

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

Brand and/or Hybrid		2004 - 2005 Averages					2005 Trial Averages					Results of 2005 Performance Trials								
		Average of 5 Trials (Croton '04-'05, Kerwood '05 West Lorne '04-'05)					Average of 3 Trials (Croton, West Lorne Kerwood)					CROTON			KERWOOD			WEST LORNE		
		Notes	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	Bt	
Pickseed	ExMax Bt	B1				95	21.9	6	100	92	18.9	13	95	25.6	1	98	21.1	4		
Country	CF488YGCB	B1				89	19.4	4	103	84	17.1	5	88	21.6	7	96	19.4	1		
NK Brand	N35-B8	B2	93	21.4	0	102	93	19.4	0	102	98	18.4	0	88	18.8	1	90	21.1	1	
Country	CF556YGCB	B1	94	22.7	0	101	91	21.1	0	100	86	19.0	0	94	23.8	0	95	20.5	1	
Country	RK556		92	22.6	2	101	90	20.7	2	101	86	18.5	3	97	23.4	0	89	20.2	3	
Dekalb	DKC48-60	R B1				90	19.2	5	102	84	17.8	6	94	21.7	6	93	18.1	2		
Country	CF723YGCB	B1				110	20.8	2	101	109	18.8	2	99	23.8	4	122	19.7	0		
Maizex	MZ 4155Bt	B1				102	21.9	2	100	107	18.7	4	99	25.8	1	98	21.1	1		
Hyland	HL B292	B1	96	22.0	0	102	95	19.9	0	102	95	18.4	0	91	22.3	0	99	19.1	0	
Hyland	HL R257	R	96	21.4	2	103	93	19.3	3	103	84	17.0	3	95	20.7	4	102	20.0	2	
3	Hyland	HL 2507								92	17.3	2				93	19.9	0		
0	Hyland	HL 2515	105	23.1	4	101	107	21.1	4	101	110	17.8	7	106	24.5	1	105	21.1	4	
0	NK Brand	N43-C4	B2	99	21.1	0	102	100	18.9	0	102	99	18.0	0	97	21.2	0	103	17.5	0
0	Pioneer	37F16	B1	97	23.1	1	101	96	21.5	1	100	97	18.7	2	85	26.0	0	104	19.8	1
	Pioneer	37R70	R B1	92	22.1	0	101	89	19.6	0	102	84	18.5	0	94	22.0	0	92	18.4	1
	Pioneer	37R71	B1	91	21.3	0	102	89	19.1	0	102	84	18.3	1	91	20.1	0	94	18.8	0
	Pioneer	38H64	B5				94	20.0	1	102	100	17.8	1	94	23.6	0	88	18.6	2	
	Pioneer	38H66	R	85	21.2	4	103	81	18.6	6	103	81	17.7	7	83	19.4	2	78	18.6	9
	Pioneer	38H67								86	17.8	8	80	21.4	4					
	Mycogen	2E522	L2				99	21.6	4	101	103	19.0	9	96	25.9	1	97	19.9	2	
Country	CF772YGCB	B1	100	23.1	1	100	103	21.1	1	101	102	18.8	1	106	24.8	1	104	19.7	1	
Dekalb	DKC50-18	B1	96	22.6	1	101	97	21.3	1	101	92	19.2	0	101	23.4	1	101	21.2	3	
3	Dekalb	DKC50-20	R B1				100	20.0	2	102	94	18.2	4	105	21.3	2	101	20.5	1	
0	Maizex	MZ 366		92	23.4	1	101	91	22.1	1	100	90	19.0	1	96	26.9	0	89	20.2	1
5	Maizex	MZ 424		100	23.2	4	101	101	21.7	5	100	102	19.4	4	101	23.9	9	101	21.9	2
0	Pickseed	5686Bt	B1				109	23.1	1	99	113	20.1	1	101	26.2	1	112	23.0	1	
	Mycogen	2J525					100	22.5	6	100	103	19.5	8	102	25.9	3	95	22.1	8	
	Mycogen	2K540	R				98	21.0	8	101	99	18.7	3	96	22.8	11	99	21.6	10	
	NK Brand	N45-T5		98	22.2	3	101	100	20.1	4	102	100	18.4	5	106	23.2	3	94	18.7	3
	Dekalb	DKC51-43		99	22.9	3	101	100	22.0	3	101	98	19.4	2	98	25.5	3	106	20.9	4
	Maizex	D80		93	23.3	2	100	93	22.0	2	100	91	18.4	2	93	26.7	4	97	20.8	2
	Maizex	MZ 4433Bt	B1				110	22.8	1	99	111	20.0	1	105	26.3	0	113	22.2	2	
3	Maizex	MZ 4422Bt	B1	110	23.8	1	100	108	22.5	1	100	96	20.0	2	118	25.5	2	114	22.1	1
1	NK Brand	N45-A6	B2	101	22.1	0	101	102	20.1	0	102	106	18.3	1	103	21.8	0	96	20.1	0
0	Pioneer	36B08		89	23.6	1	100	88	22.5	1	100	86	19.2	2	92	26.0	1	86	22.4	0
0	Pioneer	36W66					105	21.2	3	100	102	18.9	1	115	23.8	2	99	20.9	5	
	Pioneer	37F73					96	19.6	5	102	93	17.6	5	101	22.4	3	97	18.8	7	
	Maizex	D81BT	B1	104	24.5	1	99	103	23.6	1	99	104	19.5	1	101	28.9	0	105	22.3	2
	Maizex	MZ 4655Bt	B1								105	19.2	2							
	Pioneer	35A30					104	23.8	3	99	102	19.6	2	108	27.1	2	101	24.7	6	
	Pioneer	36B09	B1	92	23.6	0	101	90	21.8	1	100	93	19.2	0	95	24.8	1	81	21.5	1
	Dekalb	DKC54-50					94	21.3	4	101	96	18.8	6	101	24.9	0	86	20.3	6	
	Croplan	491Bt	B1				99	20.7	2	101	95	18.1	3	106	25.0	0	98	19.1	3	
	Country	CF778YGCB	B1	104	25.7	1	99	107	23.4	2	99	102	19.2	4	120	27.3	1	100	23.8	1
	Dekalb	DKC54-51	B1	98	23.2	1	101	96	21.1	1	101	99	17.8	2	100	24.9	0	87	20.5	1

