

**Table 4: 2850 - 3050 C.H.U. Area**

		<u>2003 - 2004 Averages</u>					<u>2004 Trial Averages</u>				<u>Results of 2004 Performance Trials</u>										
		Average of 5 Trials (Exeter '03-'04, Ilderton '04, Thorndale '03, Woodstock '04)					Average of 3 Trials (Exeter, Ilderton, Woodstock)				EXETER			ILDERTON			WOODSTOCK				
Brand and/or Hybrid	Notes	Yield		Brkn %	Test Wt. Index	Yield Index	Moist. %	Brkn %	Test Wt. Index	Yield Index	Moist. %	Brkn %	Yield Index	Moist. %	Brkn %	Yield Index	Moist. %	Brkn %			
		N-Bt	Bt																N-Bt	Bt	N-Bt
Direct	D48BT	B1				<b>90</b>	<b>24.4</b>	<b>0</b>	<b>102</b>		90	23.4	0		93	25.4	0	89	24.5	1	
Country Farm	CF401YGCB	B1				<b>92</b>	<b>24.2</b>	<b>1</b>	<b>102</b>		87	23.4	0		93	24.6	0	97	24.6	2	
Dekalb	DKC40-57	B1				<b>101</b>	<b>24.9</b>	<b>0</b>	<b>102</b>		103	23.1	0		105	25.1	0	96	26.4	0	
2 Maizex	MZ 3254Bt	B1				<b>91</b>	<b>24.7</b>	<b>0</b>	<b>101</b>		96	23.7	1		87	24.9	0	91	25.4	0	
8 Hyland	HL R234	R				<b>101</b>	<b>25.6</b>	<b>0</b>	<b>100</b>		102	23.9	0		103	25.7	0	98	27.1	1	
0 NK Brand	N29-A2	B2	<b>93</b>	<b>25.1</b>	<b>2</b>	<b>101</b>					91	23.3	0		93	24.4	0	89	24.3	1	
0 Pioneer	38P03	R				<b>96</b>	<b>24.3</b>	<b>0</b>	<b>102</b>		101	24.0	0		97	25.0	0	90	24.0	1	
Pioneer	38P04	B5	<b>97</b>	<b>25.6</b>	<b>4</b>	<b>101</b>					98	24.4	0		96	23.9	0	100	25.9	0	
Pioneer	38P05		<b>95</b>	<b>24.8</b>	<b>3</b>	<b>102</b>					92	24.1	0		90	23.7	0	91	25.3	1	
Pioneer	38P09	R B1				<b>89</b>	<b>24.2</b>	<b>1</b>	<b>103</b>		89	23.4	1		93	24.9	1	86	24.4	0	
Country Farm	CF392YGCB	B1				<b>94</b>	<b>23.7</b>	<b>0</b>	<b>102</b>		96	23.2	0		96	23.2	0	90	24.7	0	
Hyland	HL B282	B1				<b>99</b>	<b>25.9</b>	<b>0</b>	<b>100</b>		104	23.3	0		91	26.3	0	101	28.2	0	
Hyland	HL 2368					<b>98</b>	<b>24.8</b>	<b>1</b>	<b>101</b>		101	24.0	0		98	25.6	0	94	24.9	2	
Dekalb	DKC42-22	B1	<b>96</b>	<b>25.8</b>	<b>6</b>	<b>101</b>					97	24.8	0		97	25.9	0	93	24.3	0	
Direct	H-6775BT	B1	<b>94</b>	<b>25.2</b>	<b>2</b>	<b>102</b>					92	25.0	0		92	25.6	0	92	25.7	0	
Maizex	MZ 310		<b>99</b>	<b>25.8</b>	<b>8</b>	<b>101</b>					100	24.5	1		103	24.8	2	95	24.3	0	
2 NK Brand	N3030Bt	B2	<b>97</b>	<b>24.8</b>	<b>3</b>	<b>102</b>					94	23.6	0		96	23.0	1	87	22.7	0	
