

**Table 4: Exeter, Ilderton, Woodstock, Belmont**

**2017 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2016-2017 averages <sup>1</sup>				2017 averages <sup>2</sup>				Results of 2017 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 %
2800	Horizon	HZ 912	0	F					101	26.2	3	98	109	25.3	1	103	29.9	10	93	22.7	2	102	27.1	0
2850	Legend Seeds	LS 9495 VT2PRIB	4	C					85	25.7	2	101	76	23.7	3	92	29.8	5	82	23.5	0	91	25.9	0
2850	NK Brand	NK9535 3110	22	C	105	23.9	2	103	108	25.0	4	104	114	24.8	2	114	27.3	14	104	24.5	1	103	23.3	0
2850	Pioneer	P9608AM	23	L												79	27.7	10	96	20.8	2	97	23.7	0
2850	Pioneer	P9608AMXT	24	L												88	28.6	5	96	22.3	3	89	25.7	0
2850	Pioneer	P9621AMXT	24	L					103	24.7	7	98	101	23.8	2	106	25.1	25	99	22.5	0	108	27.6	2
2875	Legend Seeds	LS 5695 Conv.	0	C	100	23.4	7	99	100	25.0	14	99	84	23.9	7	107	27.8	45	108	21.3	2	104	27.1	1
2875	NK Brand	NK9659 3120	28	C					101	24.9	11	102	95	24.6	12	104	27.1	19	106	22.7	8	102	25.3	3
2875	PICKSEED	PS 2818GSX RIB	8	A	100	23.2	1	100	99	25.1	2	99	97	23.7	0	105	29.6	5	95	22.6	2	100	24.6	0
2900	Elite	E67H92 R	6	P5					100	26.4	1	100	98	24.4	1	107	29.5	4	100	25.2	0	97	26.4	0
2900	Legend Seeds	LR 9697 GENSSRIB	8	C	94	23.1	0	99	94	24.4	1	99	93	23.9	0	98	25.6	0	92	21.9	2	94	26.1	1
2900	Legend Seeds	LR 9697 VT2PRIB	8	C					95	24.7	4	100	97	23.1	2	94	29.1	15	91	22.2	0	98	24.4	2
2900	Pioneer	P9840AMXT	24	L												99	25.8	6	87	21.7	2	95	26.4	0
2925	Country Farm	CF474	8	A	99	23.4	0	101	99	25.1	1	100	104	24.7	0	101	28.1	3	99	21.7	1	96	25.9	0
2925	Country Farm	CF487	6	A					98	26.1	3	100	105	24.7	1	95	29.0	8	96	22.4	2	96	28.4	2
2925	Pioneer	P9840AM	23	L												86	27.5	12	90	23.5	2	100	25.7	1
2925	PRIDE Seeds	A6888G2 RIB	6	A					101	25.2	3	101	100	22.6	0	99	29.1	13	100	23.6	1	104	25.2	0
2950	Dow Seeds	DS97B47RA	8	C	96	23.3	4	99	95	25.4	7	98	100	24.2	0	86	29.2	26	90	22.0	1	103	26.1	0
2950	Maizex	MZ 3818DBR	6	F					92	26.8	2	99	90	25.6	0	106	27.9	6	94	24.6	3	84	29.3	0