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

Brand and/or Hybrid	Notes	2004 - 2005 Averages				2005 Trial Averages				Results of 2005 Performance Trials								
		Average of 5 Trials				Average of 3 Trials				CROTON			KERWOOD			WEST LORNE		
		Yield Index	Moist. %	Brkn Stk %	Test Wt. Index	Yield Index	Moist. %	Brkn Stk %	Test Wt. Index	Yield Index	Moist. %	Brkn Stk %	Yield Index	Moist. %	Brkn Stk %	Yield Index	Moist. %	Brkn Stk %
		N-Bt	Bt			N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt	
Maizex MZ 535					100	24.0	3	99	99	20.5	6	99	28.8	2	104	22.5	3	
3 Hyland HL 2676		106	24.8	2	99	108	23.6	3	99	105	20.7	4	109	26.3	4	111	23.9	
2 NK Brand N50-P5	B2	100	23.7	0	99	98	21.4	1	100	100	19.6	1	98	24.0	1	95	20.7	
0 NK Brand N51-Z7	B2	103	24.5	1	99	103	23.2	1	99	105	20.2	1	104	26.5	0	99	22.9	
0 Mycogen 2A644		105	25.5	2	99	104	24.6	2	98	111	20.0	4	92	29.2	0	105	24.4	
Mycogen 2G626	B1	104	25.4	1	98	105	24.5	1	98	110	19.9	1	102	28.6	1	103	25.1	
Pioneer 35D28		104	25.3	4	99	101	23.9	5	99	101	19.6	8	98	28.5	2	103	23.7	
Pioneer 35Y55	B1	106	25.6	0	99	106	24.3	0	98	106	19.9	0	106	29.0	0	106	24.1	
3 Dekalb DKC57-84	B1	106	27.0	0	98	107	25.8	0	98	105	22.9	0	111	30.6	1	106	23.9	
2 Hyland HL B332	B1					111	24.6	2	98	116	20.7	3	102	27.6	2	114	25.5	
5 Pride K542										111	21.2	1	107	29.3	1			
0 Maizex MZ 5125Bt	B1	103	25.7	1	99	103	24.5	1	98	108	20.0	0	95	28.5	0	104	25.1	
Pride K563Bt	B1	100	26.2	0	98	101	25.3	1	98	105	21.7	0	104	28.8	1	91	25.5	
Maizex D93BT	B1	107	26.3	1	98	108	24.8	1	98	107	21.2	2	108	27.9	1	109	25.4	
Hyland HL B344	B1	107	26.4	0	98	106	24.8	1	98	110	21.3	1	103	28.1	1	103	25.1	
3 NK Brand N58-D1	B2	108	25.2	1	99	110	23.2	1	99	109	19.3	0	114	26.9	0	107	23.6	
3 NK Brand N8523		101	25.9	3	100	101	24.8	3	98	101	21.1	3	98	30.1	2	104	23.2	
0 Pioneer 34A15						108	24.1	2	99	109	20.1	3	106	27.8	3	108	24.4	
0 Pioneer 34D71		102	26.1	2	99	101	25.1	3	98	98	20.0	2	105	31.6	2	102	23.5	
Pioneer 34D72	B1	106	26.1	0	98	107	25.3	0	98	106	20.5	1	99	32.4	0	115	23.1	
Pioneer 34G13		100	25.4	1	100	100	24.4	1	99	108	19.7	0	93	29.8	0	96	23.8	
Pioneer 35Y33						99	23.9	2	99	100	20.6	3	108	27.9	0	88	23.1	
Pioneer 34M95	B1	105	27.0	1	98	108	26.2	1	97	106	21.2	2	98	30.9	0	121	26.4	
Pioneer 34N42	B5	103	26.7	1	99	101	25.5	1	98	108	22.0	2	103	29.6	0	90	25.0	
Pioneer 34N44	B1	104	26.0	1	99	107	24.7	1	98	110	21.6	0	102	27.5	2	108	25.1	
Pioneer 33P67	B1									111	22.8	9				109	30.8	
LSD(0.10) for Yield Index Points*		3				4				6			7			8		
Average all hybrids** (Bt and Non-Bt)		199	24.1	1	66	189	22.3	2	66	229	19.4	3	167	25.7	2	173	21.9	
European Corn Borer Pressure										Low			Moderate			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.