

Table 5: Belmont, Kerwood, West Lorne

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				BELMONT			KERWOOD			WEST LORNE			
				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	Horizon	HZ 975Hx	W B L	251					<b>98</b>	<b>20.0</b>	<b>16</b>	<b>103</b>	93	22.1	1	104	15.9	47	99	21.8	0
2850	Pioneer	38A55	R	224					<b>82</b>	<b>18.6</b>	<b>4</b>	<b>108</b>	77	20.8	1	84	14.6	7	85	20.3	5
2850	Pioneer	38A57	W B R L	245					<b>87</b>	<b>18.8</b>	<b>4</b>	<b>106</b>	78	21.0	1	103	15.1	9	86	20.3	1
2850	Pioneer	P9512XR	W B D R L	237					<b>92</b>	<b>19.5</b>	<b>3</b>	<b>100</b>	84	21.9	0	106	14.6	8	90	22.0	0
2850	Pioneer	P9623HR	W B R L	213					<b>86</b>	<b>19.1</b>	<b>4</b>	<b>103</b>	81	21.2	1	90	14.9	11	89	21.1	2
2900	Pioneer	P9855HR	W B R L	223					<b>92</b>	<b>19.5</b>	<b>1</b>	<b>103</b>	87	21.6	1	107	15.0	3	86	22.0	0
2950	Horizon	HZ 995Bt	B L	240	<b>99</b>	<b>23.8</b>	<b>7</b>	<b>101</b>	<b>95</b>	<b>21.5</b>	<b>13</b>	<b>101</b>	100	23.6	1	88	16.6	38	96	24.3	0
2950	Pioneer	37V63	W B D R L	244	<b>97</b>	<b>21.2</b>	<b>6</b>	<b>102</b>	<b>93</b>	<b>19.5</b>	<b>11</b>	<b>101</b>	93	22.5	1	97	15.3	31	91	20.7	0
2950	Pioneer	37Y14	W B D R L	234	<b>95</b>	<b>21.2</b>	<b>3</b>	<b>102</b>	<b>89</b>	<b>19.9</b>	<b>5</b>	<b>102</b>	83	22.3	0	97	15.4	13	88	22.1	2
2950	Pioneer	P9807HR	W B R L	238					<b>99</b>	<b>20.7</b>	<b>4</b>	<b>102</b>	98	24.0	0	103	15.8	10	97	22.2	1
2950	Pioneer	P9990XR	W B D R L	236	<b>93</b>	<b>22.4</b>	<b>7</b>	<b>100</b>	<b>88</b>	<b>20.8</b>	<b>13</b>	<b>100</b>	89	24.0	1	88	16.1	37	86	22.2	1
2975	Maizex	MZ 3969CBR	B D R	234	<b>97</b>	<b>20.8</b>	<b>5</b>	<b>102</b>	<b>91</b>	<b>19.0</b>	<b>10</b>	<b>102</b>	99	20.6	1	81	14.8	28	90	21.7	1
3000	DEKALB	DKC49-94	W B D R L	236					<b>90</b>	<b>20.2</b>	<b>5</b>	<b>100</b>	89	23.2	0	96	14.5	13	87	22.9	0
3000	Elite	72Y67 RR	R	224					<b>96</b>	<b>20.5</b>	<b>19</b>	<b>103</b>	98	23.1	3	86	16.6	51	102	21.8	2
3000	Hyland	HL B45R	B R	221	<b>101</b>	<b>23.4</b>	<b>1</b>	<b>99</b>	<b>100</b>	<b>20.9</b>	<b>1</b>	<b>98</b>	99	23.4	0	100	15.4	3	101	23.9	0
3000	Maizex	MZ 409X		244					<b>95</b>	<b>21.4</b>	<b>15</b>	<b>102</b>	96	24.2	0	98	16.9	43	92	23.2	2
3000	NK Brand	N44Q-GT/CB/LL	B R L	246					<b>98</b>	<b>20.0</b>	<b>5</b>	<b>101</b>	100	23.7	0	101	14.8	14	94	21.6	0
3000	Pioneer	P0125R	R	233					<b>94</b>	<b>19.9</b>	<b>20</b>	<b>101</b>	97	22.0	0	88	16.5	57	94	21.1	3
3050	Horizon	HZ 1025Hx	W B L	255	<b>98</b>	<b>23.5</b>	<b>5</b>	<b>101</b>	<b>96</b>	<b>22.1</b>	<b>8</b>	<b>100</b>	95	23.8	0	90	17.6	23	103	24.8	0
