

**Table 2: Elora, Lindsay, Wingham**

**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				ELORA			LINDSAY			WINGHAM		
					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 %
2325	Legend Seeds	LR 9874 VT2PRIB	6	C					<b>78</b>	<b>23.0</b>	<b>3</b>	<b>109</b>	83	24.7	8	89	25.1	0	67	19.3	1
2500	Dow Seeds	DS83T15	29	C					<b>92</b>	<b>23.0</b>	<b>5</b>	<b>103</b>	87	24.2	12	105	25.1	2	87	19.6	0
2550	De Dell	DL 2016	0	-					<b>99</b>	<b>26.0</b>	<b>1</b>	<b>102</b>	107	26.1	1	98	29.7	1	92	22.1	0
2550	Pioneer	P8542AM	23	L	<b>100</b>	<b>21.8</b>	<b>0</b>	<b>104</b>	<b>106</b>	<b>23.0</b>	<b>0</b>	<b>106</b>	107	23.8	0	108	23.9	1	103	21.2	0
2575	Legend Seeds	LS 5082 Conv.	0	C	<b>92</b>	<b>23.0</b>	<b>1</b>	<b>102</b>	<b>89</b>	<b>25.2</b>	<b>0</b>	<b>106</b>	90	24.7	1	97	27.6	0	83	23.2	0
2600	Legend Seeds	LR 9583 VT2PRIB	6	C	<b>88</b>	<b>21.2</b>	<b>1</b>	<b>102</b>	<b>86</b>	<b>23.3</b>	<b>1</b>	<b>104</b>	87	23.9	2	90	26.5	1	81	19.4	0
2600	Maizex	MZ 2655DBR	6	F					<b>94</b>	<b>24.3</b>	<b>0</b>	<b>103</b>	92	25.7	0	96	25.6	0	96	21.7	0
2600	Pioneer	P8700AM	23	L					<b>97</b>	<b>26.2</b>	<b>3</b>	<b>101</b>	109	27.3	5	102	30.8	1	82	20.4	3
2625	Dow Seeds	DS84J77RA	8	C	<b>93</b>	<b>22.9</b>	<b>0</b>	<b>100</b>	<b>89</b>	<b>24.9</b>	<b>0</b>	<b>99</b>	91	24.6	0	93	28.8	1	85	21.3	0
2625	Legend Seeds	LR 98A84	21	C					<b>104</b>	<b>25.9</b>	<b>0</b>	<b>102</b>	107	26.7	0	97	29.4	0	107	21.5	1
2625	NK Brand	NK8618 3011A	21	C	<b>101</b>	<b>22.3</b>	<b>2</b>	<b>103</b>	<b>103</b>	<b>24.3</b>	<b>3</b>	<b>103</b>	100	24.3	7	105	26.4	1	105	22.3	0
2625	PICKSEED	PS 2777RR	4	A	<b>100</b>	<b>23.9</b>	<b>0</b>	<b>100</b>	<b>98</b>	<b>26.5</b>	<b>0</b>	<b>99</b>	97	26.7	1	99	29.1	1	99	23.6	0
2650	Dow Seeds	8211RA	8	C	<b>91</b>	<b>21.8</b>	<b>1</b>	<b>103</b>	<b>90</b>	<b>23.4</b>	<b>2</b>	<b>104</b>	91	24.1	2	101	25.9	3	81	20.3	0
2650	Legend Seeds	LR 9785 VT2PRIB	6	C					<b>86</b>	<b>25.2</b>	<b>1</b>	<b>102</b>	85	25.5	1	92	28.1	1	83	22.0	1
2650	Maizex	MZ 266X	0	F	<b>98</b>	<b>22.2</b>	<b>0</b>	<b>102</b>	<b>98</b>	<b>24.1</b>	<b>0</b>	<b>103</b>	95	24.0	1	109	25.9	0	93	22.5	0
2650	NK Brand	NK8519 3110	22	C	<b>99</b>	<b>22.7</b>	<b>1</b>	<b>102</b>	<b>98</b>	<b>24.9</b>	<b>1</b>	<b>102</b>	102	26.7	2	93	27.8	2	97	20.3	0
