

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

Brand and/or Hybrid		2004 - 2005 Averages					2005 Trial Averages				Results of 2005 Performance Trials											
		Average of 7 Trials (Exeter '04-'05, Ilderton '04-'05 Thorndale '05, Woodstock '04-'05)					Average of 4 Trials (Exeter, Ilderton, Woodstock)				EXETER			ILDERTON			THORNDALE			WOODSTOCK		
		Notes	Yield	Moist.	Brkn	Test Wt	Yield	Moist.	Brkn	Test Wt	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn
			Index	%	Stk %	Index	Index	%	Stk %	Index	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %
		N-Bt	Bt		N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt		N-Bt	Bt		N-Bt	Bt
Country	CF401YGCB	B1	94	22.3	2	101	94	20.9	3	100	95	18.7	4	92	19.4	1	94	21.4	2	95	24.2	5
NK Brand	N29-A2	B2	95	21.5	1	101	97	19.7	1	101	95	17.5	0	98	19.1	0	91	19.6	1	106	22.6	5
2 NK Brand	N29-G7	L2				97	19.5	2	101	94	17.9	2	99	18.7	1	98	19.9	2	98	21.5	1	
8 Pioneer	38P03	R	93	21.8	2	102	90	19.8	3	102	91	18.8	0	84	18.0	2	97	20.9	1	87	21.6	8
0 Pioneer	38P04	B5	94	22.5	1	101	91	20.8	1	100	80	20.7	0	88	18.3	1	93	20.4	0	102	23.6	3
0 Pioneer	38P05		92	22.0	1	101	90	20.5	1	101	92	20.2	0	90	18.3	1	88	20.2	0	92	23.2	3
Pioneer	38P09	R B1	90	21.8	1	102	90	20.0	1	101	92	19.1	2	89	17.9	0	89	20.4	0	89	22.7	2
Pioneer	38T41					94	19.3	2	102	89	17.2	1	95	18.0	0	96	18.8	1	96	23.0	5	
Country	CF392YGCB	B1	90	20.6	4	103	86	18.3	7	103	83	16.8	16	93	17.4	0	88	18.7	7	79	20.4	5
Hyland	HL 2368		97	21.8	2	101	95	19.5	2	101	93	18.1	0	96	18.5	2	102	20.4	4	90	21.1	4
Dekalb	DKC42-22	B1	98	22.0	2	101	97	19.9	4	101	95	17.8	9	93	18.8	4	98	20.6	2	104	22.4	1
Dekalb	DKC42-71	R B1				96	20.1	12	101	97	18.2	12	96	18.7	20	97	20.9	11	94	22.4	7	
Croplan	334Bt	B1				92	19.5	1	102	91	17.3	3	84	18.0	0	95	20.1	0	96	22.5	0	
Hyland	HL B282	B1	101	22.3	1	101	101	19.6	2	101	99	17.9	4	99	18.3	0	107	19.9	3	97	22.4	2
Maizex	MZ 310		98	21.7	2	101	97	19.6	2	101	100	17.8	1	102	18.7	1	92	19.8	3	92	22.1	3
2 Maizex	MZ 31-03RR	R				102	19.6	6	101	102	18.2	4	99	18.3	4	104	19.8	12	103	22.0	3	
8 Maizex	MZ 3254Bt	B1	96	21.5	3	101	98	19.2	4	102	96	17.5	1	99	18.0	0	100	18.9	12	95	22.2	5
5 Maizex	MZ 38-77B1RR	R B1				83	18.2	6	103	77	17.1	10	86	17.6	4	84	18.0	8	87	20.2	3	
0 NK Brand	N3030Bt	B2	100	21.9	1	102	103	20.7	1	101	103	18.8	1	105	18.8	0	100	20.1	0	104	24.9	3
NK Brand	N8888		94	22.2	3	101	95	20.4	4	101	99	18.5	2	90	18.5	3	97	19.9	4	92	24.7	6
Country	RK383		90	21.0	2	102	87	18.6	2	103	88	17.4	2	88	17.4	2	87	18.4	2	84	21.1	3
Mycogen	2R416	R	98	21.7	2	101	96	19.5	3	101	98	17.8	5	104	18.4	0	95	19.9	3	88	22.0	4
Pioneer	38B84	R				101	20.7	1	100	100	19.3	1	98	19.0	2	102	21.0	0	103	23.5	2	
