

Table 4: Exeter, Ilderton, Thorndale, Woodstock

CHU	Brand and/or Hybrid	Trait	Plant Height (cm)	2009-2010 averages ¹				2010 averages ²				Results of 2010 Performance Trials									
				average of 7 trials				average of 3 trials				EXETER			THORNDALE			WOODSTOCK			
				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 %	
2700	Pioneer	38N85	R	232					89	21.3	1	104	102	17.9	1	79	21.4	1	90	24.6	0
2700	Pioneer	P9176XR	W B D R L	247					91	20.8	0	101	94	16.9	1	89	21.1	0	90	24.3	0
2750	Pioneer	38N88	W B R L	231	98	26.1	0		95	21.3	0	104	96	16.8	0	92	22.8	0	97	24.3	0
2800	Horizon	HZ 942BtGT	B R L	244					98	21.8	6	98	90	17.6	9	101	22.0	6	101	25.9	1
2800	Pioneer	38M58	W B R L	235	98	25.7	0		94	22.1	0	104	100	17.8	0	89	22.7	0	95	25.7	0
2800	Pioneer	38M59	B	237	96	25.4	0		94	21.3	0	105	93	17.2	0	95	22.7	0	95	24.1	0
2850	Horizon	HZ 975Hx	W B L	259	100	28.5	1		102	23.9	2	100	107	17.6	1	97	25.9	2	104	28.2	2
2850	Mycogen	2A397	R	246					99	21.0	3	100	102	17.1	2	99	21.3	5	96	24.6	1
2850	Pioneer	38A55	R	240					93	21.5	0	108	98	18.0	0	87	21.9	1	94	24.7	0
2850	Pioneer	38A57	W B R L	240	97	26.3	1		95	21.6	1	105	100	18.0	1	90	21.4	3	97	25.4	0
2850	Pioneer	P9512XR	W B D R L	238	103	27.2	0		99	22.3	0	99	100	18.0	0	98	22.7	0	99	26.3	0
2850	Pioneer	P9623HR	W B R L	231					95	21.7	0	104	99	18.0	0	88	21.9	0	98	25.3	1
2875	Hyland	HL B42R	B R	257	100	27.7	0		99	22.4	1	99	100	17.4	1	97	23.9	0	101	25.9	0
2900	Hyland	HL CVR64	B D R	245	101	26.2	0		100	21.4	1	97	106	16.7	2	95	22.1	0	100	25.5	0
2900	Maizex	MZ 3872B	B R L	260	102	26.4	1		96	21.0	1	102	89	16.7	2	99	21.7	0	97	24.5	0
2900	Maizex	MZ 3977CBR	B D R	251	97	27.4	2		96	22.7	4	100	97	18.1	12	94	23.6	0	97	26.3	1
2900	Masters Choice	MC-490		243	99	28.2	1		99	23.4	1	102	94	18.1	2	104	25.2	0	98	26.8	1
2900	Mycogen	2P484	B D R	237	96	26.1	0		92	21.2	1	100	94	17.0	0	88	22.9	1	95	23.6	1