8 Country Farm	RK383		<b>92</b>	<b>24.9</b>	<b>2</b>	<b>102</b>					94	24.3	1		90	23.1	1	95	24.3	0	
5 Mycogen	2R416	R				<b>99</b>	<b>24.6</b>	<b>0</b>	<b>101</b>		99	23.5	0		102	25.4	0	97	24.8	1	
0 Pioneer	38B85					<b>102</b>	<b>25.4</b>	<b>1</b>	<b>101</b>		102	25.4	0		101	24.7	0	106	27.8	2	
NK Brand	8865		<b>106</b>	<b>27.9</b>	<b>6</b>	<b>100</b>					105	27.2	1		99	108	24.6	1	105	26.9	0
NK Brand	8888					<b>92</b>	<b>24.5</b>	<b>1</b>	<b>101</b>		92	23.1	0		94	25.8	0	92	24.7	3	
NK Brand	Max357	B3	<b>89</b>	<b>26.1</b>	<b>7</b>	<b>100</b>					88	25.1	0		92	23.8	0	87	25.3	0	
Maizex	MZ 3888Bt	B1	<b>97</b>	<b>25.9</b>	<b>3</b>	<b>101</b>					97	24.7	1		100	23.3	0	91	25.9	1	
Pride	A6686Bt	B1	<b>98</b>	<b>25.9</b>	<b>4</b>	<b>101</b>					97	24.6	0		92	23.9	1	102	24.7	0	
Pride	K303RR	R				<b>105</b>	<b>25.5</b>	<b>0</b>	<b>100</b>		111	24.5	0		105	26.2	0	99	25.9	0	
RAGT	MX334					<b>106</b>	<b>27.3</b>	<b>0</b>	<b>99</b>		106	27.3	0		99	25.2	0	100	27.1	0	
Maizex	MZ 324					<b>100</b>	<b>26.1</b>	<b>0</b>	<b>100</b>		102	24.1	0		101	26.7	0	97	27.4	1	
2 NK Brand	N32-M5	B2				<b>96</b>	<b>26.1</b>	<b>0</b>	<b>99</b>		96	24.9	0		100	25.7	0	93	27.7	0	
9 Mycogen	2R426	R B1	<b>102</b>	<b>26.1</b>	<b>2</b>	<b>101</b>					103	24.7	0		102	23.6	0	108	25.4	0	
0 Pioneer	37A91					<b>99</b>	<b>25.6</b>	<b>2</b>	<b>100</b>		96	23.6	0		105	24.7	1	97	28.4	4	
0 Pioneer	37D25		<b>102</b>	<b>25.4</b>	<b>4</b>	<b>101</b>					99	24.5	1		101	23.2	0	92	23.7	1	
0 Pioneer	37H22	R B1				<b>99</b>	<b>26.2</b>	<b>0</b>	<b>100</b>		100	24.3	0		95	26.9	1	104	26.5	1	
Pioneer	37H26	L2	<b>101</b>	<b>28.2</b>	<b>1</b>	<b>100</b>					100	26.8	1		100	25.2	0	99	28.2	2	
Pioneer	38A24		<b>95</b>	<b>25.8</b>	<b>7</b>	<b>101</b>					99	25.1	1		101	23.8	0	102	25.0	0	
Pioneer	38A25	B1	<b>98</b>	<b>27.2</b>	<b>2</b>	<b>100</b>					97	26.7	2		100	93	24.5	4	95	26.5	1
Pioneer	38A26	R B1				<b>100</b>	<b>26.2</b>	<b>0</b>	<b>100</b>		99	23.9	0		98	26.0	0	102	28.7	1	
Pioneer	38A81	R				<b>105</b>	<b>26.3</b>	<b>0</b>	<b>100</b>		105	24.7	0		105	24.9	1	106	29.2	0	
Pride	4526		<b>104</b>	<b>26.1</b>	<b>1</b>	<b>100</b>					104	25.3	0		100	105	24.4	0	105	25.3	0
