

Table 2: Elora, Port Hope, Winchester, Wingham 2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages ¹				2018 averages ²				Results of 2018 Performance Trials											
					average of 7 trials				average of 4 trials				ELORA			PORT HOPE T2			WINCHESTER T2			WINGHAM		
					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 %
2350	Legend Seeds	LR 9976 VIP 3110	22	C					72	20.6	1	105	71	25.0	1	75	18.8	0	73	18.1	4	69	20.4	0
2425	Legend Seeds	LR 9980 VT2PRIB	6	P5					85	20.8	1	103	84	25.4	1	88	19.0	1	91	18.8	2	78	19.9	1
2500	Brevant	B83R15PW	29	C	87	21.6	10	102	85	20.6	15	101	78	24.4	9	85	19.3	43	93	19.2	3	81	19.4	3
2500	Legend Seeds	LR 9983 VT2PRIB	6	P5					91	20.6	1	101	95	24.7	1	97	19.3	1	91	19.3	3	77	19.0	0
2550	De Dell	DL 2016	0	-	94	23.5	1	102	91	21.7	2	101	91	26.3	1	84	19.2	4	92	20.2	2	98	20.9	0
2550	Pioneer	P8542AM	23	L	98	22.0	2	104	94	21.3	4	103	76	24.7	9	99	19.2	1	93	19.2	2	107	21.9	2
2600	Legend Seeds	LR 9583 VT2PRIB	6	C	85	22.1	2	102	86	21.3	4	101	94	26.3	10	92	19.0	2	87	19.6	2	71	20.2	1
2600	Legend Seeds	LR 9885 GTCBLL	19	C					103	22.5	7	100	103	28.7	4	99	19.9	22	102	20.6	2	112	20.8	2
2600	Maizex	MZ 2655DBR	6	F	94	22.8	1	103	94	21.6	1	102	105	27.3	1	94	19.0	0	91	19.5	3	86	20.6	1
2600	Maizex	MZ 2699DBR	6	F					96	21.2	2	101	100	26.7	1	97	18.9	3	97	18.7	3	87	20.6	0
2600	Pioneer	P8700AM	23	L	93	24.1	6	100	91	22.6	8	99	92	29.0	13	93	20.3	10	100	20.4	2	77	20.7	7
2625	Brevant	DS84J77RA	8	C	92	23.2	1	99	94	21.9	2	99	96	27.9	3	98	19.3	1	90	19.3	1	93	21.3	2
2625	De Dell	DL 2315	0	-					100	22.2	1	103	99	26.8	0	98	19.8	1	91	20.8	2	112	21.3	1
2625	NK Brand	NK8618 3011A	21	C	101	23.1	2	104	100	22.2	2	104	100	26.6	1	102	20.1	2	98	20.5	2	99	21.6	3
2650	Brevant	B86R11SX	8	C	87	22.1	2	103	86	21.1	2	102	83	26.7	4	86	18.9	1	91	19.1	4	81	19.6	0
2650	NK Brand	NK8519 3110	22	C	96	23.2	2	102	95	21.8	2	101	92	26.9	1	98	19.4	1	96	20.3	3	94	20.7	2
2650	Pioneer	P9188AM	23	L	98	23.3	1	102	97	22.3	2	101	91	26.0	5	98	20.2	4	98	20.6	1	98	22.3	0
2675	Country Farm	CF279	27	F	96	23.2	1	102	94	21.4	1	102	86	26.0	0	97	19.4	0	98	20.2	4	93	20.0	0
2675	DEKALB	DKC38-55RIB	6	A					94	22.0	3	100	92	28.5	3	99	18.9	8	91	19.1	3	94	21.3	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L					99	21.9	1	101	106	27.2	0	97	18.9	2	98	19.6	2	96	21.7	1
2700	DLF PICKSEED	PS 2793GSX RIB	8	L	97	23.9	0	100	95	22.4	1	100	93	28.2	0	97	19.1	0	93	20.1	2	94	22.1	1
2700	Horizon	HZ 794	0	F	103	24.0	3	101	101	22.0	3	100	107	27.7	1	104	19.4	0	99	20.2	2	95	20.6	9
2700	Horizon	HZ 797GT	14	F	104	24.2	10	98	102	22.1	11	99	91	27.1	20	99	19.6	10	102	20.8	1	119	20.9	11
2700	Maizex	MZ 2810DBR	6	F	95	23.2	1	102	99	21.9	1	101	99	26.6	0	103	19.0	1	98	21.0	2	95	21.1	1
2700	Maizex	MZ 2812SMX	8	F	97	23.7	0	102	96	21.9	0	102	101	25.8	0	93	19.1	0	97	20.8	1	91	21.7	1
2700	Pioneer	P9188AMXT	25	L	94	24.1	2	102	95	22.4	2	102	95	28.2	4	99	20.0	0	91	19.9	1	93	21.6	4
2725	PRIDE Seeds	A5915G8 RIB	8	F					94	22.6	0	98	99	28.9	1	86	19.8	0	99	20.5	1	92	21.3	0
