

Table 5: 3000 - 3200 C.H.U. Area

Brand and/or Hybrid		Notes		2006 - 2007 Averages				2007 Trial Averages				Results of 2007 Performance Trials								
				Average of 5 Trials (Croton '06, Kerwood '06-07 West Lorne '07, Belmont '07)				Average of 3 Trials (Kerwood, West Lorne, Belmont)				BELMONT			KERWOOD			WEST LORNE		
				Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%
				Index	%	Ldg	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt	
	Country	CF566R	R1			84	21.2	1	101	81	19.7	2	88	21.0	1	84	22.9	0		
	Hyland	HL B43R	R1 B1	91	21.0	0	101	87	20.8	0	101	83	19.8	0	84	20.2	0	96	22.5	0
	Hyland	HL CBR64	R1 B1 B6			93	20.7	0	102	100	20.9	0	91	20.2	0	87	21.0	1		
	Maizex	MZ 39-62RR	R1	97	19.9	2	102	99	19.9	1	102	103	19.2	2	93	19.0	1	101	21.6	1
	Maizex	MZ 3976CBB	V3 B1			90	21.1	0	102	87	21.7	0	95	20.4	0	89	21.2	0		
	Rupp	1XP03				95	19.7	0	102	99	18.7	0	92	18.5	0	96	22.0	0		
	Country	CF525H	B5			99	20.3	0	102	101	19.5	0	104	20.0	0	90	21.3	0		
	Dekalb	DKC48-78	R1			84	19.4	0	103	85	19.8	0	81	18.4	1	85	19.9	1		
	Hyland	HL 2515		96	21.1	2	101	99	21.5	0	101	101	20.9	1	101	20.9	1	93	22.7	0
3	Hyland	HL B294	B1	105	20.8	1	101	104	21.4	0	101	104	21.4	1	101	20.8	1	106	22.0	0
0	NK Brand	N43-C4	B2	97	19.8	1	102	94	20.0	0	102	92	19.3	0	91	18.9	0	100	21.8	1
0	Pioneer	37F74	B5	101	21.2	0	101	97	21.5	0	101	97	21.4	0	100	20.8	0	92	22.3	0
0	Pioneer	37F75	R1 B5			98	22.6	0	100	105	22.8	0	91	22.0	0	100	23.0	0		
	Rupp	8XP75	B5			101	22.5	0	100	102	21.3	1	101	23.1	0	101	23.2	0		
	Mycogen	2A517	B5	96	20.3	1	102	98	20.0	0	102	105	18.9	0	94	20.4	0	96	20.7	0
	Pride Seeds	A7131BtRR	R1 B1	95	20.8	0	101	94	20.7	0	102	99	19.8	1	87	20.2	0	98	22.0	0
	Country	CF723YGCB	B1	103	20.8	0	101	103	20.6	0	102	103	19.3	0	105	20.1	0	101	22.4	0
	Dekalb	DKC50-18	B1	90	20.5	0	102	90	20.8	0	102	92	20.8	0	86	19.4	0	92	22.2	1
	Dekalb	DKC50-20	R1 B1	89	20.3	1	102	91	20.3	0	102	85	20.6	0	92	20.0	0	98	20.3	0
	Dekalb	DKC50-48	R1 B1	94	22.8	1	99	98	23.2	0	99	94	22.8	0	97	23.2	0	103	23.5	1
	Hyland	HL B295	B1	103	22.4	1	100	99	22.7	0	100	104	22.3	0	96	22.0	1	99	23.7	0
3	Hyland	HL B49R	R1 B5			103	23.4	0	99	101	23.2	0	110	23.4	0	98	23.6	0		
0	Maizex	MZ 366		94	21.8	1	100	95	22.1	0	100	98	21.1	1	93	21.5	0	95	23.7	0
5	Maizex	MZ 36-66RR	R1	89	22.1	1	100	87	22.4	0	100	88	21.6	0	80	22.3	0	96	23.3	0
0	Maizex	MZ 424		101	21.4	1	101	99	21.7	1	101	98	20.4	0	94	21.7	1	107	23.0	1