3050	Horizon	HZ 1030Hx	W B L	252	<b>97</b>	<b>26.0</b>	<b>8</b>	<b>99</b>	<b>97</b>	<b>24.1</b>	<b>14</b>	<b>100</b>	95	27.2	1	100	17.6	40	98	27.5	1
3050	Hyland, Mycogen	8524	W B D R L	243					<b>99</b>	<b>23.6</b>	<b>13</b>	<b>99</b>	100	25.8	0	96	18.5	38	101	26.4	2
3050	Pioneer	P0118HR	W B R L	244					<b>107</b>	<b>20.5</b>	<b>1</b>	<b>99</b>	109	23.9	0	108	15.5	1	105	22.2	1
3050	Pioneer	P0125HR	W B R L	238	<b>107</b>	<b>22.7</b>	<b>5</b>	<b>100</b>	<b>101</b>	<b>20.3</b>	<b>9</b>	<b>101</b>	103	22.6	0	96	16.4	25	102	22.0	1
3075	DEKALB	DKC50-45	W B D R L	235					<b>102</b>	<b>22.8</b>	<b>6</b>	<b>99</b>	106	25.2	0	96	17.1	19	102	26.1	0
3075	PRIDE Seeds	A7143RR	R	244					<b>88</b>	<b>21.1</b>	<b>13</b>	<b>100</b>	92	24.1	0	90	15.4	36	83	23.9	3
3100	DEKALB	DKC52-59	B D R	225	<b>99</b>	<b>22.3</b>	<b>4</b>	<b>101</b>	<b>98</b>	<b>21.1</b>	<b>7</b>	<b>100</b>	99	23.7	0	93	15.8	22	100	23.8	0
3100	Horizon	HZ 1055BtGt	B R L	229	<b>98</b>	<b>25.4</b>	<b>2</b>	<b>99</b>	<b>97</b>	<b>21.7</b>	<b>4</b>	<b>98</b>	95	23.8	0	93	16.5	12	103	24.8	0
3100	Maizex	MZ 4266CBR	B D R	245	<b>96</b>	<b>24.1</b>	<b>8</b>	<b>102</b>	<b>95</b>	<b>22.0</b>	<b>15</b>	<b>102</b>	94	23.6	2	88	18.6	43	102	23.8	0
3100	Mycogen	2A551	W B D R L	240	<b>100</b>	<b>24.6</b>	<b>2</b>	<b>100</b>	<b>96</b>	<b>22.7</b>	<b>2</b>	<b>100</b>	102	25.7	0	90	16.2	7	95	26.1	0
3100	NK Brand	N45A-3000GT	B D R L	240	<b>99</b>	<b>22.7</b>	<b>6</b>	<b>100</b>	<b>97</b>	<b>21.3</b>	<b>11</b>	<b>99</b>	100	23.4	0	105	15.5	34	89	24.9	0
3100	Pickseed	5685HxRR	W B R L	234	<b>98</b>	<b>23.8</b>	<b>6</b>	<b>101</b>	<b>97</b>	<b>22.0</b>	<b>11</b>	<b>101</b>	97	25.1	0	97	17.0	33	98	24.0	0
3100	Pioneer	36V53	W B R L	226	<b>101</b>	<b>22.6</b>	<b>2</b>	<b>99</b>	<b>101</b>	<b>20.8</b>	<b>2</b>	<b>99</b>	99	23.7	0	111	15.9	7	96	22.7	0
3100	PRIDE Seeds	A7245G3	B D R	241	<b>100</b>	<b>22.7</b>	<b>5</b>	<b>102</b>	<b>101</b>	<b>21.4</b>	<b>7</b>	<b>102</b>	99	23.5	0	107	15.6	21	98	25.0	1
3125	NK Brand	N49J-3000GT	B D R L	257					<b>110</b>	<b>22.6</b>	<b>16</b>	<b>98</b>	110	24.9	0	108	18.0	49	112	25.1	0
3150	DEKALB	DKC53-41	B D R	242	<b>107</b>	<b>22.8</b>	<b>7</b>	<b>99</b>	<b>102</b>	<b>20.8</b>	<b>13</b>	<b>99</b>	102	23.6	0	102	15.9	38	103	23.0	0
3150	Hyland	HL B49R	W B R L	219	<b>97</b>	<b>23.3</b>	<b>2</b>	<b>101</b>	<b>96</b>	<b>20.9</b>	<b>3</b>	<b>101</b>	95	23.3	0	97	16.0	8	97	23.4	0
3150	Hyland, Mycogen	8595	W B D R L	249					<b>103</b>	<b>24.3</b>	<b>3</b>	<b>98</b>	104	27.5	0	95	18.6	9	108	26.9	0
3150	Maizex	MZ 4586CBR	W B D R L	238	<b>98</b>	<b>25.2</b>	<b>2</b>	<b>98</b>	<b>103</b>	<b>23.6</b>	<b>4</b>	<b>98</b>	102	26.4	0	102	18.7	12	106	25.7	0

