

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

**2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee**

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages <sup>1</sup>				2018 averages <sup>2</sup>				Results of 2018 Performance Trials								
					average of 7 trials				average of 3 trials				BELMONT			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 %
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	84	23.8	3	101	84	21.1	5	101	71	21.4	13	89	20.7	0	93	21.3	1
2850	NK Brand	NK9535 3220	27	C	106	23.8	2	103	103	22.2	0	101	108	22.7	0	95	21.8	0	105	22.0	1
2850	Pioneer	P9608AM	23	L					95	22.0	0	105	97	22.5	1	88	21.6	0	99	21.9	0
2850	Pioneer	P9608AMXT	24	L					87	21.6	1	104	85	22.2	3	84	21.0	0	92	21.8	0
2850	Pioneer	P9621AMXT	24	L	104	23.8	5	98	105	22.5	2	98	106	23.4	5	100	21.8	0	108	22.2	0
2875	CROPLAN	3899VT2P/RIB	6	A					100	21.9	1	100	101	22.9	0	100	20.6	1	99	22.3	3
2875	NK Brand	NK9659 3120	28	C	99	23.6	9	102	96	21.7	6	101	85	23.1	13	101	20.4	1	102	21.7	6
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					104	22.7	0	100	100	24.5	1	109	21.4	0	104	22.2	0
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	93	23.4	4	100	90	21.6	3	99	95	22.9	7	85	20.0	0	91	22.0	2
2900	NK Brand	NK9738 3010	19	C					104	21.9	2	100	100	22.6	1	107	21.2	1	106	21.9	4
2900	Pioneer	P9840AMXT	24	L					94	21.6	14	101	89	22.5	37	92	21.1	5	101	21.3	2
2925	Country Farm	CF474	8	F	97	23.6	1	100	95	21.7	0	100	94	22.5	0	94	21.5	0	96	21.1	1
2925	Country Farm	CF487	6	F	97	24.0	2	101	97	21.1	0	102	107	22.1	0	92	20.2	0	92	21.2	1
2925	Pioneer	P9840AM	23	L					97	21.7	2	99	93	23.0	7	100	20.2	0	99	21.8	1
2925	PRIDE Seeds	A6888G2 RIB	6	F	98	23.6	2	101	96	21.6	0	101	93	23.0	0	92	19.9	0	101	21.8	0
2925	PRIDE Seeds	XP18099G2	6	A					94	22.1	3	100	93	23.4	8	90	20.8	0	98	22.0	1
2950	Brevant	DS97B47RA	8	C	91	23.9	4	98	86	21.9	1	98	86	23.0	3	82	20.5	0	90	22.3	0
2950	CROPLAN	3909SS/RIB	8	A					99	22.1	1	100	100	23.5	0	90	21.0	1	105	21.8	1
