

Table 3 East: Lancaster, Ottawa, Winchester

CHU	Brand and/or Hybrid	Trait	Plant Height (cm)	2009-2010 averages <sup>1</sup>				2010 averages <sup>2</sup>				Results of 2010 Performance Trials								
				average of 6 trials				average of 3 trials				LANCASTER			OTTAWA			WINCHESTER		
				Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	Mycogen 2P176	B D R	236					93	19.9	0	104	92	19.4	0	94	20.9	0	93	19.3	0
2650	Maizex MZ 2722BR	B R	258	105	22.4	1	104	99	19.0	1	104	96	19.2	0	104	18.4	0	98	19.5	2
2650	Mycogen 2T220	B D R	232					96	20.0	1	100	94	20.2	0	100	20.6	0	95	19.4	2
2650	Pioneer P8906HR	W B R L	248	104	23.7	1	101	101	20.4	0	100	101	19.6	1	101	21.6	0	100	19.9	0
2675	DEKALB DKC38-26	B D R	244	98	22.7	3	104	96	20.2	5	103	102	19.3	0	97	21.8	1	91	19.5	13
2675	NK Brand N21J-GT/CB/LL	B R L	241					97	19.9	1	103	100	19.2	1	90	21.3	0	100	19.3	3
2675	Pioneer 38B13	W B R L	251	100	23.1	1	99	94	20.0	0	99	92	19.8	0	100	19.8	0	92	20.5	1
2700	Elite 19A30 RR	W B D R L	246					96	21.3	0	99	97	20.1	0	91	23.2	0	101	20.7	0
2700	Horizon HZ 830GT	R	240	89	21.7	6	102	84	18.5	5	103	83	18.5	7	90	18.3	2	78	18.8	7
2700	Maizex MZ 3020CBR	B D R	249	100	23.3	2	103	101	20.2	0	104	99	18.8	0	100	22.8	0	105	19.1	0
2700	Mycogen 2C302	W B R L	243	91	25.4	1	100	94	21.1	1	99	90	20.4	1	94	21.8	0	96	21.1	2
2700	NK Brand N23F-3000GT	B D R L	231	95	23.3	0	103	91	20.4	0	102	93	19.5	0	87	21.8	0	94	19.7	0
2700	NK Brand N23F-GT	R	244					87	20.5	4	102	85	19.7	6	91	21.7	0	87	20.2	7
2700	Pickseed 2751GSX	W B D R L	256					97	19.6	5	101	98	18.9	6	97	20.8	0	97	19.0	10
2700	Pioneer 38B14	W B D R L	244	96	23.6	1	98	90	20.4	0	98	90	20.1	0	91	21.0	0	90	20.1	0
2700	Pioneer 38B15	W B L	254					96	20.7	1	99	97	19.5	1	97	22.3	0	94	20.4	1
2700	Pioneer 38N85	R	243					91	20.8	2	100	91	19.8	1	92	22.3	0	91	20.3	4
2700	Pioneer P9176XR	W B D R L	253	97	23.0	1	100	95	19.7	0	101	96	19.3	0	97	20.4	0	93	19.5	0
2725	DEKALB DKC40-22	W B D R L	245					100	20.9	0	100	101	19.5	0	99	23.1	0	99	20.1	0