Table 5 continued: Belmont, Kerwood, West Lorne

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				BELMONT			KERWOOD			WEST LORNE			
				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 %	
3150	Pickseed	3188VT3	B D R	235	99	23.6	5	101	95	21.4	9	101	91	24.1	0	95	15.8	27	100	24.3	0
3150	Pioneer	35F37	R	242					101	22.5	5	101	102	25.0	2	105	17.5	13	98	25.0	1
3150	Pioneer	35F40	W B R L	232	106	24.6	3	102	108	23.3	4	102	108	24.7	0	105	17.9	13	110	27.2	1
3150	Pioneer	35F43	W B L	234					103	23.3	7	102	108	25.9	0	97	18.4	20	102	25.7	1
3150	Pioneer	P0448XR	W B D R L	239					103	22.6	3	103	115	26.1	0	96	17.4	9	97	24.3	0
3150	Pioneer	P0453HR	W B R L	228					102	22.5	1	99	103	26.5	0	101	16.5	4	103	24.6	0
3150	PRIDE Seeds	A7341RR	R	242	98	25.7	4	100	99	23.8	6	101	101	26.2	0	95	17.5	16	100	27.7	2
3175	NK Brand	N53W-3000GT	B D R L	265					110	23.2	5	99	105	26.1	0	126	18.5	16	103	24.8	0
3175	Pickseed	3115VT3	B D R	245					104	23.7	24	100	99	27.0	0	101	16.2	72	112	27.8	0
3175	PRIDE Seeds	A7331G3	B D R	238	97	24.9	5	100	91	22.5	9	99	94	23.6	0	80	16.7	27	96	27.2	0
3200	Country Farm	CF650		252	103	25.8	8	94	103	23.8	13	93	101	26.3	1	111	18.0	37	100	27.1	1
3200	Country Farm	CF658VT3	B D R	249	100	23.4	12	102	98	22.2	23	101	101	24.8	0	95	18.5	68	97	23.4	1
3200	Maizex	MZ 5288CBR	B D R	248	103	24.4	8	101	103	22.8	15	101	108	26.2	0	95	15.1	43	103	27.0	1
3225	DEKALB	DKC56-33	W B D R L	241					109	23.8	4	102	111	26.9	0	110	18.0	12	106	26.5	0
3250	Country Farm	CF682HX	W B L	255	103	25.0	4	98	109	22.9	7	98	102	24.9	0	118	18.0	19	109	25.7	1
3250	Country Farm	CF690		255	106	25.0	9	97	108	22.8	17	97	107	25.0	0	94	17.0	50	118	26.4	0
3250	Country Farm	CF692R	R	247					105	22.3	8	97	106	25.7	1	106	16.5	22	104	24.7	1
3250	DEKALB	DKC57-50	B D R	237					109	26.9	3	96	112	31.0	0	107	18.3	9	108	31.5	0
3250	DEKALB	DKC57-69	R	235					95	23.3	6	99	95	25.5	0	96	17.0	14	94	27.5	3
3250	Hyland	8677	W B D R L	259					105	24.8	13	98	109	29.4	1	102	17.5	39	104	27.5	1
3250	Hyland	HL R277	R	250					112	24.4	10	95	108	27.2	0	121	18.8	30	110	27.3	1
3250	Pioneer	35H42	W B R L	251					108	23.4	3	102	107	26.1	0	108	18.0	8	110	26.3	0
3250	PRIDE Seeds	A7450BtRR	B R	241	101	24.5	10	100	102	22.1	19	101	107	25.4	0	90	16.6	56	106	24.4	1
3275	Hyland, Mycogen	8691	W B D R L	253					101	27.0	9	98	101	31.9	0	100	19.5	26	102	29.5	0
3300	DEKALB	DKC59-64	B D R	257					119	26.0	9	98	115	29.3	0	124	18.6	27	120	30.1	0
3300	Hyland	HL B337	B	242					117	25.6	11	95	114	28.9	1	126	19.4	32	113	28.6	0
3300	Hyland	HL B77R	B R	246	107	27.6	4	96	114	25.3	7	94	113	27.3	0	116	20.9	20	114	27.8	1
3300	Maizex	MZ 5560CBR	B D R	229					103	23.9	15	97	107	25.8	0	92	17.7	46	106	28.3	0
3350	Maizex	MZ 5445CBR	B D R	224	102	26.7	8	99	107	22.9	13	100	109	25.5	0	108	17.1	39	105	26.1	1
	LSD (0.10) for Yield Index Points*				2				4				7			10			6		
	Average all hybrids **			240	201	23.9	5	68	193	22.2	9	70	223	24.8	0	148	16.8	26	207	24.8	1
	European Corn Borer Pressure												Low			Low			Low		

1 Belmont 2009-2010, Kerwood 2009-2010, West Lorne 2009-2010

2 Belmont, Kerwood, West Lorne

\* 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.