

**Table 5: Ridgetown, Tilbury, Dresden**

**2017 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2016-2017 averages <sup>1</sup>				2017 averages <sup>2</sup>				Results of 2017 Performance Trials								
					average of 6 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	Pioneer	P0157AM	23	L	96	20.4	1	102	93	20.7	1	103	99	19.7	3	89	20.8	0	93	21.7	0
3025	Legend Seeds	LS 5601 Conv.	0	C					92	21.4	2	101	90	19.9	5	96	22.1	0	90	22.0	0
3050	Dow Seeds	DS01C77RA	8	C	93	20.6	0	100	97	21.4	1	100	94	20.2	3	102	21.5	0	94	22.5	0
3050	Dow Seeds	DS01D87RA	8	C	93	20.7	0	101	95	21.4	0	102	92	21.6	0	91	21.1	0	102	21.5	0
3050	Pioneer	P0157AMXT	24	L	96	20.8	0	102	92	21.4	0	103	93	19.7	0	89	22.6	0	93	21.8	0
3100	Dow Seeds	DS02J57RA	8	C	100	21.0	4	100	101	21.6	6	102	101	20.8	15	103	21.8	0	99	22.2	1
3100	Maizex	MZ 4343DBR	6	F	96	22.2	0	101	100	23.0	0	102	107	22.4	0	98	23.7	0	96	22.9	0
3100	Maizex	MZ 4368SMX	8	F					99	21.4	1	100	99	20.7	2	99	22.0	0	99	21.6	0
3100	Maizex	MZ 4525SMX	8	F	93	22.0	1	99	93	22.5	3	99	96	21.5	8	91	23.3	0	92	22.6	0
3100	NK Brand	NK0327 3120	28	C	96	20.9	8	104	94	21.7	16	105	92	21.1	41	97	22.2	0	93	21.8	6
3100	Pioneer	P0306AM	23	L					100	21.5	1	101	100	20.4	2	101	22.2	0	98	22.0	0
3125	Dow Seeds	DS04Y97RA	8	C					94	22.1	2	99	88	20.8	5	97	22.1	0	96	23.3	0
3125	Legend Seeds	LR 9203 GENSSRIB	8	C					97	21.8	3	100	96	21.0	10	102	21.8	0	93	22.7	0
3125	Legend Seeds	LR 9503 GENSSRIB	8	C					93	21.4	3	101	92	20.3	8	92	21.8	0	96	22.3	0
3125	Pioneer	P0414AM	23	L					109	22.9	2	99	118	21.4	7	106	23.8	0	104	23.4	0
3125	Pioneer	P0574AMXT	24	L					90	22.5	1	100	87	21.1	4	94	23.1	0	88	23.3	0
3150	De Dell	DL 6207	0	-					107	23.1	2	99	101	22.8	5	112	23.6	0	108	23.0	0
3150	Legend Seeds	LR 9705 GENSS	8	C					95	21.3	1	103	97	20.9	2	94	21.5	0	96	21.5	0
3150	Pioneer	P0506AM	23	L	101	21.2	0	102	100	21.9	0	101	105	21.7	1	96	21.9	0	99	22.0	0
3150	Pioneer	P0574AM	23	L					98	22.7	4	99	101	21.5	12	97	22.7	0	97	23.8	0
3175	DEKALB	DKC55-05RIB	6	A	107	21.5	0	100	109	22.4	0	100	115	21.6	0	108	23.1	0	104	22.4	0
3175	PRIDE Seeds	A7615G8 RIB	8	A	97	22.2	1	102	98	23.0	1	102	98	21.2	2	107	23.9	0	89	23.8	0
3200	Country Farm	CF686	8	A	96	21.4	1	98	94	22.2	1	98	97	20.5	2	89	23.2	0	96	22.9	0
3200	Dow Seeds	8598RA	8	C	101	22.7	0	97	104	23.0	0	97	100	22.5	0	107	23.5	0	105	23.2	0
3200	Dow Seeds	DS05U06	29	C					103	22.9	6	99	111	22.0	17	100	22.9	0	99	23.7	0
3200	Dow Seeds	DS06R36	29	C	100	21.1	0	101	101	21.4	1	101	99	20.5	2	105	22.3	0	100	21.5	0
3200	Legend Seeds	LR 9608 GENSSRIB	8	C	96	21.8	6	101	88	21.9	12	102	73	21.1	33	94	22.8	0	95	21.9	2
3200	Maizex	MZ 4511DBR	6	F					101	23.7	2	97	93	22.1	7	103	25.1	0	105	24.0	0
3200	Maizex	MZ 4676DBR	6	F	103	22.3	4	98	101	22.9	6	98	99	21.5	17	103	24.3	0	100	23.0	0
3250	Pioneer	P0825AM	23	L	110	22.5	0	98	111	23.6	0	99	110	22.4	0	105	24.3	0	117	24.2	0
3250	PRIDE Seeds	A7790G8 RIB	8	A	97	22.6	0	102	97	23.3	0	102	102	23.3	0	98	23.5	0	91	23.2	0
3275	DEKALB	DKC58-06RIB	8	P5	100	23.0	0	100	98	23.3	1	101	105	22.6	1	96	24.3	0	93	22.9	2

