

Table 4: Exeter, Ilderton, Woodstock, Belmont

2016 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		Notes	2015-2016 averages ¹				2016 averages ²				Results of 2016 Performance Trials											
				average of 8 trials				average of 4 trials				BELMONT			EXETER			ILDERTON			WOODSTOCK		
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2825	Legend Seeds	LR 9994 VT2PRIB	B R O	91	20.4	1	104	94	21.4	0	104	93	21.2	1	89	20.8	1	93	20.6	0	99	23.1	0
2825	Pioneer	P9526AMX	Ws B D R L O	91	20.6	4	101	89	21.9	0	101	92	22.3	0	91	21.0	1	86	21.1	0	85	23.2	0
2850	Horizon	HZ 922	Ws B D R O	95	20.3	4	100	97	21.4	2	101	93	22.0	1	97	20.5	2	100	19.9	5	99	23.2	1
2850	Maizex	MZ 3522DBR	B R O	94	20.4	0	101	94	21.3	1	102	94	21.7	0	98	20.1	0	92	20.9	1	93	22.6	1
2850	NK Brand	N35T-3110	Wc B R L	103	21.3	1	103	103	22.9	0	102	97	23.3	0	101	21.8	0	104	21.6	0	111	24.9	0
2875	Legend Seeds	LS 5695 Conv.		99	20.4	2	99	101	21.8	1	100	102	22.6	2	98	20.9	1	96	21.3	1	107	22.4	0
2875	PICKSEED	PS 2818GSX RIB	Ws B D R L O	101	20.1	1	100	102	21.4	0	101	102	22.5	0	95	20.4	1	106	20.2	1	105	22.3	0
2875	Pioneer	P9644AM	Ws B R L O	97	21.8	1	100	92	23.6	0	98	91	24.9	0	98	22.0	0	89	22.4	0	88	25.1	1
2900	Horizon	HZ 3790	R					97	21.4	5	102	98	22.2	3	102	21.1	8	92	20.3	3	98	21.9	7
2900	Legend Seeds	LR 9496 GENSSRIB	B D R O	93	20.7	1	102	92	21.7	0	103	89	21.4	1	92	21.7	0	97	20.2	0	91	23.4	1
2900	Legend Seeds	LR 9697 GENSSRIB	B D R O					94	21.8	0	100	98	21.9	0	99	20.5	0	88	20.8	0	92	24.0	1
2900	Legend Seeds	LR 9697 VT2PRIB	B R O									98	20.9	1	103	20.6	0	99	22.5	0			
2925	Country Farm	CF474	Ws B D R L O	98	20.4	0	101	100	21.7	0	102	98	22.1	0	98	20.7	0	98	20.8	0	107	23.1	0
2925	Pioneer	P9644AMX	Ws B D R L O	94	21.5	1	101	92	23.0	1	100	95	23.7	0	94	22.3	0	96	21.2	1	84	24.8	3
2925	Pioneer	P9840AM	Ws B R L O	102	20.8	2	98	103	22.1	1	99	97	23.2	1	101	19.4	2	102	21.4	2	111	24.5	0
2925	PRIDE Seeds	A6757G8 RIB	Ws B D R L O	102	21.1	1	101	101	22.2	0	102	107	22.5	0	98	21.6	0	100	21.4	1	100	23.3	0