2725	Horizon HZ 850	R	235					93	22.1	4	101	87	21.2	4	100	23.5	1	92	21.6	8
2750	Pioneer 38N88	W B R L	245	100	24.5	1	100	97	21.2	0	101	96	20.0	0	97	23.0	0	96	20.5	0
2775	DEKALB DKC42-72	B D R	232	101	24.5	4	98	101	20.6	1	100	98	19.5	0	101	22.5	0	103	19.7	2
2775	Elite X2869	B D R	247					100	21.0	0	100	101	19.4	0	99	23.9	0	101	19.7	0
2775	Maizex MZ 3061CBR	B D R	228	88	23.1	1	101	88	20.0	2	101	88	19.4	2	88	20.8	1	87	19.8	3
2775	Maizex MZ 3860CBR	B D R	239	92	25.8	1	100	94	21.8	2	100	92	20.0	3	96	25.1	0	93	20.3	4
2800	DEKALB DKC43-27	B D R	228	93	23.9	2	100	96	20.1	0	100	98	19.3	0	96	21.2	0	95	19.8	1
2800	Horizon HZ 942BtGT	B R L	245					107	22.5	1	96	107	20.9	0	107	25.0	0	107	21.5	1
2800	Maizex EX0129	B R L	249					108	20.5	3	97	112	19.6	3	103	22.0	0	110	20.0	5
2800	Mycogen 2J337	B D R	247	102	24.4	2	100	101	20.4	0	101	103	19.4	0	101	22.1	0	100	19.6	1
2800	Pickseed 2825GSX	W B D R L	246	101	24.9	1	99	98	19.9	1	100	98	19.2	0	101	21.1	1	95	19.5	2
2800	Pioneer 38M58	W B R L	242	103	23.9	1	100	99	21.5	0	100	100	20.4	0	96	23.9	0	100	20.3	0
2800	Pioneer 38M59	B	248	102	24.0	1	101	99	21.5	0	103	99	19.9	0	96	24.4	0	100	20.3	1
2800	PRIDE Seeds A6012G3	B D R	246	101	24.4	2	101	101	20.3	0	102	98	19.5	0	103	21.9	0	102	19.5	1
2825	Hyland HL B38R	B R	253	105	24.6	0	100	106	21.1	1	99	106	19.8	0	107	23.3	1	106	20.1	1
2825	Hyland HL CVR54	B D R	242	105	24.8	3	99	106	21.3	0	98	105	19.9	0	106	23.9	0	107	20.2	0
2825	Hyland HL R238	R	243	107	24.2	3	98	106	21.1	3	98	109	19.8	2	108	23.1	0	101	20.4	8
2825	Maizex MZ 3490SMX	W B D R L	232					96	20.6	0	102	96	19.6	0	93	22.4	0	98	19.8	1
2825	NK Brand N27B-3000GT	B D R L	230					95	19.5	2	102	93	19.5	0	97	19.5	0	94	19.5	7
2825	PRIDE Seeds A6272RR	R	247					100	21.2	4	100	99	19.6	7	103	23.5	0	97	20.5	6
2850	Elite 15W19 RR	B D R	241					99	23.1	0	98	99	20.9	0	101	26.7	0	96	21.6	0
2850	Hyland, Mycogen 8395	W B D R L	267					108	21.6	0	98	109	20.1	0	105	24.3	0	110	20.5	0