2950	CROPLAN	4079SS/RIB	8	A					97	21.8	6	101	99	22.8	2	98	21.0	1	94	21.7	15
2950	De Dell	DL 4555	0	-					94	23.6	0	99	102	24.3	0	92	21.5	1	88	24.9	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					108	21.9	2	98	111	23.4	0	106	20.3	1	106	22.0	4
2950	Maizex	E69K50 LR	8	C					102	22.6	0	101	108	23.7	0	91	21.4	0	105	22.7	0
2950	Maizex	MZ 3818DBR	6	F	96	24.7	1	99	102	21.8	0	99	104	23.1	0	98	20.3	0	104	22.0	0
2950	Maizex	MZ 3877SMX	8	F					102	21.5	1	101	97	22.9	2	111	19.9	0	99	21.6	2
2950	Maizex	MZ 3964DBR	6	F	96	24.0	2	100	94	21.5	1	99	90	22.7	0	90	20.2	0	99	21.7	1
2950	Pioneer	P9998AM	23	L	100	24.6	2	101	100	22.7	1	101	102	23.0	3	97	22.4	0	100	22.7	1
2950	PRIDE Seeds	A6757G8 RIB	8	F	103	23.9	2	101	105	21.7	0	101	103	22.4	1	107	20.8	1	103	21.8	0
2975	De Dell	DL 4902	0	-					95	23.0	1	98	99	24.5	3	93	21.5	0	94	23.1	1
2975	DEKALB	DKC49-09RIB	6	L					105	21.9	1	102	103	23.0	2	109	21.1	0	103	21.6	1
3000	Country Farm	CF18402	8	F					99	22.0	0	103	98	23.2	1	96	21.2	0	103	21.7	0
3000	DLF PICKSEED	PS 3035VT2P RIB	6	L	103	25.2	1	99	103	22.2	1	100	105	23.3	1	98	21.0	1	104	22.4	0
3000	Horizon	HZ 4010	27	F	99	24.7	2	100	99	22.4	1	99	100	24.2	2	97	20.7	0	99	22.2	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					103	22.3	1	100	105	23.7	0	110	20.8	2	96	22.3	0
3000	Maizex	E70G30 LR	8	C	104	24.6	1	99	100	21.5	2	99	98	21.9	0	95	20.5	2	106	22.2	3
3000	Pioneer	P0157AM	23	L	97	24.2	2	101	101	22.2	1	101	98	23.6	2	103	20.5	0	100	22.7	1
3000	Pioneer	P9998AMXT	24	L	105	24.3	1	101	105	22.8	0	101	121	23.6	0	88	21.6	0	104	23.3	0
3000	PRIDE Seeds	A7171G2 RIB	6	F	104	24.8	2	100	103	22.8	0	100	105	23.7	0	104	21.9	0	99	22.8	0
3025	Horizon	HZ 1040	20	F	96	23.7	9	101	87	21.9	11	100	77	22.5	33	93	21.2	0	91	22.1	1
3025	Horizon	HZ 4101	27	F					99	23.5	2	99	96	24.9	1	107	22.1	2	94	23.4	3
3050	Brevant	B00R25PW	29	C					104	22.8	0	99	105	24.3	0	105	21.3	0	101	23.0	1
3050	Brevant	B01R72SX	8	C	99	24.8	1	100	94	22.8	1	99	99	23.8	2	87	21.6	0	96	22.9	1