Pickseed	5600					<b>104</b>	<b>26.0</b>	<b>0</b>	<b>100</b>		104	24.7	0		107	25.6	0	102	27.8	0	
Country Farm	CF488YGCB	B1	<b>96</b>	<b>26.0</b>	<b>5</b>	<b>100</b>					101	25.2	0		100	104	23.7	0	103	25.1	1
Maizex	MZ 4202Bt	B1	<b>97</b>	<b>26.6</b>	<b>1</b>	<b>100</b>					95	25.5	0		101	97	23.8	0	93	26.3	0
NK Brand	N35-B8	B2	<b>101</b>	<b>26.5</b>	<b>1</b>	<b>100</b>					100	25.2	1		101	100	23.7	0	98	25.3	1
Country Farm	RK552					<b>101</b>	<b>26.8</b>	<b>1</b>	<b>99</b>		107	24.0	0		97	27.0	0	98	29.4	3	
NK Brand	8766		<b>95</b>	<b>27.8</b>	<b>2</b>	<b>100</b>					97	26.7	0		99	97	25.3	0	97	26.2	0
Country Farm	CF556YGCB	B1				<b>112</b>	<b>26.7</b>	<b>0</b>	<b>99</b>		114	25.5	0		119	26.3	0	104	28.3	0	
2 Dekalb	DKC46-27	B1	<b>90</b>	<b>25.4</b>	<b>10</b>	<b>101</b>					90	24.0	0		101	88	23.5	0	90	24.0	0
9 Direct	D69BT	B1	<b>100</b>	<b>25.8</b>	<b>3</b>	<b>101</b>					99	24.9	0		101	95	23.7	0	104	25.8	0
5 Hyland	HL B290	B1				<b>100</b>	<b>28.2</b>	<b>0</b>	<b>99</b>		97	25.2	0		99	28.2	0	103	31.2	0	
0 Maizex	MZ 301		<b>101</b>	<b>27.2</b>	<b>2</b>	<b>99</b>					102	26.4	0		99	102	24.4	0	102	26.2	0

**Table 4 continued: 2850 - 3050 C.H.U. Area**

Brand and/or Hybrid	Notes	2003 - 2004 Averages				2004 Trial Averages				Results of 2004 Performance Trials									
		Average of 5 Trials				Average of 3 Trials				EXETER			ILDERTON			WOODSTOCK			
		Yield	Moist.	Brkn	Test Wt.	Yield	Moist.	Brkn	Test Wt.	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn	
		Index	%	Stk %	Index	Index	%	Stk %	Index	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %	
	N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N	Bt			
Country Farm RK556			<b>103</b>	<b>28.2</b>	<b>2</b>	<b>99</b>	<b>102</b>	<b>26.9</b>	<b>0</b>	<b>98</b>	103	24.9	1	103	26.2	0	100	29.6	0
Pride K323Bt	B1		<b>96</b>	<b>28.4</b>	<b>2</b>	<b>99</b>	<b>96</b>	<b>27.9</b>	<b>1</b>	<b>99</b>	98	25.1	2	95	27.9	0	95	30.8	0
NK Brand Max 23	B3		<b>100</b>	<b>26.1</b>	<b>2</b>	<b>101</b>	<b>97</b>	<b>24.9</b>	<b>0</b>	<b>101</b>	91	23.3	0	105	25.4	0	97	26.0	1
Country Farm RK622			<b>103</b>	<b>26.9</b>	<b>3</b>	<b>100</b>	<b>102</b>	<b>26.2</b>	<b>0</b>	<b>100</b>	97	23.4	0	99	25.7	1	109	29.4	0