Table 3 East continued: Lancaster, Ottawa, Winchester

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				average of 6 trials				average of 3 trials				LANCASTER			OTTAWA			WINCHESTER		
				Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Tst Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2850	Mycogen 2A397	R	262					<b>102</b>	<b>20.9</b>	<b>2</b>	<b>99</b>	104	19.5	2	103	23.4	2	101	19.9	1
2850	Pioneer 38A55	R	246					<b>97</b>	<b>21.8</b>	<b>1</b>	<b>103</b>	93	20.5	2	100	24.0	0	98	20.9	1
2850	Pioneer 38A57	W B R L	255	<b>102</b>	<b>24.9</b>	<b>1</b>	<b>103</b>	<b>101</b>	<b>22.2</b>	<b>0</b>	<b>103</b>	101	20.7	0	99	24.6	0	104	21.3	0
2850	Pioneer P9512XR	W B D R L	249	<b>101</b>	<b>26.0</b>	<b>0</b>	<b>97</b>	<b>100</b>	<b>21.8</b>	<b>0</b>	<b>97</b>	101	21.3	0	101	23.0	0	98	21.2	1
2850	Pioneer P9623HR	W B R L	234					<b>102</b>	<b>21.9</b>	<b>1</b>	<b>103</b>	102	20.9	0	104	23.4	0	99	21.4	3
2875	Country Farm CF440		251	<b>101</b>	<b>28.2</b>	<b>3</b>	<b>97</b>	<b>102</b>	<b>22.3</b>	<b>1</b>	<b>96</b>	101	20.5	0	101	25.0	0	105	21.5	4
2875	Country Farm CF447VT3	B D R	247	<b>101</b>	<b>25.8</b>	<b>1</b>	<b>102</b>	<b>102</b>	<b>22.5</b>	<b>1</b>	<b>101</b>	102	21.0	0	100	25.1	0	102	21.4	2
2875	Country Farm CF455GSX	W B D R L	246					<b>99</b>	<b>22.5</b>	<b>1</b>	<b>101</b>	99	21.3	0	101	24.4	0	97	22.0	1
2875	DEKALB DKC45-52	B D R	263					<b>108</b>	<b>21.7</b>	<b>0</b>	<b>100</b>	108	19.9	0	105	24.5	0	111	20.6	1
2875	DEKALB DKC46-07	W B D R L	249					<b>102</b>	<b>22.6</b>	<b>0</b>	<b>102</b>	102	21.2	0	102	24.9	0	103	21.7	0
2875	Hyland HL B42R	B R	267	<b>107</b>	<b>26.0</b>	<b>2</b>	<b>99</b>	<b>109</b>	<b>22.2</b>	<b>0</b>	<b>100</b>	112	20.1	0	105	25.5	1	110	20.9	1
2875	Hyland, Mycogen 8466	W B D R L	262					<b>105</b>	<b>22.9</b>	<b>0</b>	<b>98</b>	106	20.9	0	106	27.0	0	102	20.9	1
2900	DEKALB DKC44-92	R	247	<b>97</b>	<b>26.3</b>	<b>3</b>	<b>98</b>	<b>99</b>	<b>22.8</b>	<b>2</b>	<b>97</b>	99	21.0	2	100	25.7	0	100	21.9	4
2900	DEKALB DKC46-60	B D R	226	<b>96</b>	<b>25.1</b>	<b>1</b>	<b>100</b>	<b>99</b>	<b>21.3</b>	<b>0</b>	<b>100</b>	98	19.9	0	99	23.3	0	99	20.6	0
2900	Elite 44S29 RR	B D R	248					<b>102</b>	<b>21.5</b>	<b>0</b>	<b>104</b>	101	20.0	0	100	23.6	0	105	21.0	1
2900	Hyland HL CVR64	B D R	259	<b>104</b>	<b>26.1</b>	<b>0</b>	<b>98</b>	<b>106</b>	<b>22.9</b>	<b>0</b>	<b>97</b>	109	21.5	0	108	25.7	0	102	21.4	0
2900	Maizex MZ 3872B	B R L	258	<b>101</b>	<b>25.7</b>	<b>0</b>	<b>101</b>	<b>100</b>	<b>21.0</b>	<b>0</b>	<b>100</b>	100	19.3	0	99	24.0	0	100	19.8	0
2900	Maizex MZ 3977CBR	B D R	253	<b>100</b>	<b>25.4</b>	<b>2</b>	<b>101</b>	<b>102</b>	<b>22.1</b>	<b>1</b>	<b>100</b>	104	21.1	0	98	24.0	0	104	21.1	2
2900	Mycogen 2P484	B D R	245	<b>104</b>	<b>24.7</b>	<b>1</b>	<b>98</b>	<b>105</b>	<b>21.3</b>	<b>0</b>	<b>99</b>	106	20.4	0	106	22.9	0	103	20.7	1