2650	Pioneer	P9188AM	23	L	<b>100</b>	<b>22.8</b>	<b>0</b>	<b>101</b>	<b>101</b>	<b>24.7</b>	<b>0</b>	<b>101</b>	94	25.1	0	116	27.5	0	98	21.6	0
2650	PRIDE Seeds	A5432G2 RIB	6	A					<b>95</b>	<b>25.1</b>	<b>0</b>	<b>101</b>	100	25.1	0	100	28.1	1	88	22.2	0
2675	Country Farm	CF279	27	A					<b>101</b>	<b>25.5</b>	<b>0</b>	<b>101</b>	97	25.3	1	99	29.2	1	108	22.0	0
2700	Horizon	HZ 794	0	F	<b>104</b>	<b>23.7</b>	<b>2</b>	<b>100</b>	<b>108</b>	<b>26.7</b>	<b>3</b>	<b>101</b>	104	27.3	6	108	31.6	0	111	21.2	4
2700	Horizon	HZ 797GT	14	F	<b>104</b>	<b>23.6</b>	<b>5</b>	<b>98</b>	<b>108</b>	<b>27.1</b>	<b>8</b>	<b>97</b>	104	26.2	21	113	32.8	0	108	22.3	4
2700	Maizex	MZ 2810DBR	6	F	<b>94</b>	<b>23.2</b>	<b>0</b>	<b>102</b>	<b>92</b>	<b>25.0</b>	<b>0</b>	<b>103</b>	91	27.2	0	96	26.6	1	89	21.1	0
2700	Maizex	MZ 2812SMX	8	F	<b>98</b>	<b>23.8</b>	<b>0</b>	<b>101</b>	<b>99</b>	<b>26.2</b>	<b>0</b>	<b>101</b>	91	27.6	0	109	29.2	1	100	21.9	0
2700	PICKSEED	PS 2792VT2P RIB	6	A	<b>96</b>	<b>24.0</b>	<b>0</b>	<b>100</b>	<b>90</b>	<b>26.1</b>	<b>1</b>	<b>100</b>	83	26.3	0	95	29.3	2	92	22.8	0
2700	PICKSEED	PS 2793GSX RIB	8	A	<b>103</b>	<b>23.7</b>	<b>0</b>	<b>99</b>	<b>101</b>	<b>26.0</b>	<b>0</b>	<b>100</b>	96	25.7	0	101	28.9	1	106	23.5	0
2700	Pioneer	P9188AMX	25	L	<b>93</b>	<b>23.6</b>	<b>0</b>	<b>101</b>	<b>94</b>	<b>26.3</b>	<b>1</b>	<b>100</b>	93	26.3	1	98	30.0	1	94	22.7	0
2700	PRIDE Seeds	A5914G2 RIB	6	A	<b>97</b>	<b>23.3</b>	<b>0</b>	<b>99</b>	<b>93</b>	<b>25.3</b>	<b>0</b>	<b>101</b>	89	25.8	1	99	28.2	0	92	21.9	0
2725	Country Farm	CF320	0	A					<b>96</b>	<b>24.7</b>	<b>1</b>	<b>102</b>	96	24.8	1	100	26.5	2	93	22.7	0
2750	De Dell	DL 3146	0	-					<b>105</b>	<b>27.6</b>	<b>2</b>	<b>100</b>	100	25.9	1	100	32.9	5	113	23.9	0
2750	Dow Seeds	DS90K07RA	8	C					<b>96</b>	<b>26.9</b>	<b>0</b>	<b>98</b>	99	26.0	0	93	32.4	1	95	22.4	0
2750	Horizon	HZ 3295	28	F					<b>100</b>	<b>27.3</b>	<b>1</b>	<b>100</b>	102	26.0	1	92	32.3	1	104	23.5	1
2750	Horizon	HZ 878	27	F					<b>107</b>	<b>26.2</b>	<b>8</b>	<b>98</b>	106	25.6	19	105	31.5	2	108	21.5	2
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	<b>99</b>	<b>24.3</b>	<b>1</b>	<b>100</b>	<b>94</b>	<b>26.6</b>	<b>1</b>	<b>101</b>	87	27.1	1	101	29.9	1	96	22.7	0
2750	Legend Seeds	LR 9688 VT2PRIB	6	C	<b>97</b>	<b>22.5</b>	<b>1</b>	<b>101</b>	<b>96</b>	<b>24.8</b>	<b>1</b>	<b>102</b>	98	24.3	2	101	28.6	1	89	21.6	0