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					average of 6 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 %
3300	Country Farm	CF747	8	A	<b>98</b>	<b>22.9</b>	<b>3</b>	<b>101</b>	<b>98</b>	<b>23.9</b>	<b>3</b>	<b>101</b>	97	22.6	10	94	25.0	0	103	24.2	0
3300	Country Farm	CF758	8	A					<b>103</b>	<b>21.7</b>	<b>1</b>	<b>102</b>	107	20.5	1	100	22.0	0	103	22.5	1
3300	DEKALB	DKC59-49RIB	8	A					<b>103</b>	<b>23.6</b>	<b>0</b>	<b>98</b>	105	22.2	0	101	24.2	0	104	24.3	0
3300	Dow Seeds	DS10Y47RA	8	C					<b>109</b>	<b>24.3</b>	<b>0</b>	<b>98</b>	106	23.2	0	115	24.1	0	105	25.7	0
3300	Maizex	MZ 5165DBR	6	F					<b>109</b>	<b>23.6</b>	<b>2</b>	<b>100</b>	117	22.8	5	115	23.5	0	95	24.4	0
3300	Pioneer	P0825AMXT	24	L	<b>104</b>	<b>22.9</b>	<b>0</b>	<b>98</b>	<b>104</b>	<b>23.1</b>	<b>0</b>	<b>99</b>	92	21.9	1	110	23.8	0	108	23.6	0
3350	Country Farm	CF762	4	A	<b>103</b>	<b>23.2</b>	<b>1</b>	<b>102</b>	<b>107</b>	<b>24.3</b>	<b>1</b>	<b>102</b>	112	22.9	2	100	25.1	0	108	24.7	0
3350	Dow Seeds	8695RA	8	C	<b>102</b>	<b>23.9</b>	<b>2</b>	<b>95</b>	<b>104</b>	<b>25.0</b>	<b>4</b>	<b>95</b>	107	23.8	12	101	26.7	0	106	24.5	0
3350	Maizex	MZ 5111DBR	6	F	<b>101</b>	<b>24.0</b>	<b>4</b>	<b>98</b>	<b>101</b>	<b>24.9</b>	<b>7</b>	<b>98</b>	98	23.5	21	95	26.1	0	110	25.2	0
3375	NK Brand	NK1066 3122	26	C	<b>100</b>	<b>23.9</b>	<b>3</b>	<b>100</b>	<b>99</b>	<b>24.5</b>	<b>6</b>	<b>100</b>	98	22.9	16	96	26.1	0	105	24.6	1
3375	PRIDE Seeds	A8177G2 RIB	6	A	<b>104</b>	<b>24.0</b>	<b>3</b>	<b>99</b>	<b>104</b>	<b>25.0</b>	<b>4</b>	<b>99</b>	97	24.2	13	106	25.2	0	108	25.6	0
3400	De Dell	DL 9812	0	-					<b>107</b>	<b>26.9</b>	<b>0</b>	<b>94</b>	117	25.3	1	103	27.1	0	103	28.4	0
3400	Pioneer	P1197AMXT	24	L	<b>106</b>	<b>23.7</b>	<b>0</b>	<b>98</b>	<b>106</b>	<b>24.4</b>	<b>0</b>	<b>99</b>	101	23.3	1	102	25.0	0	115	24.9	0
3400	PRIDE Seeds	A8303G8 RIB	8	A	<b>107</b>	<b>25.5</b>	<b>0</b>	<b>100</b>	<b>103</b>	<b>25.9</b>	<b>1</b>	<b>101</b>	99	23.4	2	102	27.9	0	108	26.6	0
LSD (0.10) for Yield Index Points*					<b>4</b>				<b>6</b>				12			10			11		
Average all hybrids **					<b>241</b>	<b>22.3</b>	<b>2</b>	<b>68</b>	<b>240</b>	<b>22.9</b>	<b>2</b>	<b>67</b>	225	21.8	7	259	23.5	0	237	23.3	0

<sup>1</sup> Ridgetown 2016-2017, Tilbury 2016-2017, Dresden 2016-2017

<sup>2</sup> 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. For example, when the LSD for yield is 10, two hybrids with indexes of 110 and 101 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. Results for hybrids with very high moisture contents should be interpreted with caution.