Pioneer	38B85		115	28.0	1	97	122	29.9	2	95	126	28.1	5	119	27.9	1	119	30.3	0	123	33.3	0
Mycogen	2R426	B1	101	21.9	2	101	100	19.8	2	101	98	18.1	4	107	18.1	1	93	19.6	2	101	23.2	3
Pride	A6686Bt	B1	101	21.9	3	101	102	19.9	4	101	99	18.2	5	103	18.6	1	108	20.2	9	97	22.4	3
Maizex	D69					97	19.6	3	101	98	18.0	1	98	18.4	0	96	19.5	7	98	22.3	6	
Maizex	D69RR	R				96	19.7	2	101	97	17.9	2	96	18.5	1	98	19.8	1	93	22.6	4	
Pickseed	ExMax Bt	B1				105	23.2	3	98	109	21.2	6	100	20.4	1	98	25.2	1	113	26.1	6	
2 Pride	K303RR	R	101	23.1	1	100	97	21.3	1	100	99	18.0	0	105	19.6	0	91	22.8	0	92	24.9	3
9 Maizex	MZ 324		93	22.3	1	101	88	19.5	2	101	89	17.6	1	80	18.2	3	86	20.0	2	96	22.2	2
0 Maizex	MZ 3888Bt	B1	99	22.0	3	101	99	20.0	5	101	95	18.6	7	102	18.7	1	102	19.4	10	98	23.3	2
0 Pioneer	37A92	B1				98	21.0	1	100	99	18.8	0	100	18.4	0	95	21.6	2	99	25.0	3	
Pioneer	38A24		100	22.6	2	101	100	20.7	2	100	103	19.7	2	103	19.0	1	100	21.3	4	93	22.8	3
Pioneer	38A25	B1	99	23.7	3	100	99	21.4	4	100	99	20.0	13	102	19.1	0	96	21.6	0	100	24.9	3
Pioneer	38A26	R B1	103	23.5	0	100	104	21.6	1	99	106	20.3	0	103	19.7	0	108	21.1	1	99	25.1	1
Pride	4526		101	22.4	1	100	98	20.3	1	101	102	18.2	1	97	18.7	0	97	19.3	1	95	24.8	2
Country	CF488YGCB	B1	98	22.0	3	101	96	19.5	5	101	95	18.2	9	94	18.7	2	100	18.8	2	93	22.4	6
NK Brand	N35-B8	B2	103	23.1	1	100	104	21.6	1	99	103	19.7	1	104	19.8	0	99	21.7	4	108	25.1	1
Country	CF556YGCB	B1	106	24.0	0	99	102	22.0	0	99	104	19.0	0	100	20.0	0	100	22.9	0	104	26.1	1
Dekalb	DKC46-27	B1	93	21.8	3	101	95	20.2	5	101	94	18.6	12	96	18.7	1	98	20.7	2	91	22.9	3
2 Dekalb	DKC47-10	R B1				93	20.2	5	101	97	18.2	13	96	18.8	1	88	20.8	3	91	22.8	3	
9 Maizex	D69BT	B1	98	22.1	2	101	95	20.0	3	101	94	17.9	2	99	18.6	1	91	20.7	7	99	22.8	3
5 Maizex	MZ 3654Bt	B1	103	24.1	0	99	102	21.3	0	99	100	19.6	1	101	19.9	0	106	20.1	0	102	25.7	0
0 Maizex	MZ 39-75RR	R				102	21.6	1	100	101	19.9	0	104	19.3	1	102	22.2	2	103	24.9	3	

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

Brand and/or Hybrid	Notes	2004 - 2005 Averages				2005 Trial Averages				Results of 2005 Performance Trials												
		Average of 7 Trials				Average of 4 Trials				EXETER			ILDERTON			THORNDALE			WOODSTOCK			
		Yield	Moist.	Brkn	Test Wt	Yield	Moist.	Brkn	Test Wt	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn	Yield	Moist.	Brkn	
Index	%	Stk %	Index	Index	%	Stk %	Index	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %	Index	%	Stk %			
		N-Bt	Bt		N-Bt	Bt			N-Bt	Bt		N-Bt	Bt		N-Bt	Bt		N-Bt	Bt			
Croplan 355RR2\Bt	R B1																					
Country RK556		100	23.7	0	99	98	21.0	2	100	101	97	18.7	4	101	19.0	4	107	21.9	1	99	24.5	1
Dekalb DKC48-60	R B1					108	21.2	2	100	108	101	18.6	0	96	20.0	0	99	21.2	0	94	25.2	2