2750	Brevant	B90R02SX	8	C	96	24.2	1	99	97	22.1	1	98	96	26.5	1	101	19.7	1	101	19.6	1	92	22.7	1
2750	De Dell	DL 3146	0	-	101	24.8	2	101	100	22.7	2	101	102	27.6	1	91	19.8	2	93	21.0	3	117	22.3	2
2750	DEKALB	DKC41-99RIB	6	L	102	24.4	0	100	104	22.8	1	100	105	28.8	0	107	19.5	1	106	20.1	2	98	22.8	0
2750	DEKALB	DKC42-05RIB	6	L					111	23.1	1	99	111	29.0	1	113	19.9	0	108	20.7	1	111	22.8	1
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	101	24.4	1	99	104	23.5	1	99	106	28.7	1	106	20.2	0	103	21.5	2	100	23.5	1
2750	Horizon	HZ 3295	28	F	103	24.9	2	99	106	23.1	3	98	104	27.7	1	102	20.4	2	99	21.9	2	122	22.2	8
2750	Horizon	HZ 878	27	F	106	24.5	5	98	107	23.1	3	97	97	29.4	1	112	20.0	5	104	20.8	2	114	22.4	5
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	98	24.5	2	100	102	23.0	4	100	104	29.8	2	100	19.7	9	108	20.3	2	96	22.2	2
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					100	22.7	1	101	102	26.6	2	101	20.0	0	100	21.0	2	96	23.3	0
2750	Maizex	MZ 3033DBR	6	F	97	23.3	1	101	94	21.9	2	101	95	28.6	2	99	18.7	1	94	19.9	2	84	20.2	1
2750	Maizex	MZ 305X	0	F					97	21.6	3	101	103	28.0	3	93	19.2	6	102	19.5	3	91	19.6	0
2750	Pioneer	P9330AM	23	L	102	24.6	2	101	100	22.3	3	101	98	26.4	3	104	20.0	6	102	20.9	1	94	21.8	3
2775	Country Farm	CF377	6	F	92	23.9	2	102	89	22.8	2	102	96	28.8	0	96	19.0	3	73	20.9	3	90	22.6	3
2775	DEKALB	DKC42-60RIB	8	L	99	24.9	0	100	100	23.0	0	100	92	29.6	0	103	19.8	0	98	20.3	1	105	22.2	0
2775	NK Brand	NK8920 3120	28	C	106	23.8	1	99	106	22.4	1	99	104	26.4	1	106	20.0	2	104	21.3	1	111	22.0	0
2775	Pioneer	P9526AM	23	L					97	23.5	2	100	100	28.7	1	97	20.4	3	99	21.2	1	91	23.8	3
2775	PRIDE Seeds	A6028G2 RIB	6	F	100	23.8	0	101	100	22.6	1	100	101	28.6	0	100	19.4	0	102	20.7	1	96	21.6	1
2800	CROPLAN	3399SS/RIB	8	A					105	23.7	0	101	104	30.8	0	106	19.7	1	104	21.3	1	106	23.1	0
2800	DEKALB	DKC43-10RIB	6	L	104	24.4	1	100	106	22.0	1	100	104	27.2	1	104	19.3	1	103	20.1	2	114	21.5	1
2800	Maizex	MZ 3144DBR	6	F					97	22.7	1	100	98	28.3	0	102	19.4	2	99	21.1	1	85	22.0	1
2800	Maizex	MZ 3216DBR	6	F	104	24.8	1	99	106	22.8	1	100	113	28.4	0	99	19.5	0	105	20.8	2	107	22.6	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 %	Yield Index	Moist %	Ldg %
2800	Maizex	MZ 3397SMX	8	F	105	25.0	1	98	104	23.0	2	98	106	29.4	0	102	19.9	2	101	20.8	2	107	22.0	4
2800	NK Brand	NK9227 3220A	27	C	102	25.9	1	100	108	23.6	2	99	109	28.4	0	100	20.6	2	104	21.9	4	120	23.4	1
2800	Pioneer	P9404AM	23	L	97	24.5	1	101	97	22.6	1	102	95	25.5	0	98	19.9	0	107	21.1	3	86	23.7	1
2800	PRIDE Seeds	A6018G2 RIB	6	F	101	24.6	1	99	100	22.6	1	100	108	28.0	0	98	19.4	2	102	20.6	2	92	22.5	0
2825	Brevant	B92R15SX	8	C	99	25.1	1	99	101	23.3	1	99	96	29.1	0	104	20.2	2	106	21.0	1	96	22.7	1
2825	Country Farm	CF416	8	F	94	24.1	1	100	96	22.6	1	100	96	29.0	1	96	19.5	1	96	20.0	2	97	22.0	1
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	101	25.5	1	98	103	23.4	1	98	100	31.3	0	104	19.5	1	100	20.4	2	106	22.5	2