2900	NK Brand N29T-GT/CB/LL	B R L	256					<b>110</b>	<b>19.8</b>	<b>2</b>	<b>99</b>	107	19.7	1	108	19.9	0	114	19.7	6
2900	NK Brand N34N-3000GT	B D R L	242					<b>102</b>	<b>21.8</b>	<b>0</b>	<b>99</b>	101	20.7	0	100	23.4	0	106	21.3	0
2900	Pickseed 2934 3000GT	B D R L	259					<b>103</b>	<b>22.1</b>	<b>0</b>	<b>97</b>	102	20.3	0	101	25.2	0	106	20.9	1
2900	Pickseed 2968GSX	W B D R L	250	<b>102</b>	<b>24.4</b>	<b>1</b>	<b>101</b>	<b>100</b>	<b>20.8</b>	<b>0</b>	<b>102</b>	100	19.3	1	100	23.7	0	100	19.5	0
2900	Pickseed 4956Bt	B	244	<b>97</b>	<b>25.6</b>	<b>4</b>	<b>99</b>	<b>99</b>	<b>21.3</b>	<b>2</b>	<b>100</b>	98	20.3	1	101	22.9	0	99	20.8	5
2900	Pioneer P9855HR	W B R L	247					<b>109</b>	<b>23.1</b>	<b>0</b>	<b>95</b>	109	21.8	0	107	25.3	0	111	22.3	0
2900	PRIDE Seeds A6535G8	W B D R L	253					<b>104</b>	<b>24.3</b>	<b>0</b>	<b>101</b>	104	22.2	1	102	28.3	0	104	22.5	0
2925	DEKALB DKC48-37	B D R	249					<b>101</b>	<b>21.7</b>	<b>0</b>	<b>102</b>	102	20.1	0	101	24.5	0	100	20.6	0
2950	Hyland HL B40R	B R	259					<b>112</b>	<b>23.9</b>	<b>2</b>	<b>100</b>	114	22.1	3	112	27.0	0	111	22.5	2
2950	Hyland HL CVR68	B D R	246					<b>106</b>	<b>23.9</b>	<b>2</b>	<b>102</b>	105	21.6	1	107	27.6	1	107	22.5	3
2950	Maizex MZ 357		261	<b>103</b>	<b>26.6</b>	<b>1</b>	<b>98</b>	<b>107</b>	<b>22.5</b>	<b>0</b>	<b>98</b>	109	20.8	0	106	25.4	0	107	21.3	0
2950	PRIDE Seeds A6619RR	R	242	<b>101</b>	<b>26.7</b>	<b>2</b>	<b>99</b>	<b>102</b>	<b>22.4</b>	<b>3</b>	<b>99</b>	100	20.9	4	103	24.6	0	104	21.8	5
2975	Hyland, Mycogen 8491	W B D R L	260					<b>101</b>	<b>25.0</b>	<b>0</b>	<b>98</b>	100	23.5	0	97	28.1	0	106	23.4	0
2975	Maizex MZ 3969CBR	B D R	246	<b>105</b>	<b>27.4</b>	<b>2</b>	<b>98</b>	<b>107</b>	<b>23.4</b>	<b>2</b>	<b>98</b>	105	21.1	2	109	26.6	0	106	22.5	5
2975	NK Brand N33R-GT/CB/LL	B R L	250					<b>105</b>	<b>20.2</b>	<b>1</b>	<b>99</b>	108	19.2	0	102	22.0	0	106	19.5	3
2975	NK Brand N39M-3000GT	B D R L	233					<b>99</b>	<b>23.4</b>	<b>0</b>	<b>97</b>	100	21.6	0	98	26.2	0	98	22.3	0
3000	DEKALB DKC49-94	W B D R L	235					<b>100</b>	<b>24.5</b>	<b>0</b>	<b>97</b>	102	22.5	0	97	28.9	0	101	22.2	0
LSD (0.10) for Yield Index Points*				<b>2</b>				<b>3</b>				<b>4</b>			<b>5</b>			<b>5</b>		
Average all hybrids **			247	<b>220</b>	<b>24.7</b>	<b>2</b>	<b>65</b>	<b>242</b>	<b>21.4</b>	<b>1</b>	<b>70</b>	244	20.2	1	244	23.4	0	239	20.6	2
European Corn Borer Pressure												None		Low				None		

<sup>1</sup> Lancaster 2009-2010, Ottawa 2009-2010, Winchester 2009-2010

<sup>2</sup> Lancaster, Ottawa, Winchester

\* The LSD is a measure of the variability of the trial. Yield indices that differ by less than the LSD should be considered to be equal.

\*\* Average Yields are reported 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.

Notes: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.