Pride A6719BtRR	R B1					103	21.6	0	100	99	108	19.2	0	114	19.7	0	101	21.8	5	107	23.9	3
Pickseed 5675Bt	B1	110	25.6	2	98	109	22.9	3	98	106	99	19.3	0	108	18.9	0	99	23.5	0	108	24.5	0
Maizex MZ 4155Bt	B1					111	23.4	1	98	114	109	19.2	3	109	21.7	0	110	25.7	0	108	26.9	2
Hyland HL B292	B1	103	24.1	1	99	104	21.0	2	100	114	114	18.4	6	101	20.0	0	105	21.7	0	95	23.8	0
Hyland HL R234	R	98	22.4	2	101	96	20.1	3	101	94	94	18.1	6	96	18.2	1	99	20.5	4	94	23.5	0
Hyland HL R257	R	104	24.4	0	99	101	21.7	1	99	100	100	19.5	1	103	20.2	0	102	21.5	0	101	25.6	1
Hyland HL 2507		100	24.2	0	100	96	21.5	0	100	98	98	18.1	1	96	20.0	0	99	22.3	0	93	25.4	0
3 Hyland HL 2515						114	22.5	1	99	122	122	19.4	1	114	20.5	1	114	24.2	0	105	25.8	3
0 NK Brand N43-C4	B2	107	24.4	2	99	106	22.3	3	99	100	100	21.5	8	106	20.3	1	111	22.6	2	108	24.7	0
0 Pioneer 37F16	B1	103	24.5	0	99	103	22.7	0	98	105	105	19.9	0	100	20.3	0	103	22.8	1	105	27.9	0
0 Pioneer 37R70	R B1	99	24.8	0	99	96	22.3	0	99	96	96	19.9	0	96	19.0	0	96	22.3	1	96	28.1	0
Pioneer 37R71	B1	99	24.1	0	99	95	21.5	0	100	93	93	19.3	1	94	18.9	0	100	21.9	0	95	25.8	0
Pioneer 38H64	B5					100	21.2	1	100	95	95	19.3	4	103	19.8	1	101	20.9	0	103	24.9	0
Pioneer 38H66	R	101	23.1	1	100	97	20.7	1	100	96	96	18.9	0	97	18.9	1	97	20.7	0	100	24.3	2
Pioneer 38H67		99	23.1	1	100	98	20.7	2	100	100	100	19.1	3	98	18.9	1	98	21.4	1	97	23.5	3
Mycogen 2E522	L2					111	24.6	2	97	109	109	22.5	1	113	21.3	1	103	25.1	5	121	29.3	0
Dekalb DKC50-18	B1	106	24.0	0	99	110	22.3	0	99	115	115	19.6	0	100	20.5	0	118	23.7	0	106	25.2	1
3 Dekalb DKC50-20	R B1					106	21.7	1	99	109	109	19.6	1	106	20.1	0	105	21.9	1	105	25.3	0
0 Maizex MZ 366		104	25.4	1	98	103	23.4	2	98	102	102	20.6	7	103	21.2	0	103	22.4	0	102	29.5	0
5 Maizex MZ 424		110	25.6	5	98	109	23.9	8	98	104	104	20.9	14	107	22.2	3	106	24.6	9	118	28.0	6
0 Pickseed 5686Bt	B1					118	25.4	0	97	120	120	23.0	0	116	23.2	0	120	26.5	0	118	28.8	1
Mycogen 2J525						109	24.5	0	97	113	113	21.5	0	107	22.1	0	101	26.5	0	113	27.8	2
NK Brand N45-T5		109	24.8	1	98	112	22.8	2	98	114	114	21.1	2	108	20.6	0	111	23.6	2	116	26.0	3
NK Brand N45-A6	B2	109	24.2	0	99	112	22.1	0	99	111	111	20.9	0	114	19.7	0	113	22.4	0	108	25.2	0
Pioneer 36B08		102	25.8	1	98	102	24.8	0	97	107	107	22.8	0	103	22.5	0	97	25.8	0	102	28.1	2
Pioneer 36B09	B1	103	25.9	1	98	105	24.2	1	97	106	106	23.2	0	105	21.4	0	103	24.4	2	108	27.7	1
LSD(0.10) for Yield Index Points*		3				3				7				7			6			6		
Average all hybrids** (Bt and Non-Bt)		204	23.2	1	65	214	21.2	2	68	230	230	19.3	3	205	19.5	1	219	21.6	2	202	24.4	2
European Corn Borer Pressure												None			None			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.