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					average of 6 trials				average of 3 trials				ELORA			LINDSAY			WINGHAM		
					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 %
2750	Legend Seeds	LS 5391 Conv.	0	C	104	24.4	0	99	102	27.4	0	100	106	27.1	1	100	32.1	0	101	23.0	0
2750	Maizex	MZ 3033DBR	6	F	103	22.6	0	101	104	25.2	0	101	103	25.4	1	106	28.0	0	102	22.2	0
2750	PICKSEED	PS 2745VT2P RIB	6	A					97	25.6	0	99	94	26.1	1	99	28.6	0	99	22.0	0
2750	PICKSEED	PS 27679GSX	8	A					102	27.5	0	99	105	25.7	1	102	32.7	0	100	24.0	0
2750	Pioneer	P9330AM	23	L					105	27.7	1	101	107	26.9	1	93	33.2	1	112	23.1	0
2775	Country Farm	CF377	6	A	96	23.4	0	102	97	25.3	1	103	83	25.6	1	108	26.9	1	102	23.3	0
2775	DEKALB	DKC42-60RIB	8	P5	99	24.8	0	100	99	27.6	0	99	97	28.0	0	105	30.5	1	95	24.2	0
2775	Dow Seeds	8202RA	8	C	98	24.0	1	99	97	26.6	3	99	96	25.1	7	103	31.9	1	94	22.7	0
2775	Legend Seeds	LR 9492 RR	4	C					102	29.2	1	99	107	28.3	0	95	34.6	2	103	24.7	0
2775	NK Brand	NK8920 3010	19	C					108	25.7	2	100	109	24.1	3	92	32.4	0	117	20.7	3
2775	PRIDE Seeds	A6028G2 RIB	6	A	100	23.8	0	101	101	25.4	0	103	105	26.4	1	101	27.5	0	96	22.4	0
2800	DEKALB	DKC43-10RIB	6	A	104	24.1	1	99	103	27.5	0	99	101	27.8	1	104	31.2	1	104	23.6	0
2800	Legend Seeds	LS 5690 Conv.	0	C	105	24.2	3	97	107	26.6	7	96	101	26.3	15	105	30.8	0	115	22.6	5
2800	Maizex	MZ 3216DBR	6	F	101	24.7	0	98	102	27.3	0	97	99	28.1	1	96	30.8	1	109	23.1	0
2800	Maizex	MZ 3397SMX	8	F					109	27.7	0	98	111	27.8	1	107	30.9	0	108	24.4	0
2800	NK Brand	NK9227 3110A	22	C	98	24.8	0	100	96	28.9	1	101	96	26.9	3	87	36.6	0	102	23.2	0
2800	Pioneer	P9404AM	23	L					98	27.1	0	99	103	24.6	0	100	32.8	1	91	23.8	0
2800	PRIDE Seeds	A6018G2 RIB	6	A					104	27.3	0	98	113	26.7	1	101	31.2	0	97	24.0	0
2825	Country Farm	CF416	8	A	93	24.5	0	98	92	26.0	0	99	101	25.3	1	89	30.1	1	84	22.5	0
2825	Dow Seeds	8315RA	8	C	100	24.8	0	99	98	27.6	0	97	106	26.5	1	90	32.5	0	94	23.8	0
2825	Dow Seeds	CNX162047S2	8	C					103	27.8	0	100	108	26.9	0	113	31.5	1	92	25.0	0
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	101	25.1	1	99	100	28.2	0	98	100	27.0	0	104	31.8	1	99	25.8	0
2825	PRIDE Seeds	A6455G8 RIB	8	A	103	24.6	0	98	100	26.8	0	98	102	27.8	0	100	30.1	0	99	22.5	0
2850	Country Farm	CF430	0	A	105	24.3	1	101	111	27.2	3	101	107	27.5	4	104	31.3	1	120	22.9	2
2850	Legend Seeds	LS 9495 VT2PRIB	4	C					96	30.9	0	98	96	28.6	1	79	37.9	0	107	26.1	0
2850	Maizex	MZ 3410DBR	6	F					106	27.2	0	99	108	27.3	0	109	29.1	0	103	25.3	0
2850	NK Brand	NK9535 3110	22	C	108	25.9	0	100	113	28.1	1	100	122	28.4	1	107	31.2	0	109	24.6	1
2850	PICKSEED	PS 2815	0	A					105	29.3	0	98	104	28.0	0	101	34.5	1	109	25.3	0
2850	Pioneer	P9608AM	23	L					98	28.3	0	100	97	26.8	0	96	34.3	1	101	23.8	0
2850	Pioneer	P9608AMXT	24	L					95	27.9	0	102	96	27.0	1	92	32.9	1	95	23.9	0
2850	Pioneer	P9621AMXT	24	L					106	27.3	2	95	96	27.1	4	114	31.7	1	111	23.0	0
2875	CROPLAN	3705SS/RIB	8	A					105	28.2	0	98	103	27.9	0	105	32.0	0	108	24.6	1
2875	CROPLAN	3899VT2P/RIB	6	A					110	30.6	0	97	114	29.9	0	101	34.8	1	112	27.1	0
2875	DEKALB	DKC45-65RIB	8	P5	110	26.0	0	97	107	28.6	0	98	108	26.8	0	96	34.2	1	113	24.9	0