2950	Dow Seeds	DS97B47RA	Ws B D R L O	95	20.6	1	99	97	21.3	1	99	96	21.2	1	93	20.4	1	87	21.2	1	112	22.4	0
2950	Maizex	MZ 3964DBR	B R O	102	20.6	1	99	103	21.3	0	101	104	22.0	0	99	20.8	0	103	20.5	0	105	22.0	1
2975	DEKALB	DKC50-78RIB	B R O	103	20.9	0	102	100	21.9	0	102	102	22.6	0	96	20.1	0	98	21.3	0	105	23.6	0
3000	Dow Seeds	8445RA	Ws B D R L O	96	22.1	1	97	99	23.6	0	98	94	24.2	1	97	22.3	0	102	22.7	1	106	25.3	0
3000	Dow Seeds	8486RA	Ws B D R L O	96	21.5	0	99	100	22.7	1	100	98	22.7	0	97	21.3	0	104	21.3	2	102	25.5	0
3000	Elite	E70G30 LR	Ws B D R L O	101	21.2	1	100	102	22.2	0	101	102	22.3	0	100	20.7	0	109	21.4	1	98	24.4	0
3000	Horizon	HZ 1026A	B D R L	101	21.6	2	99	101	22.6	0	99	102	23.5	0	104	21.3	1	99	21.3	0	101	24.5	0
3000	Horizon	HZ 1028						99	22.7	0	101	98	23.7	1	97	21.0	0	95	21.9	0	105	24.2	0
3000	PICKSEED	PS 3035VT2P RIB	B R O	102	21.9	1	99	100	22.9	1	99	105	24.1	0	106	21.6	0	96	21.8	2	92	24.0	0
3000	Pioneer	P0157AM	Ws B R L O	106	22.6	0	100	107	23.6	0	100	111	24.2	0	102	22.1	0	108	23.0	0	106	24.9	1
3025	Horizon	HZ 1040	Wc B D R L					98	22.6	0	99	103	23.5	0	98	21.3	0	101	21.1	1	92	24.5	0
3050	DEKALB	DKC50-90RIB	Ws B D R L O	98	21.5	0	101	94	22.6	0	101	96	22.8	0	97	22.2	0	93	22.0	1	90	23.5	0
3050	Dow Seeds	DS01C77RA	Ws B D R L O	97	22.0	1	99	97	23.1	1	100	99	24.4	1	93	22.1	1	92	21.9	1	105	24.0	1
3050	Dow Seeds	DS01D87RA	Ws B D R L O					95	23.4	0	98	94	24.0	0	98	21.4	0	98	23.0	0	90	25.1	0
3050	Dow Seeds	DS02J57RA	Ws B D R L O	101	22.8	2	97	103	23.7	0	96	103	24.1	1	105	22.8	1	109	22.7	0	97	25.1	0
3050	Maizex	MZ 4092DBR	B R O	97	21.1	1	102	97	22.2	1	102	95	22.6	3	94	20.9	0	96	21.2	3	101	24.0	0
3050	Maizex	MZ 4280DBR	B R O					109	22.5	1	100	109	23.5	1	103	21.7	0	103	21.1	2	118	23.6	0
3050	NK Brand	N45P-3011A	B D R L	100	21.2	0	102	99	21.5	0	103	97	22.0	0	101	20.1	0	91	21.0	0	105	22.9	1
3050	Pioneer	P0157AMXT	Ws B D R L O					107	23.4	0	100	109	23.7	0	107	22.6	0	109	23.4	0	103	23.9	1
3050	PRIDE Seeds	A7171G2 RIB	B R O					103	23.7	0	100	100	25.1	0	106	22.4	0	111	22.7	1	96	24.6	0