2950	Maizex	MZ 3964DBR	6	F	100	23.6	1	100	98	25.9	3	100	101	25.9	2	98	27.8	7	98	23.1	1	95	26.7	1
2950	Pioneer	P9998AM	23	L					101	26.0	2	101	100	25.0	1	99	26.8	6	101	23.8	1	105	28.4	0
2950	PRIDE Seeds	A6757G8 RIB	8	A	101	23.8	2	101	102	25.5	4	100	93	23.8	0	105	29.3	14	107	22.5	0	104	26.4	0
3000	Elite	E70G30 LR	8	C	104	24.6	1	100	107	27.0	1	99	109	25.5	0	113	29.6	3	109	23.8	0	100	29.0	0
3000	Horizon	HZ 1028	0	F	101	24.2	4	102	104	25.8	7	102	106	25.0	4	92	28.3	25	108	21.9	0	108	28.0	1
3000	Horizon	HZ 4010	27	F					100	26.5	3	100	103	24.6	0	101	30.0	10	97	24.1	2	100	27.3	0
3000	PICKSEED	PS 3035VT2P RIB	6	A	101	25.2	1	99	103	27.4	2	99	101	25.8	1	106	30.1	6	106	24.4	0	101	29.4	0
3000	Pioneer	P0157AM	23	L	100	24.6	2	100	94	25.6	3	100	98	24.5	1	83	28.0	9	99	22.8	1	96	27.2	1
3000	Pioneer	P9998AMXT	24	L					105	25.5	2	101	106	23.5	1	107	28.1	5	106	23.4	1	102	26.9	0
3000	PRIDE Seeds	A7171G2 RIB	6	A	103	25.0	2	100	105	26.2	4	100	108	24.7	1	108	28.5	15	101	24.5	0	104	27.3	2
3025	Horizon	HZ 1040	20	F	101	23.8	3	100	103	25.0	7	102	110	23.1	4	96	28.3	22	110	23.5	0	98	25.2	0
3025	Legend Seeds	LS 5601 Conv.	0	C					102	26.7	7	103	97	24.7	4	95	30.5	16	107	24.3	10	108	27.1	0
3050	Country Farm	CF610	0	A	97	24.0	4	100	101	25.3	7	101	106	24.5	5	107	27.4	17	95	22.9	2	98	26.3	2
3050	DEKALB	DKC50-26RIB	8	P5					98	26.1	2	102	108	24.3	0	97	27.8	7	94	23.3	1	94	28.9	1
3050	Dow Seeds	DS01C77RA	8	C	99	24.7	1	100	102	26.4	1	101	102	25.0	0	111	28.7	0	105	24.8	2	94	27.1	0
3050	Dow Seeds	DS01D87RA	8	C	94	25.2	0	98	94	27.0	0	98	89	25.6	0	97	31.5	2	97	23.2	0	95	27.6	0
3050	Horizon	HZ 4255	14	F					99	26.4	20	99	103	24.7	0	90	29.8	73	100	23.5	7	100	27.7	1
3050	Maizex	MZ 4280DBR	6	F	106	24.2	2	101	104	25.9	4	102	94	25.2	1	112	28.5	14	99	24.6	1	113	25.2	0
3050	NK Brand	NK0199 3122A	26	C	97	23.8	2	102	96	26.1	3	100	95	24.6	1	86	30.3	9	96	25.5	0	104	24.0	1
3050	Pioneer	P0157AMXT	24	L	101	25.1	1	101	97	26.7	2	101	101	25.8	0	110	26.9	7	91	23.9	0	91	30.3	0
3075	PRIDE Seeds	A7270G8 RIB	8	A	101	25.5	4	99	102	27.1	9	99	105	25.0	0	97	30.3	32	100	24.5	2	106	28.7	0