2900	NK Brand	N29T-GT/CB/LL	B R L	234					105	20.3	2	100	114	17.6	3	100	20.7	1	104	22.6	2
2900	NK Brand	N34N-3000GT	B D R L	240					95	21.3	0	101	92	17.6	1	99	21.6	0	94	24.8	0
2900	Pickseed	2968GSX	W B D R L	239	96	26.5	0		98	22.1	0	101	101	17.7	0	99	23.0	0	95	25.7	0
2900	Pioneer	P9855HR	W B R L	240					101	22.5	0	99	105	18.0	1	101	23.0	0	98	26.4	1
2925	DEKALB	DKC48-37	B D R	244	96	27.1	1		94	21.8	2	102	92	17.7	5	93	21.9	0	97	25.9	0
2950	Country Farm	CF492R	R	228					95	22.3	1	101	92	17.2	1	100	24.4	1	94	25.4	1
2950	Country Farm	CF494VT3	B D R	225	95	28.2	0		92	22.8	1	100	96	17.2	1	85	24.5	0	95	26.9	2
2950	Country Farm	CF496GSX	W B D R L	230					97	22.3	1	98	106	18.0	1	93	23.7	0	95	25.2	2
2950	Hyland	HL CVR68	B D R	245	97	28.3	1		94	23.5	2	101	93	18.2	3	94	24.3	1	95	27.9	1
2950	Maizex	MZ 357		258	103	27.5	2		103	23.0	3	100	107	17.8	5	99	24.1	1	104	26.9	3
2950	Pioneer	37V63	W B D R L	250	104	27.0	1		101	22.4	2	101	101	18.2	6	101	23.4	0	103	25.7	0
2950	Pioneer	37Y14	W B D R L	241	105	27.1	1		103	22.4	1	100	108	18.0	3	103	23.1	0	101	26.1	1
2950	Pioneer	P9807HR	W B R L	256					105	22.8	0	98	99	17.8	0	105	24.2	0	110	26.3	0
2950	Pioneer	P9990XR	W B D R L	245	103	28.0	1		98	23.5	2	99	97	18.5	5	101	25.4	0	95	26.5	0
2950	PRIDE Seeds	A6842RR	R	242					98	22.1	1	101	106	17.7	2	91	22.6	1	98	26.0	1
2975	Country Farm	CF572HX	W B L	246	112	30.8	1		112	25.9	0	98	116	18.3	1	114	28.9	0	107	30.5	0
2975	Country Farm	CF574RHXT	W B D R L	251	102	30.7	2		100	25.9	1	98	98	19.8	2	91	27.5	0	109	30.5	0
2975	Hyland, Mycogen	8491	W B D R L	239					103	24.8	0	99	103	18.0	1	106	26.6	0	101	29.7	0
2975	Maizex	MZ 3969CBR	B D R	235	102	27.6	2		99	21.9	5	100	100	17.7	0	96	22.3	12	100	25.6	2
2975	NK Brand	N33R-GT/CB/LL	B R L	240					98	20.8	1	103	104	17.4	1	94	20.9	0	96	24.0	0
2975	NK Brand	N39M-3000GT	B D R L	224									92	17.1	0	101	25.1	0			
2975	PRIDE Seeds	A6843G3	B D R	236	97	27.5	0		99	21.8	0	102	103	17.9	0	99	23.0	0	95	24.6	0