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3075	PRIDE Seeds	A7270G8 RIB	Ws B D R L O	103	23.0	2	99	100	24.0	0	99	99	24.8	0	105	22.9	0	99	23.0	1	98	25.2	0
3100	DEKALB	DKC52-84RIB	Ws B D R L O	99	21.3	2	98	98	22.7	0	98	97	23.6	1	101	21.6	1	97	21.9	0	95	23.7	1
3100	DEKALB	DKC53-72RIB	Ws B D R L O					99	21.5	0	103	101	22.0	0	100	20.7	0	96	21.0	0	101	22.2	0
3100	Horizon	HX 14229Z	Ws B D R O					103	24.2	1	94	96	25.1	2	101	24.8	1	110	22.6	1	104	24.2	1
3100	Legend Seeds	LS 9104 GT	R												96	23.3	1	99	23.3	3	91	24.7	4
3100	Maizex	MZ 4324SMX	Ws B D R L O	104	23.5	0	100	104	24.2	0	101	103	24.0	0	103	22.8	0	111	23.1	1	102	26.7	0
3100	Maizex	MZ 4343DBR	B R O					103	24.8	0	101	108	25.2	0	103	24.5	1	103	24.3	0	97	25.3	1
3100	Maizex	MZ 4525SMX	Ws B D R L O	104	22.7	2	98	103	23.6	0	98	107	24.2	1	103	24.0	0	111	22.8	0	93	23.3	0
3100	NK Brand	N50D 3010	B R L					102	22.3	4	103	102	23.6	6	105	21.8	6	93	21.8	4	107	22.1	0
3100	PICKSEED	PS 3155GSX RIB	Ws B D R L O	104	24.5	1	101	101	26.3	0	101	99	25.6	0	104	25.2	0	101	24.9	1	101	29.4	0
3100	Pioneer	P0216AM	Ws B R L O	107	22.2	0	98	108	23.5	0	97	107	23.9	0	103	22.9	0	109	23.0	0	111	24.1	0
3100	Pioneer	P0496AMX	Ws B D R L O	100	22.1	1	101	101	22.6	2	101	102	23.1	1	102	21.1	0	107	22.0	0	95	24.0	7
3125	Country Farm	CF626	Ws B D R L O	97	20.9	2	101	97	21.9	1	102	91	22.1	4	96	20.8	1	98	21.2	0	103	23.5	0
3125	DEKALB	DKC53-56RIB	Ws B D R L O	102	22.7	0	100	99	23.2	0	100	97	24.6	0	95	22.6	0	107	22.4	1	97	23.3	0
3125	Legend Seeds	LR 9203 GENSSRIB	B D R O					93	24.4	1	100	92	24.2	1	98	23.1	2	97	23.7	1	84	26.5	0
3125	Legend Seeds	LR 9503 GENSSRIB	B D R O					96	24.2	1	99	91	24.5	1	100	22.9	0	97	23.0	1	94	26.5	1
3150	Country Farm	CF662	R	102	21.7	2	101	101	22.1	0	102	101	22.9	0	97	21.0	1	106	21.4	1	101	22.9	0
3150	DEKALB	DKC54-11RIB	B R O					100	23.0	2	99	105	23.6	0	101	22.1	1	100	22.6	0	93	23.7	6
3150	Pioneer	P0506AM	Ws B R L O	104	22.8	1	99	103	23.3	2	100	108	24.2	0	103	23.0	0	102	22.1	0	98	23.9	7
3175	DEKALB	DKC55-05RIB	B R O					106	24.2	0	100	108	25.5	0	107	23.1	0	108	23.2	1	102	24.9	0
3175	Legend Seeds	LR 9106 GENSSRIB	B D R O					93	26.3	0	96	98	26.9	0	90	26.0	0	98	24.9	0	87	27.4	1
3175	PRIDE Seeds	A7615G8 RIB	Ws B D R L O	105	23.5	1	100	106	24.7	1	100	98	25.0	1	108	24.9	1	108	24.1	1	110	24.7	0
3175	PRIDE Seeds	XP16105	B R					104	23.8	0	99	104	24.9	1	112	22.8	0	101	22.3	0	100	25.0	0
3200	Legend Seeds	LR 9608 GENSSRIB	B D R O					105	24.5	1	98	107	25.8	1	104	23.7	1	100	23.6	1	109	25.0	0
3200	Legend Seeds	LS 5608 Conv.													106	23.9	0	97	23.7	1	105	26.0	0
3200	Maizex	MZ 4676DBR	B R O	112	24.1	1	97	111	25.2	0	95	112	25.5	0	110	24.9	1	103	24.2	1	120	26.1	0
3250	DEKALB	DKC57-75RIB	Ws B D R L O					99	26.8	0	97	99	27.8	2	101	25.9	0	92	25.2	0	104	28.1	0
3275	DEKALB	DKC58-06RIB	Ws B D R L O					104	26.0	1	100	105	27.3	0	105	25.1	0	106	24.9	2	100	26.7	1
LSD (0.10) for Yield Index Points*				3				5				7			6			11			12		
Average all hybrids **				217	21.7	1	69	209	23.0	1	66	227	23.7	1	206	22.1	1	193	22.1	1	210	24.3	1

¹ Exeter 2015-2016, Ilderton 2015-2016, Woodstock 2015-2016, Belmont 2015-2016

² Exeter, Ilderton, Woodstock, Belmont

* 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.

Note: The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.