	Maizex	MZ 4272BR	R1			98	20.9	0	101	98	20.0	0	99	19.6	0	97	23.1	0		
	NK Brand	N44-M1	B2	99	21.5	1	101	99	22.1	0	100	98	21.1	0	98	22.9	0	101	22.4	0
	Mycogen	2P535	B5 B8			104	21.8	0	101	100	21.3	0	108	22.0	0	102	22.0	0		
	Mycogen	2J527	B5	98	22.3	0	100	98	22.7	0	100	95	20.9	0	101	23.7	0	98	23.4	0
	Croplan	421RR\BT	R1 B1	96	20.9	0	101	95	20.8	0	102	96	19.6	0	95	19.9	0	93	22.9	0
	NK Brand	N45-T5		94	21.1	2	101	95	21.0	1	101	95	21.0	2	96	19.7	2	93	22.4	1
	Country	CF771		92	21.8	1	100	92	21.8	0	101	92	20.9	0	86	21.5	1	99	22.9	0
	Dekalb	DKC51-43		92	20.6	1	102	92	20.7	1	102	90	20.9	1	90	19.2	0	97	22.0	1
	Hyland	HL B52R	R1 B1	102	23.3	0	99	105	23.5	0	99	102	23.3	0	104	23.4	0	109	23.8	0
	Masters	MC-525				98	23.8	1	99	99	23.3	2	94	23.3	1	102	24.9	1		
	Maizex	MZ 424HX	B5			104	22.3	0	100	99	22.0	0	104	22.1	1	107	22.7	0		
3	Maizex	MZ 4433Bt	B1	104	22.8	1	100	103	23.3	0	99	101	22.4	0	102	23.5	0	106	24.1	0
1	NK Brand	N45-A6	B2	100	21.0	0	101	101	21.4	0	101	98	20.4	0	102	21.6	0	103	22.2	0
0	Rupp	XR1609				91	23.4	0	99	96	23.3	0	80	23.0	1	99	24.0	0		
0	Pioneer	35F37				94	23.3	0	100	103	23.1	0	90	22.1	0	90	24.7	1		
	Pioneer	35F38				102	23.2	0	100	102	22.5	0	105	22.8	0	99	24.2	0		
	Pioneer	36W66		103	21.8	1	100	102	22.0	0	101	103	21.5	0	102	21.1	0	100	23.3	1
	Pioneer	36W67	B5	100	23.4	0	99	98	23.4	0	99	97	22.8	1	95	22.6	0	103	24.8	0
	Pickseed	5686Bt	B1	104	22.8	0	100	102	23.0	0	100	96	21.7	0	100	23.1	0	110	24.3	0
	Pride Seeds	A7245G3	R1 B1 B6			97	22.9	0	100	91	22.7	0	96	21.9	0	105	24.0	1		

Table 5 continued: 3000 - 3200 C.H.U. Area

Brand and/or Hybrid		Notes	2006 - 2007 Averages				2007 Trial Averages				Results of 2007 Performance Trials								
			Average of 5 Trials				Average of 3 Trials				BELMONT			KERWOOD			WEST LORNE		
			Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Test Wt.	Yield	Moist.	%	Yield	Moist.	%	Yield	Moist.	%
Index	%	Ldg	Index	Index	%	Ldg	Index	Index	%	Ldg	Index	%	Ldg	Index	%	Ldg			
			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			N-Bt	Bt			
3	Dekalb DKC52-62	R1	101	21.7	1	101	104	21.7	1	101	101	21.3	1	105	21.3	2	105	22.6	0
1	Dekalb DKC52-63	R1 B1	101	22.1	1	100	106	22.4	0	100	103	22.4	1	107	22.1	0	107	22.7	0
5	NK Brand N48-G6						104	21.8	0	100	107	20.8	0	106	21.3	1	98	23.4	1
0	Country CF772RBt	R1 B1					93	21.4	0	101	93	22.1	0	95	19.9	0	91	22.2	0