Table 4 continued: Exeter, Ilderton, Thorndale, Woodstock

CHU	Brand and/or Hybrid	Trait	Plant Height (cm)	2009-2010 averages ¹				2010 averages ²				Results of 2010 Performance Trials								
				average of 7 trials				average of 3 trials				EXETER			THORNDALE			WOODSTOCK		
				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 %
3000	Country Farm CF558VT3	B D R	238	96	28.2	1		102	23.5	1	98	97	17.9	3	102	25.8	0	104	26.7	1
3000	DEKALB DKC49-94	W B D R L	234					100	24.0	0	100	97	17.0	1	98	25.7	0	102	29.3	0
3000	Elite 72Y67 RR	R	252	105	28.9	1		103	23.8	2	101	92	17.5	1	111	25.4	1	103	28.5	4
3000	Hyland HL B45R	B R	236					103	24.0	0	98	97	18.2	1	108	25.8	0	104	28.1	0
3000	Maizex MZ 409X		248					99	24.4	1	101	100	18.7	2	96	26.9	0	102	27.4	1
3000	NK Brand N44Q-GT/CB/LL	B R L	257					101	22.5	1	100	105	17.4	2	107	24.7	0	93	25.4	0
3000	Pioneer P0125R	R	263					108	22.4	0	100	109	18.4	0	103	22.3	0	111	26.6	1
3000	PRIDE Seeds A7057G3	B D R	247					105	24.7	1	102	110	18.7	1	101	27.1	0	106	28.5	0
3025	Maizex MZ 4275CBR	B D R	226	97	28.2	0		98	23.2	1	100	96	17.9	0	109	26.5	0	89	25.1	2
3050	Horizon HZ 1025Hx	W B L	258	95	30.5	1		91	25.3	2	97	89	18.9	4	88	27.1	1	95	29.7	0
3050	Hyland HL CVR74	B D R	231					100	24.1	1	96	107	18.3	2	100	26.6	0	95	27.3	0
3050	Hyland, Mycogen 8524	W B D R L	243					103	26.1	0	98	88	19.5	0	112	27.8	0	105	31.0	0
3050	Pioneer P0118HR	W B R L	243					109	23.0	0	98	105	18.4	1	113	23.6	0	107	27.0	0
3050	Pioneer P0125HR	W B R L	254					108	23.7	1	98	104	18.9	2	114	24.4	0	106	27.7	0
3050	PRIDE Seeds A7161G3	B D R	231	103	28.4	0		105	23.8	1	98	108	18.8	3	105	24.8	0	103	27.7	0
3075	DEKALB DKC50-45	W B D R L	255					110	26.0	0	97	105	19.8	0	114	28.0	0	109	30.1	0
3075	PRIDE Seeds A7143RR	R	244	99	30.0	0		95	24.9	1	99	92	18.5	0	92	26.7	1	100	29.5	1
3100	DEKALB DKC52-59	B D R	235	104	28.6	0		106	24.1	1	99	104	18.6	2	109	25.1	0	104	28.5	0
3100	DEKALB DKC52-62	R	242					106	23.8	0	100	104	18.5	1	104	25.5	0	109	27.5	0
3100	Maizex MZ 4266CBR	B D R	256	100	29.4	2		104	24.2	3	100	111	18.7	2	106	25.1	4	97	28.8	3
3100	Mycogen 2A551	W B D R L	258					104	26.0	0	99	100	19.4	1	105	28.2	0	107	30.3	0
3100	NK Brand N45A-3000GT	B D R L	241	103	28.0	1		103	23.4	3	100	111	18.2	8	102	24.6	0	99	27.3	1
3100	Pickseed 5685HxRR	W B R L	231	99	30.3	1		99	25.7	0	100	103	18.8	1	96	26.7	0	99	31.5	0
3100	PRIDE Seeds A7245G3	B D R	242	102	29.2	0		100	24.1	0	100	103	18.5	1	98	25.9	0	100	28.0	0
3125	NK Brand N49J-3000GT	B D R L	266					107	24.5	2	97	96	18.3	5	116	26.9	0	106	28.5	2
3150	DEKALB DKC53-41	B D R	250					104	24.7	1	98	92	18.5	3	112	27.1	0	105	28.6	0
3150	Hyland HL B49R	W B R L	230					99	25.7	0	99	96	18.3	1	100	27.5	0	99	31.4	0
3150	Hyland, Mycogen 8595	W B D R L	258					104	27.4	1	97	100	20.1	2	109	29.0	0	102	33.2	0
3150	Maizex MZ 4586CBR	W B D R L	257	101	32.0	0		104	28.0	0	96	105	20.9	0	106	29.5	0	100	33.6	0
3200	Maizex MZ 5288CBR	B D R	268	98	30.9	1		103	26.8	3	101	91	17.8	8	108	28.7	0	107	34.0	0
3225	DEKALB DKC56-33	W B D R L	247									94	19.8	1	105	26.8	0			
	LSD (0.10) for Yield Index Points*			3				4				7			8			6		
	Average all hybrids **		244	196	28.1	1		206	23.3	1	69	165	18.1	2	219	24.6	1	234	27.2	1
	European Corn Borer Pressure											Low		Low			Low			

1 Exeter 2009-2010, Ilderton 2009, Thorndale 2009-2010, Woodstock 2009-2010

2 Exeter, Thorndale, Woodstock

* 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.