Pickseed 5675Bt	B1		<b>109</b>	<b>29.9</b>	<b>2</b>	<b>99</b>	<b>110</b>	<b>29.2</b>	<b>0</b>	<b>99</b>	109	24.6	0	107	29.0	0	112	34.0	0
Hyland HL B292	B1		<b>102</b>	<b>29.0</b>	<b>1</b>	<b>99</b>	<b>101</b>	<b>28.3</b>	<b>0</b>	<b>99</b>	97	23.8	0	105	30.3	0	101	30.7	0
Hyland HL R257	R		<b>104</b>	<b>28.8</b>	<b>3</b>	<b>99</b>	<b>106</b>	<b>28.0</b>	<b>0</b>	<b>99</b>	106	23.9	0	109	29.8	0	103	30.4	0
Hyland HL 2507			<b>106</b>	<b>28.4</b>	<b>3</b>	<b>100</b>	<b>105</b>	<b>27.9</b>	<b>0</b>	<b>100</b>	104	23.4	0	110	28.8	0	102	31.5	0
NK Brand N43-C4	B2		<b>107</b>	<b>29.0</b>	<b>2</b>	<b>99</b>	<b>108</b>	<b>27.3</b>	<b>0</b>	<b>99</b>	105	24.5	0	115	26.9	0	105	30.6	0
Mycogen 2E524	B1						<b>105</b>	<b>29.2</b>	<b>0</b>	<b>99</b>	103	23.9	0	106	30.3	0	107	33.4	0
Mycogen 2G470			<b>97</b>	<b>28.1</b>	<b>3</b>	<b>99</b>	<b>99</b>	<b>27.1</b>	<b>1</b>	<b>99</b>	90	24.6	0	101	26.3	1	105	30.3	1
3 Pioneer 37F16	B1		<b>103</b>	<b>28.1</b>	<b>2</b>	<b>99</b>	<b>101</b>	<b>26.9</b>	<b>0</b>	<b>99</b>	100	24.6	0	102	27.7	0	100	28.5	0
0 Pioneer 37R70	R B1						<b>103</b>	<b>28.2</b>	<b>0</b>	<b>99</b>	103	25.4	0	102	29.2	0	103	30.0	0
0 Pioneer 37R71	B1						<b>103</b>	<b>27.5</b>	<b>0</b>	<b>99</b>	103	25.3	0	102	27.2	0	104	30.0	0
0 Pioneer 38H66	R						<b>105</b>	<b>26.2</b>	<b>2</b>	<b>99</b>	102	24.5	1	113	26.0	0	103	28.1	5
Pioneer 38H67			<b>101</b>	<b>27.1</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>26.3</b>	<b>0</b>	<b>100</b>	101	24.1	0	101	27.2	0	98	27.7	1
Pioneer 38H68	B5										111	26.5	0				103	31.1	0
Dekalb DKC50-18	B1		<b>101</b>	<b>27.5</b>	<b>1</b>	<b>100</b>	<b>98</b>	<b>26.3</b>	<b>0</b>	<b>100</b>	96	24.6	0	98	25.5	0	100	28.8	0
Direct D75BT	B1		<b>96</b>	<b>27.4</b>	<b>2</b>	<b>100</b>	<b>96</b>	<b>26.2</b>	<b>0</b>	<b>100</b>	89	23.8	0	94	25.7	0	104	29.1	0
Maizex MZ 424							111	<b>27.9</b>	<b>0</b>	<b>99</b>	108	24.4	0	108	27.2	0	116	32.0	0
Mycogen 2D550	B1		<b>100</b>	<b>28.8</b>	<b>8</b>	<b>99</b>	<b>104</b>	<b>26.7</b>	<b>1</b>	<b>99</b>	102	24.4	1	99	27.2	1	110	28.6	0
Mycogen 2M527			<b>108</b>	<b>29.0</b>	<b>3</b>	<b>99</b>	<b>108</b>	<b>27.9</b>	<b>1</b>	<b>98</b>	108	25.1	0	110	27.6	0	105	31.1	2