	Country CF772YGCB	B1	93	20.9	0	101	91	21.0	0	101	91	20.6	0	88	21.3	0	94	21.1	0
	Horizon HZ 1090HxT	B5 B8					101	24.6	0	98	99	23.3	0	106	26.1	0	97	24.4	0
	NK Brand N51-T8	B2					105	22.2	0	100	100	22.0	0	106	22.0	0	109	22.7	0
	NK Brand N53-W3	R2	104	22.7	2	99	101	23.5	1	99	109	23.5	1	97	22.9	1	97	24.1	1
	NK Brand N53-W5		111	23.0	0	99	109	23.9	0	99	106	23.5	0	109	24.0	1	112	24.2	0
	Mycogen 2C597	R1 B5					111	24.5	0	98	104	23.8	0	120	25.5	0	106	24.2	0
	Mycogen 2H546	B5					104	22.6	1	100	100	21.9	1	104	22.4	1	109	23.6	0
	Croplan 491TS	R1 B1 B6					96	21.0	0	102	93	19.8	0	103	21.4	0	91	21.8	1
3	Pride Seeds A7450BtRR	R1 B1					104	23.0	0	99	106	22.3	0	108	23.3	0	96	23.5	0
2	Country CF777Bt	B1					104	23.0	0	100	103	21.4	1	103	23.6	0	108	24.0	1
0	Pioneer 35D27	R1					101	23.6	0	99	103	23.1	1	102	23.4	0	98	24.2	0
0	Pioneer 35F40	R1 B5					106	23.8	0	99	102	23.4	0	113	24.0	0	102	24.1	0
	Pioneer 35T05	R1					106	24.1	0	99	112	23.4	1	103	23.6	1	104	25.4	0
	Pride Seeds A7442RR	R1	97	23.8	1	98	95	24.1	0	98	94	23.9	0	94	23.8	1	98	24.6	0
	Country CF779Bt	B1	101	23.7	0	98	101	24.4	0	98	98	24.0	0	103	24.1	0	101	25.2	1
	Hyland HL 2677		116	25.2	1	98	120	26.1	1	97	114	26.6	0	123	26.3	1	123	25.4	1
	Pride Seeds K542		98	23.3	1	99	96	23.6	0	99	101	23.7	1	91	23.1	0	97	24.1	0
	Masters MC-530		103	24.9	2	98	103	25.4	0	98	107	24.9	1	109	25.7	0	93	25.7	1
	Croplan 5338VT3	V3 B1					103	23.0	0	100	102	23.0	1	103	22.8	0	104	23.3	0
	Pride Seeds K563Bt	B1	97	24.0	0	98	98	24.5	0	98	105	24.6	0	94	24.3	0	95	24.7	0
	Hyland HL B337	B1	119	25.4	0	97	123	26.0	0	97	124	25.9	0	128	26.3	0	115	25.8	0
3	Pioneer 34P88		113	26.3	0	97	112	27.1	0	97	111	27.0	0	119	27.3	0	105	26.9	0
3	Pioneer 34P89	B5	119	27.5	0	96	120	27.4	0	97	118	26.4	0	119	29.5	0	123	26.4	0
0	Pioneer 35H40	R1					103	23.5	0	99	102	23.5	0	107	23.2	1	101	23.8	0
0	Pioneer 35H42	R1 B5					105	24.7	0	98	110	23.8	0	110	24.6	0	95	25.6	0
	Hyland HL B344	B1	103	24.3	0	98	103	24.2	0	99	102	23.2	0	106	23.7	1	99	25.8	1
	Pioneer 33T55	R1					118	27.0	0	97	123	25.9	1	118	26.7	0	114	28.5	0
LSD(0.10) for Yield Index Points*			3				4				5			6			7		
Average all hybrids** (Bt and Non-Bt)			210	22.3	1	66	199	22.6	0	65	192	22.1	0	219	22.3	0	187	23.4	0
European Corn Borer Pressure											Low		Low				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.