

Table 5: Ridgetown, Tilbury, Dresden 2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

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 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 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 %
2975	Maizex	MZ 4040DBR	6	F					99	23.2	20	101	90	24.3	26	103	21.3	2	103	24.0	33
3000	Brevant	B00R96AM	23	L					100	22.8	8	102	99	23.8	6	101	20.7	0	100	23.9	16
3000	Maizex	MZ 4151TRE	4	F					104	23.0	2	99	104	24.4	0	101	20.3	0	107	24.4	5
3000	Pioneer	P0075AM	23	L									99	23.8	2				103	25.0	15
3000	Pioneer	P0157AM	23	L	94	22.0	11	103	95	22.6	6	104	87	21.9	1	103	21.8	0	92	24.1	17
3025	CROPLAN	4188VT2P/RIB	6	L					102	23.5	5	101	97	24.0	4	100	21.2	0	109	25.3	12
3025	CROPLAN	4203VT2P/RIB	6	L					97	21.6	11	105	104	20.7	1	97	21.7	0	92	22.4	32
3050	Pioneer	P0157AMXT	24	L	100	22.7	4	103	98	23.8	7	103	98	23.3	1	98	22.5	1	99	25.5	18
3075	CROPLAN	4203SS/RIB	8	L					101	23.3	3	102	104	22.4	1	98	22.1	0	102	25.4	9
3075	Horizon	HX J204Y	27	F					102	25.6	6	100	106	24.6	3	94	25.6	0	109	26.7	16
3100	Maizex	MZ 4368SMX	8	F	98	22.7	13	100	99	24.3	9	101	103	24.8	1	97	22.1	0	98	26.1	26
3100	Pioneer	P0306AM	23	L	98	22.7	23	102	95	23.7	17	102	96	24.0	2	100	22.0	0	89	25.1	49
3125	Brevant	B04521AM	23	L					100	25.8	7	100	100	26.1	0	103	22.6	1	96	28.6	19
3125	Pioneer	P0414AM	23	L	100	23.6	18	99	103	24.6	5	100	104	25.8	0	103	22.8	1	102	25.1	14
3150	Country Farm	CF19501	8	F					95	24.0	2	102	94	24.4	1	95	21.8	0	96	25.8	5
3150	CROPLAN	4488SS/RIB	8	L	102	23.7	20	101	103	25.3	7	102	105	24.6	12	102	23.9	0	104	27.3	7
3150	Maizex	MZ 4577SMX	8	F					102	24.3	14	102	97	24.8	8	99	22.6	0	110	25.5	35
3150	Maizex	MZ 4691DBR	6	F					95	25.7	9	103	93	25.0	3	102	23.0	0	88	29.0	25
3150	Pioneer	P0506AM	23	L	102	24.0	13	101	98	25.1	10	102	91	25.6	3	104	22.7	6	96	27.0	22
3175	CROPLAN	4676SS/RIB	8	A					98	26.6	3	100	100	26.5	4	95	23.3	0	99	30.0	6
3175	DEKALB	DKC54-45RIB	8	L	95	23.3	13	100	100	24.8	9	101	96	25.1	10	101	22.7	0	101	26.7	18
3175	DEKALB	DKC55-05RIB	6	L	99	22.5	18	100	98	24.1	6	101	97	23.5	5	99	21.7	1	100	27.2	11
3175	PRIDE Seeds	A7373G2 RIB	6	F	97	24.2	9	101	99	26.2	5	101	97	26.6	3	97	22.7	0	104	29.4	11
3200	Brevant	B08R85SX	8	C									100	26.1	2	100	26.1	2			
3200	CROPLAN	4791AS3111	20	L	99	25.4	23	97	99	27.4	11	96	104	29.2	10	96	24.3	0	100	28.6	23
3200	Maizex	MZ 4623SMX	8	F	103	24.7	10	97	101	26.5	4	97	101	26.1	0	99	23.9	0	102	29.6	13
3200	PRIDE Seeds	A7818G2 RIB	6	P					107	26.2	3	96	107	26.6	0	104	24.0	0	112	27.9	10
3225	Pioneer	P0720AM	23	L					103	28.3	4	97	105	27.3	1	103	25.5	0	102	32.1	12
3250	Pioneer	P0825AM	23	L	100	24.7	11	97	98	25.9	9	97	99	25.6	1	100	24.7	2	94	27.4	24
3250	PRIDE Seeds	A7790G8 RIB	8	F	98	26.2	3	102	99	28.5	4	101	100	30.3	0	98	24.7	0	100	30.5	12
3275	DEKALB	DKC58-06RIB	8	L	98	25.1	12	102	99	27.0	11	102	97	26.3	11	101	25.6	0	98	29.1	21
3275	Maizex	MZ 5088DBR	6	F					105	28.3	16	100	112	28.8	5	102	25.1	6	104	31.0	38

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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 %
3300	Country Farm CF758	8	F	101	23.7	13	101	102	25.4	11	102	105	25.3	0	101	23.1	8	103	27.8	24
3300	CROPLAN 4997VT2P/RIB	6	L	101	25.4	19	99	100	27.4	19	99	99	26.9	5	102	24.9	0	98	30.3	52
3300	De Dell DL 7250	0	-	95	27.3	16	103	92	29.7	5	101	87	30.1	4	100	26.7	1	87	32.2	11
3300	DEKALB DKC59-50RIB	6	L	98	25.8	19	99	99	28.0	13	99	102	28.3	5	98	24.9	3	98	30.7	32
3300	Maizex MZ 5134DBR	6	F	102	25.1	16	98	100	27.0	7	98	99	27.4	6	99	24.4	0	104	29.2	14
3300	Pioneer P0825AMXT	24	L	105	25.1	13	96	102	26.3	6	95	106	26.8	0	100	24.7	2	101	27.4	17
3300	Pioneer P0977AM	23	L	103	25.0	22	101	105	26.9	11	100	101	27.9	5	111	23.6	3	100	29.3	24
3325	Brevant B10R23AM	23	L					96	28.0	9	99	93	27.9	0	101	25.4	0	92	30.7	27
3325	DEKALB DKC60-87RIB	8	P5					106	29.2	5	99	111	30.1	2	104	25.9	0	104	31.7	14
3350	Country Farm CF762	4	F									98	24.5	5				94	30.2	26
3375	DEKALB DKC63-60RIB	8	P5	105	27.9	13	101	101	30.5	15	99	108	31.4	2	97	28.0	0	99	32.1	43
3400	Country Farm CF19506	6	F					105	29.4	10	96	111	28.6	10	100	26.9	1	105	32.6	19
3400	Pioneer P1197AMXT	24	L	100	25.8	12	97	96	28.1	8	96	92	28.2	2	96	25.4	2	98	30.8	20
3400	PRIDE Seeds A8303G8 RIB	8	F	107	28.3	6	101	99	31.5	6	98	100	31.8	2	94	29.6	0	106	33.1	16
LSD (0.10) for Yield Index Points*				4				4				9			5			9		
Average all hybrids **				215 24.7 14 69				210 26.0 8 68				188 26.1 4			254 23.8 1			190 28.1 20		

¹ Ridgetown 2018-2019, Tilbury 2019, Dresden 2018-2019

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.