NK Brand N45-T5			<b>104</b>	<b>27.8</b>	<b>5</b>	<b>99</b>	<b>104</b>	<b>27.4</b>	<b>1</b>	<b>98</b>	103	25.2	1	102	28.1	1	105	28.9	1
Dekalb DKC51-43			<b>102</b>	<b>28.1</b>	<b>1</b>	<b>99</b>	<b>101</b>	<b>26.8</b>	<b>0</b>	<b>99</b>	102	25.0	0	97	26.6	0	103	28.8	1
Direct D80			<b>98</b>	<b>29.8</b>	<b>0</b>	<b>99</b>	<b>100</b>	<b>28.1</b>	<b>0</b>	<b>99</b>	104	25.3	0	99	27.0	0	97	31.9	0
3 Maizex MZ 366			<b>101</b>	<b>29.8</b>	<b>1</b>	<b>99</b>	<b>104</b>	<b>28.0</b>	<b>0</b>	<b>99</b>	110	25.0	0	100	27.9	0	100	31.2	1
1 NK Brand N45-A6	B2		<b>106</b>	<b>27.8</b>	<b>1</b>	<b>99</b>	<b>104</b>	<b>27.1</b>	<b>0</b>	<b>98</b>	107	25.4	0	104	27.3	0	100	28.6	0
0 Pioneer 36B08			<b>100</b>	<b>28.6</b>	<b>3</b>	<b>99</b>	<b>101</b>	<b>27.2</b>	<b>1</b>	<b>99</b>	103	24.9	0	97	24.8	0	102	31.8	3
0 Pioneer 36K67							<b>106</b>	<b>28.3</b>	<b>0</b>	<b>99</b>	108	24.9	0	99	27.1	1	108	32.8	0
Pioneer 36N71	B1		<b>101</b>	<b>28.6</b>	<b>3</b>	<b>99</b>	<b>99</b>	<b>27.8</b>	<b>0</b>	<b>99</b>	97	25.0	0	95	26.9	0	104	31.4	0
Pioneer 36N72	B5		<b>105</b>	<b>28.5</b>	<b>2</b>	<b>99</b>	<b>105</b>	<b>27.7</b>	<b>0</b>	<b>99</b>	105	25.3	0	103	26.8	0	106	31.0	0
Pioneer 36R11	B1		<b>105</b>	<b>28.2</b>	<b>2</b>	<b>99</b>	<b>103</b>	<b>27.0</b>	<b>0</b>	<b>99</b>	103	25.3	0	98	26.1	0	108	29.5	0
Maizex MZ 4422Bt	B1		<b>108</b>	<b>31.0</b>	<b>1</b>	<b>99</b>	<b>107</b>	<b>30.0</b>	<b>0</b>	<b>98</b>	104	25.7	0	106	30.5	1	111	33.8	0
Direct D81BT	B1						<b>106</b>	<b>29.1</b>	<b>0</b>	<b>98</b>	106	25.4	1	96	29.6	0	112	32.3	0
Pioneer 36B09	B1		<b>99</b>	<b>29.5</b>	<b>1</b>	<b>99</b>	<b>98</b>	<b>28.2</b>	<b>0</b>	<b>98</b>	95	25.2	0	95	27.8	1	104	31.7	0
LSD(0.10) for Yield Index Points*			<b>3</b>				<b>4</b>				<b>6</b>			<b>8</b>			<b>5</b>		
Average all hybrids** (Bt and Non-Bt)			<b>186</b>	<b>27.3</b>	<b>3</b>	<b>63</b>	<b>193</b>	<b>26.2</b>	<b>0</b>	<b>61</b>	202	24.3	0	165	26.3	0	212	28.1	1
European Corn Borer Pressure											Low			None			Low		

Yield indices for all hybrids are based on the average yield for the whole trial (or trials) (i.e. including both Bt and non-Bt hybrids)

\* 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.