	33	F	105	24.5	1	97	107	21.9	1	97	114	20.2	1	107	22.6	1	99	21.3	0	108	23.3	2
3100	DEKALB	DKC52-52RIB	8	L					108	21.6	0	99	109	20.5	0	106	23.9	0	105	21.2	0	112	21.0	0
3100	Horizon	HZ 4314	33	F	103	25.3	2	97	99	22.6	5	96	101	20.9	0	99	24.4	14	101	21.7	1	96	23.4	3
3100	Maizex	MZ 4158DBR	6	F	104	23.5	0	99	107	21.5	0	99	104	19.3	0	102	23.1	0	110	21.1	0	111	22.3	0
3100	Maizex	MZ 4691DBR	6	F	97	24.1	0	102	94	21.3	0	102	95	18.6	0	89	23.3	0	95	21.4	0	99	22.0	0
3100	NK Brand	NK0314-5122	33	F					94	22.9	1	102	96	21.0	1	98	24.4	2	84	22.3	0	99	23.8	0
3100	NK Brand	NK0472-5222	34	F	97	24.9	0	101	100	22.5	0	101	102	20.7	0	98	24.4	0	98	21.4	0	103	23.7	0
3100	Pioneer	P0306AM	23	L	96	24.1	0	100	95	21.7	0	100	95	19.6	2	94	22.9	0	90	21.6	0	98	22.6	0
3100	PRIDE Seeds	A7286G7 E-Z Refuge	34	F					95	21.9	0	100	106	20.1	0	90	23.7	1	97	20.9	1	85	22.9	0
3125	Brevant	B04D72Q	36	L					106	22.0	0	99	101	20.1	0	111	23.1	0	113	21.7	0	101	23.1	2
3125	Brevant	B04S21AM	23	L	103	25.2	0	99	100	22.2	0	100	97	20.6	0	100	23.3	0	102	22.5	0	101	22.5	0
3125	DEKALB	DKC53-60RIB	32	L					102	20.8	0	99	99	19.6	1	107	21.9	0	100	19.6	0	101	21.9	0
3125	DEKALB	DKC53-87RIB	8	L					103	22.5	0	100	105	20.6	1	104	23.6	1	104	21.7	0	99	24.1	0
3125	Pioneer	P0404AM	23	L					99	22.2	0	99	99	20.1	0	96	22.9	0	99	22.3	0	100	23.4	0
3125	Pioneer	P0434AM	23	L					103	21.8	0	102	109	19.4	0	107	23.3	0	96	22.0	1	101	22.6	0
3125	Pioneer	P0487Q	36	L					107	21.7	1	98	107	20.0	3	110	22.6	0	103	22.1	0	106	22.2	0
3150	CROPLAN	CF674	8	F					98	22.7	0	99	103	20.2	0	90	24.7	1	99	21.6	0	99	24.3	0
3150	De Dell	DL 6590	0	-	101	25.5	0	95	102	22.8	0	95	105	21.1	0	109	23.8	0	96	22.8	0	99	23.5	0
3150	Maizex	MZ 4577SMX	8	F					102	23.0	0	99	99	21.9	0	102	24.3	0	102	22.8	0	105	22.9	0
3150	Pioneer	P0506AM	23	L	105	25.0	0	100	106	22.7	1	100	104	21.1	0	107	24.2	2	109	22.5	0	106	23.1	0
3175	CROPLAN	4676SS/RIB	8	F	100	25.3	1	99	101	22.8	1	99	103	20.5	0	105	24.5	5	110	21.9	0	87	24.4	0
3175	DEKALB	DKC54-77RIB	6	L					102	20.4	1	100	101	18.5	0	103	22.3	1	100	19.9	0	103	21.1	2
3200	Maizex	MZ 4608SMX	8	F					109	23.0	0	98	113	21.6	1	109	24.5	0	117	22.5	0	97	23.6	0
LSD (0.10) for Yield Index Points*					3				5				9			10			12			11		
Average all hybrids **					225	23.8	0	69	231	21.3	0	71	244	19.6	0	233	22.8	1	212	21.1	0	236	22.0	0

¹ Exeter 2020-2021, Ilderton 2020-2021, Woodstock 2020-2021, Belmont 2020-2021 ² Exeter, Ilderton, Woodstock, 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.

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.