

Table 5: Ridgetown, Tilbury, Dresden

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 5 trials				average of 3 trials				DRESDEN			RIDGETOWN			TILBURY		
					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 %
3000	Brevant	B00R96AM	23	L	97	20.5	1	101	96	19.1	1	101	95	18.2	4	98	22.3	0	96	16.9	0
3000	CROPLAN	4188VT2P/RIB	6	F	96	20.2	0	99	95	18.4	0	99	90	17.2	0	98	21.2	0	96	16.8	0
3000	Maizex	MZ 4151TRE	32	F					96	18.0	0	98	91	16.7	0	100	20.5	0	95	16.8	0
3000	Pioneer	P0035AM	23	L					103	19.1	1	99	102	18.0	0	101	22.2	0	106	17.2	2
3000	Pioneer	P0075AM	23	L	95	20.4	1	100	92	19.2	0	100	89	18.7	0	100	21.8	0	85	17.1	1
3050	CROPLAN	CP4265VT2P/RIB	6	F	98	20.1	0	99	98	18.8	0	99	98	17.6	0	99	21.8	0	98	17.0	0
3050	Pioneer	P0157AMXT	24	L					96	19.1	1	102	96	18.3	0	96	21.5	0	95	17.3	1
3075	NK Brand	NK0243-5122	33	F	96	21.0	3	97	96	19.4	4	97	96	19.1	7	96	22.1	2	94	17.0	1
3100	Horizon	HZ 4314	33	F	102	22.0	0	97	106	20.1	1	97	111	19.4	1	99	23.9	0	108	17.1	1
3100	Maizex	MZ 4158DBR	6	F					100	18.9	0	99	102	17.5	0	100	22.2	0	98	17.1	0
3100	NK Brand	NK0314-5122	33	F					94	20.0	4	102	97	19.7	5	93	22.7	2	93	17.6	5
3100	NK Brand	NK0472-5222	34	F	98	21.5	0	102	101	19.9	0	101	108	19.2	1	95	23.4	0	99	17.0	0
3100	Pioneer	P0306AM	23	L	94	21.2	0	101	95	19.4	0	101	94	18.9	0	99	22.2	0	90	17.1	0
3125	Brevant	B04D72Q	36	L					102	19.6	1	99	97	18.5	0	106	23.2	0	102	17.2	2
3125	Brevant	B04S21AM	23	L	98	21.7	0	101	98	19.9	0	101	102	19.4	0	99	23.2	0	93	17.2	0
3125	DEKALB	DKC53-60RIB	32	L					99	18.7	0	99	102	17.7	0	97	21.5	0	100	16.9	0
3125	DEKALB	DKC53-87RIB	8	L	97	20.5	1	102	96	19.4	1	101	100	18.4	0	96	22.5	0	90	17.3	2
3125	Pioneer	P0404AM	23	L					99	19.6	0	100	94	19.3	0	100	22.1	0	102	17.3	0
3125	Pioneer	P0434AM	23	L					96	19.6	0	102	96	19.2	0	99	22.4	0	92	17.3	0
3125	Pioneer	P0487Q	36	L					102	19.3	0	100	103	18.6	0	106	22.2	0	98	17.2	0
3150	CROPLAN	CF674	8	F	95	20.6	0	101	96	19.4	0	100	101	18.3	0	95	22.8	0	93	17.1	0
3150	Maizex	MZ 4577SMX	8	F	101	20.8	0	101	99	19.7	1	100	95	18.0	1	98	23.7	0	103	17.4	0
3150	Pioneer	P0506AM	23	L					97	19.8	1	101	95	19.4	0	102	22.8	0	93	17.3	2
3175	CROPLAN	4676SS/RIB	8	F	98	21.1	1	101	96	19.6	2	101	94	18.1	2	99	23.4	1	95	17.3	1
3175	DEKALB	DKC54-45RIB	8	L	101	20.7	0	100	101	19.4	0	99	100	17.9	1	102	23.2	0	99	17.1	0
3175	DEKALB	DKC54-77RIB	6	L	97	20.0	1	100	95	18.8	1	100	94	17.5	1	95	21.8	0	96	16.9	1
3175	DEKALB	DKC56-15RIB	32	L					109	19.7	0	98	105	19.2	0	107	22.6	0	115	17.2	1
3175	PRIDE Seeds	A7373G2 RIB	6	F	103	21.5	0	101	102	19.6	0	101	99	19.1	0	102	22.6	0	105	17.1	0
3200	Brevant	B07M64AM	23	L	109	22.0	0	99	110	19.8	0	99	108	19.0	0	104	23.2	0	118	17.2	0
3200	CROPLAN	4791AS3111	20	F	100	22.4	0	99	99	20.3	0	99	99	19.7	0	91	23.9	0	108	17.3	0
3200	DEKALB	DKC56-65RIB	8	L	102	22.0	0	99	104	19.8	0	99	105	18.2	0	103	24.0	0	104	17.3	1
3200	Maizex	MZ 452	0	F	106	20.9	0	99	102	19.2	0	99	104	18.1	0	105	22.5	0	97	17.0	1
3200	Maizex	MZ 4608SMX	8	F					108	19.6	0	99	107	18.2	0	103	23.0	0	115	17.4	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 %
3200	PRIDE Seeds	A7464G4 RIB	32	F					98	19.5	1	100	99	18.3	0	97	23.1	0	99	17.0	2
3225	Pioneer	P0720AM	23	L	102	22.9	0	99	102	20.2	0	99	103	19.6	0	104	23.7	0	99	17.5	1
3250	DEKALB	DKC57-16RIB	32	L					100	20.8	0	101	104	19.9	0	94	25.2	0	103	17.3	1
3250	DEKALB	DKC58-34RIB	8	A					102	19.5	0	102	106	18.3	0	99	23.2	0	101	17.1	0
3250	Maizex	MZ 4888SMX	8	F	100	21.3	1	103	99	19.6	0	102	97	18.6	0	100	22.8	0	102	17.3	0
3250	Pioneer	P0806AM	23	L					100	20.3	0	99	98	19.8	0	102	23.9	0	100	17.3	0
3250	PRIDE Seeds	A7790G8 RIB	8	F	100	22.0	0	102	96	20.5	0	102	96	19.7	0	100	24.2	0	93	17.5	0
3275	Maizex	MZ 4821DBR	6	F					109	20.5	0	100	111	19.6	0	104	24.8	0	112	17.2	0
3275	Maizex	MZ 5088DBR	6	F	101	22.2	0	100	101	19.9	0	100	100	18.4	1	103	24.1	0	101	17.1	0
3300	CROPLAN	4997VT2P/RIB	6	F	104	22.9	0	99	103	20.0	0	99	103	18.4	0	102	24.5	0	104	17.1	1
3300	PRIDE Seeds	A7818G2 RIB	6	F	103	21.3	0	98	105	18.9	0	98	104	17.4	0	104	22.5	0	106	16.8	0
3325	DEKALB	DKC60-87RIB	8	L					102	20.4	0	101	100	19.7	0	105	24.4	0	99	17.1	0
3400	PRIDE Seeds	A8303G8 RIB	8	F	105	22.9	0	100	106	21.7	1	101	106	20.9	0	102	26.1	0	110	18.1	2
LSD (0.10) for Yield Index Points*					4				5				7			5			12		
Average all hybrids **					247	21.3	0	71	247	19.6	0	72	245	18.7	1	260	23.0	0	234	17.2	1

¹ Ridgetown 2020-2021, Tilbury 2021, Dresden 2020-2021

² Ridgetown, Tilbury, Dresden

* 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.