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					average of 6 trials				average of 3 trials				ELORA			LINDSAY			WINGHAM		
					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 %
2875	Legend Seeds	LS 5695 Conv.	0	C	105	25.7	3	97	103	27.5	4	97	111	26.8	4	95	33.1	0	102	22.7	10
2875	NK Brand	NK9659 3120	28	C	111	25.1	1	99	110	26.2	2	100	112	27.3	3	112	29.6	1	106	21.6	1
2900	DEKALB	DKC46-17RIB	6	A	98	26.3	0	101	100	29.5	1	100	102	28.7	0	105	33.7	2	96	26.1	0
2900	Maizex	MZ 3656DBR	6	F					107	28.5	0	99	101	26.9	0	104	33.1	1	115	25.6	0
2900	Pioneer	P9840AMXT	24	L					100	29.3	0	99	103	28.7	1	96	34.2	0	99	25.0	0
2925	Pioneer	P9840AM	23	L	105	26.8	1	96	97	29.3	1	97	88	28.1	3	99	35.1	0	104	24.7	1
2950	CROPLAN	3909SS/RIB	8	A					110	29.7	0	96	109	28.2	1	104	34.2	0	114	26.8	0
2950	DEKALB	DKC48-28RIB	6	A					104	28.4	1	98	98	26.7	0	102	32.9	2	110	25.7	0
2950	DEKALB	DKC48-56RIB	8	P5	106	26.5	0	98	105	29.1	0	98	102	28.8	0	92	33.8	0	117	24.7	0
2950	Maizex	MZ 3818DBR	6	F					102	30.7	3	97	105	28.3	9	97	35.1	1	102	28.6	0
2950	Maizex	MZ 3964DBR	6	F					101	27.4	0	99	101	28.1	0	94	27.1	0	107	26.9	0
2975	DEKALB	DKC50-78RIB	6	A	101	26.7	0	98	103	28.9	0	97	110	28.5	1	95	32.6	0	103	25.6	0
LSD (0.10) for Yield Index Points*					5				7				12			14			10		
Average all hybrids **					189 24.0 1 65				191 26.8 1 61				213 26.5 2			149 30.6 1			212 23.2 1		

<sup>1</sup> Elora 2016-2017, Lindsay 2016-2017, Wingham 2016-2017

<sup>2</sup> Elora, Lindsay, Wingham

\* 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.