2825	PRIDE Seeds	A6455G8 RIB	8	F	102	24.6	0	99	104	23.0	0	98	105	29.3	0	107	19.4	0	104	20.3	1	100	23.1	0
2850	Country Farm	CF430	0	F	105	25.0	2	101	101	23.3	2	101	102	28.9	0	92	20.0	1	95	21.0	3	118	23.1	3
2850	CROPLAN	3575SS/RIB	8	A					103	23.8	0	102	106	30.7	0	96	20.0	0	105	21.4	1	104	23.3	0
2850	DEKALB	DKC44-80RIB	6	L					112	22.9	3	99	112	27.7	1	106	19.8	8	112	20.8	1	119	23.2	2
2850	DLF PICKSEED	PS 2815	0	L	104	25.7	1	99	104	23.1	1	99	115	28.9	0	104	19.8	1	101	21.0	1	94	22.6	2
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	99	26.7	1	100	102	23.6	1	100	97	29.4	0	102	20.0	0	104	21.4	1	104	23.6	3
2850	Maizex	MZ 3410DBR	6	F	102	25.0	0	99	99	23.3	1	99	96	29.8	0	98	20.0	0	103	21.5	2	99	22.1	1
2850	NK Brand	NK9535 3220	27	C	108	25.8	1	100	105	24.0	1	99	111	29.6	1	102	20.6	0	99	23.0	1	111	23.0	2
2850	Pioneer	P9608AM	23	L	101	26.1	0	97	104	24.5	0	95	96	31.3	0	107	20.2	0	106	22.1	1	106	24.4	1
2850	Pioneer	P9608AMXT	24	L	99	25.6	1	103	102	23.9	1	103	101	30.5	0	99	20.2	1	105	21.2	2	103	23.7	1
2850	Pioneer	P9621AMXT	24	L	107	25.5	2	91	108	24.2	2	89	108	30.0	0	102	20.8	2	109	22.4	2	116	23.5	3
2850	PRIDE Seeds	XP18095G2	6	A					103	23.5	1	100	103	30.2	1	106	19.7	1	101	21.2	2	100	22.9	1
2875	Country Farm	CF453	6	F					104	23.9	0	100	103	30.4	0	105	19.8	0	98	21.2	2	111	24.4	0
2875	CROPLAN	3795VT2P/RIB	6	A					101	24.4	2	99	90	29.8	1	100	20.0	2	113	23.5	4	100	24.1	0
2875	CROPLAN	3899VT2P/RIB	6	A	107	27.0	1	99	106	24.4	1	99	115	31.0	0	105	20.2	0	112	21.6	1	93	24.8	3
2875	DEKALB	DKC45-65RIB	8	L	106	25.8	0	98	107	23.7	1	98	111	31.8	0	103	20.1	0	104	21.3	2	111	21.7	1
2875	NK Brand	NK9659 3120	28	C	109	24.5	2	99	110	23.3	2	98	104	28.3	2	108	20.3	1	110	21.8	1	120	22.7	5
2900	DEKALB	DKC46-17RIB	6	L	101	26.0	1	101	102	23.4	0	101	100	29.9	0	104	19.8	0	103	20.6	1	101	23.5	1
2900	Maizex	MZ 3656DBR	6	F	106	26.0	1	100	106	24.1	1	100	99	31.3	1	103	20.3	0	109	21.9	1	113	22.9	2
2900	NK Brand	NK9738 3010	19	C					110	22.6	1	99	104	26.7	1	109	20.1	1	100	21.1	2	131	22.3	2
2900	Pioneer	P9840AMXT	24	L	102	26.0	2	99	104	23.6	3	98	98	29.5	4	107	19.8	5	105	21.0	2	104	24.1	3
2925	DEKALB	DKC47-55RIB	6	L					108	23.4	1	102	108	29.4	1	105	20.0	0	106	21.3	2	114	22.8	1
2925	Pioneer	P9840AM	23	L	104	26.3	3	97	109	24.1	4	97	118	29.7	2	109	20.1	3	105	22.8	1	104	23.8	9
2950	DEKALB	DKC48-28RIB	6	L	106	25.8	1	98	108	23.8	2	98	109	29.1	2	106	20.2	4	110	22.0	1	106	23.8	2
2950	DEKALB	DKC48-56RIB	8	L	108	26.1	0	99	111	23.8	0	99	113	29.8	0	104	20.2	0	111	21.8	1	118	23.4	0
2950	Maizex	MZ 3964DBR	6	F	103	25.2	1	99	106	23.6	2	99	109	29.2	0	107	20.1	5	109	20.9	1	96	24.2	2
LSD (0.10) for Yield Index Points*					4				5				10			10			7			16		
Average all hybrids **					200 24.5 2 66				204 22.7 2 69				199 28.3 2			225 19.7 3			212 20.7 2			181 22.2 2		

¹ Elora 2017-2018, Lindsay 2017, Port Hope T2 2018, Wingham 2017-2018, Winchester T2 2018

² Elora, Port Hope T2, Wingham, Winchester T2

* 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.