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				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 %	Yield Index
3100	Country Farm	CF611	4	A	97	23.2	6	100	97	25.0	11	100	89	25.1	1	87	26.3	38	116	23.0	3	94	25.8	2
3100	DEKALB	DKC52-84RIB	8	P5	96	24.3	1	98	95	25.9	2	98	86	23.6	1	118	29.9	4	90	23.7	1	93	26.6	0
3100	Dow Seeds	DS02J57RA	8	C	103	25.1	1	98	103	26.5	2	99	95	25.1	5	96	29.1	4	113	24.4	1	106	27.4	1
3100	Maizex	MZ 4343DBR	6	F	101	25.2	4	102	100	25.6	7	102	85	25.1	0	105	27.2	26	108	23.3	2	104	26.9	1
3100	Maizex	MZ 4368SMX	8	F					98	26.9	8	99	104	24.9	0	96	29.7	32	99	23.7	1	95	29.1	1
3100	Maizex	MZ 4525SMX	8	F	101	25.3	5	98	99	27.1	11	99	104	26.3	0	100	30.1	39	97	24.5	4	96	27.3	0
3100	NK Brand	NK0327 3120	28	C	99	23.4	9	104	97	24.5	14	104	103	23.8	14	102	26.2	31	87	22.3	11	99	25.7	1
3100	PICKSEED	PS 3155GSX RIB	8	A	98	27.0	4	100	96	27.8	7	99	93	26.1	0	92	30.4	28	107	24.6	1	93	30.2	0
3100	Pioneer	P0306AM	23	L					100	26.3	8	100	100	25.2	1	108	29.0	30	99	24.4	0	98	26.4	0
3125	Country Farm	CF626	8	A	97	23.4	2	101	97	24.9	2	100	93	24.3	4	103	27.7	5	98	22.4	0	98	25.3	0
3125	DEKALB	DKC53-56RIB	8	P5	99	25.3	1	100	99	27.3	2	100	84	23.8	0	104	30.0	10	112	26.0	0	99	29.6	0
3125	Dow Seeds	DS04Y97RA	8	C					101	27.1	6	98	99	26.0	5	105	30.3	16	103	24.9	0	99	27.4	2
3125	Legend Seeds	LR 9203 GENSSRIB	8	C	94	25.7	2	99	96	27.0	4	99	93	25.6	1	101	31.2	15	94	24.4	0	98	27.0	0
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	95	25.5	1	99	95	26.9	1	99	88	25.4	2	109	27.6	3	91	24.9	0	96	29.5	0
3125	Pioneer	P0414AM	23	L					107	27.1	7	98	115	26.1	1	99	28.3	27	99	24.7	1	114	29.2	0
3125	Pioneer	P0574AMXT	24	L					101	26.9	7	100	98	25.7	0	101	27.9	24	107	24.4	4	99	29.5	0
3150	Country Farm	CF660	0	A					100	26.1	11	100	111	23.4	0	95	30.2	41	99	23.3	1	95	27.3	0
3150	Country Farm	CF662	14	A	97	24.4	4	101	94	26.8	8	100	93	25.0	0	89	30.5	27	95	23.3	6	98	28.5	0
3150	CROPLAN	4488SS/RIB	8	A					109	27.9	6	100	108	25.5	1	114	32.1	19	109	24.2	2	107	29.6	1
3150	De Dell	DL 6207	0	-					107	29.5	6	98	112	28.0	1	111	31.1	18	103	28.1	5	102	31.0	1
3150	Legend Seeds	LR 9705 GENSS	8	C					94	26.2	3	102	90	24.4	2	89	30.6	9	96	23.3	1	102	26.6	0
3150	Pioneer	P0506AM	23	L	102	25.5	3	100	102	27.6	4	99	115	25.5	0	86	30.6	15	107	25.3	1	98	29.0	1
3150	Pioneer	P0574AM	23	L					102	28.0	7	99	111	26.2	0	88	30.9	27	105	24.2	0	104	30.8	2
3175	DEKALB	DKC55-05RIB	6	A	104	25.4	3	99	103	26.6	6	99	103	25.9	0	103	29.8	20	97	23.5	6	109	27.3	0
3175	PRIDE Seeds	A7615G8 RIB	8	A	99	26.0	1	100	94	27.4	1	101	95	25.3	0	90	31.3	2	96	23.6	0	95	29.3	0
3200	Legend Seeds	LR 9608 GENSSRIB	8	C	102	26.7	4	99	100	28.8	8	100	99	25.8	6	104	30.7	23	101	27.0	2	99	31.7	1
3200	Maizex	MZ 4511DBR	6	F					107	28.1	5	100	111	26.8	0	103	29.9	18	105	28.7	2	109	27.0	1
3200	Maizex	MZ 4676DBR	6	F	112	26.3	4	97	113	27.5	8	99	113	26.6	0	111	30.2	27	116	25.5	4	113	27.6	0
3275	DEKALB	DKC58-06RIB	8	P5	107	27.0	7	101	111	28.0	13	102	109	24.4	5	116	31.4	43	112	25.1	4	109	31.0	1
3300	DEKALB	DKC59-49RIB	8	A					97	29.2	1	98	102	26.8	0	98	31.8	3	93	26.3	1	98	31.9	1
LSD (0.10) for Yield Index Points*					3				5				11			9			9			8		
Average all hybrids **					222	24.7	3	66	234	26.4	5	65	240	24.9	2	194	29.0	16	243	23.8	2	257	27.4	0

<sup>1</sup> Exeter 2016-2017, Ilderton 2016-2017, Woodstock 2016-2017, Belmont 2016-2017    <sup>2</sup> 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.

For example, when the LSD for yield is 10, two hybrids with indexes of 110 and 101 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.