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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 %
3050	Country Farm CF610	0	F	99	24.3	5	100	97	23.0	2	99	97	23.7	4	100	21.6	1	94	23.6	3
3050	CROPLAN 4188SS/RIB	8	A					100	22.1	1	99	107	23.7	0	99	20.6	2	95	21.9	1
3050	DEKALB DKC50-26RIB	8	L	100	24.3	2	102	102	22.0	1	103	101	23.1	0	100	21.1	0	104	21.8	2
3050	Horizon HZ 4255	14	F	97	24.8	21	99	95	22.6	23	101	82	24.2	56	107	21.1	3	98	22.4	9
3050	Maizex MZ 4158DBR	6	F					99	22.9	1	99	97	23.9	3	106	22.0	0	96	22.6	0
3050	Maizex MZ 4280DBR	6	F	106	24.7	3	101	109	23.3	1	100	116	24.0	2	105	21.8	0	105	24.0	2
3050	Pioneer P0157AMXT	24	L	101	25.2	1	101	106	23.2	0	102	110	23.9	0	102	22.5	0	105	23.3	1
3075	Horizon HZ 4398	27	F					97	24.0	2	97	95	25.1	1	106	21.5	0	92	25.4	4
3075	PRIDE Seeds A7270G8 RIB	8	F	101	25.3	5	100	100	23.0	1	100	108	24.5	1	91	21.4	1	99	23.1	0
3100	Brevant DS02J57RA	8	C	103	25.6	2	98	103	24.4	1	97	109	25.0	1	102	23.0	2	98	25.3	1
3100	Country Farm CF611	4	F	95	23.7	8	100	93	22.0	4	100	93	23.3	8	88	21.2	0	97	21.4	3
3100	DEKALB DKC52-84RIB	8	L	95	24.2	1	99	94	21.8	1	100	93	23.0	1	90	20.7	0	98	21.8	1
3100	DLF PICKSEED PS 3155GSX RIB	8	L	101	26.0	4	100	107	23.6	0	101	109	24.5	0	114	22.3	0	99	24.0	0
3100	Legend Seeds LR 9903 GENSSRIB	8	P5					101	22.0	3	99	94	22.8	6	104	20.9	2	106	22.4	2
3100	Maizex E75K60 LR	8	P5					108	24.5	0	100	105	25.2	0	111	23.3	0	109	24.9	0
3100	Maizex MZ 4343DBR	6	F	102	24.5	4	102	105	23.1	0	100	106	24.4	0	107	21.1	0	104	23.8	1
3100	Maizex MZ 4368SMX	8	F	100	25.0	5	100	103	22.6	1	100	103	24.0	3	99	21.4	0	106	22.3	1
3100	Pioneer P0306AM	23	L	104	24.5	6	100	108	22.2	4	100	108	22.5	10	116	21.6	1	103	22.6	1
3125	Brevant B04R96SX	8	C	98	25.7	5	98	94	23.9	4	99	90	24.9	7	97	22.8	1	96	23.9	4
3125	Country Farm CF626	8	F	97	23.8	1	101	96	22.2	0	101	102	23.9	0	83	21.1	0	101	21.7	1
3125	DEKALB DKC53-56RIB	8	L	100	25.4	2	100	100	22.9	1	100	96	24.0	3	101	22.2	0	103	22.5	0
3125	Legend Seeds LR 9503 GENSSRIB	8	C	96	25.1	1	99	96	22.7	2	99	98	23.9	1	98	21.5	1	94	22.7	3
3125	Pioneer P0414AM	23	L	105	25.7	10	99	104	23.8	13	101	93	25.1	37	109	22.0	1	109	24.4	1
3125	Pioneer P0574AMXT	24	L	100	25.5	7	100	100	23.7	7	101	97	24.4	19	105	22.1	1	97	24.5	0
3150	De Dell DL 6207	0	-	106	27.4	6	98	105	24.6	6	98	105	25.7	16	111	22.9	0	101	25.2	2
3150	Pioneer P0506AM	23	L	103	25.9	3	99	104	23.5	1	99	112	24.2	2	104	22.5	0	95	23.9	1
3150	Pioneer P0574AM	23	L	100	26.4	12	99	97	24.3	19	100	100	24.8	57	93	22.9	1	98	25.1	0
3175	DEKALB DKC55-05RIB	6	L	103	24.7	5	100	103	22.2	4	100	98	23.8	10	111	20.6	1	102	22.3	1
3175	PRIDE Seeds A7373G2 RIB	6	F					112	24.0	2	100	116	24.3	4	118	22.8	0	103	25.0	2
3200	Legend Seeds LR 9608 GENSSRIB	8	C	101	26.6	8	99	102	23.5	9	99	102	24.0	24	107	21.8	2	99	24.8	1
3200	Maizex MZ 4623SMX	8	F					101	24.0	0	97	102	24.8	0	105	21.9	0	97	25.4	1
3200	Maizex MZ 4676DBR	6	F	111	26.0	5	99	109	24.0	1	99	113	25.5	0	102	21.7	0	112	24.9	3
3275	DEKALB DKC58-06RIB	8	L	110	26.8	9	102	108	25.2	4	101	106	25.2	9	113	23.7	0	106	26.7	2
3275	Legend Seeds LR 99A09 VIP 3220 EZ	27	C					108	25.2	5	98	103	26.1	7	119	23.4	0	104	26.0	8
3300	DEKALB DKC59-50RIB	6	L					110	25.3	2	98	112	25.2	4	108	23.6	1	109	27.2	2
LSD (0.10) for Yield Index Points*				4				6				11			11			8		
Average all hybrids **				234 24.7 4 65				232 22.7 3 66				236 23.7 6			214 21.4 0			246 22.9 2		

<sup>1</sup> Exeter 2017, Ilderton 2017-2018, Woodstock 2017-2018, Belmont 2017-2018

<sup>2</sup>, 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.