

Table 2: Elora, Port Hope, Winchester, Wingham

2019 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

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CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2018-2019 averages ¹				2019 averages ²				Results of 2019 Performance Trials								
					average of 7 trials				average of 3 trials				ELORA			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 %
2450	Pioneer	P8407AM	23	L					95	23.6	5	103	85	27.1	0	99	20.4	13	103	23.4	0
2500	Legend Seeds	LR 9983 VT2PRIB	6	C	92	22.1	2	103	96	24.1	3	105	96	28.1	0	98	20.4	10	93	23.9	0
2525	Legend Seeds	LR 9084 VT2PRIB	6	C					96	24.9	4	104	92	29.7	0	94	21.5	10	104	23.5	1
2550	De Dell	DL 2016	0	-	91	23.3	5	102	93	25.6	9	102	96	28.8	0	93	22.4	25	90	25.6	1
2550	Maizex	MZ 248X	0	F					97	25.4	4	102	100	28.7	0	92	23.4	10	100	24.1	2
2550	Pioneer	P8542AM	23	L	95	22.5	7	104	99	24.2	11	105	96	28.7	0	101	21.2	28	98	22.8	5
2550	Pioneer	P8736AM	23	L					98	24.9	4	101	100	29.2	1	101	22.1	10	92	23.5	2
2575	Legend Seeds	LR 9886 VT2PRIB	6	C					102	26.9	3	100	97	31.0	0	103	23.6	10	106	26.2	0
2600	Maizex	E55T32 R	6	F					95	25.1	3	103	91	29.2	0	97	21.2	10	97	25.0	0
2600	Maizex	MZ 2699DBR	6	F	97	23.3	3	102	102	26.2	4	102	97	30.3	1	102	22.2	10	108	26.0	0
2600	Pioneer	P8700AM	23	L	93	23.9	9	101	98	25.7	10	103	94	30.2	3	103	22.6	18	98	24.3	9
2625	De Dell	DL 2315	0	-	97	23.4	2	104	97	25.1	4	104	103	30.4	0	91	20.9	10	96	24.1	3
2625	NK Brand	NK8618 3011A	28	F	99	23.8	3	104	101	25.8	4	104	99	29.8	0	98	23.1	10	107	24.6	3
2625	Pioneer	P8989AM	23	L					100	25.9	4	102	109	30.1	0	101	22.8	10	88	24.7	3
2650	Brevant	B86R11SX	8	C	88	22.4	3	103	93	24.2	4	105	87	29.8	0	97	20.6	13	93	22.1	0
2650	Brevant	B90J12AM	23	L					100	25.8	4	99	100	30.4	0	100	22.7	10	102	24.3	3
2650	Maizex	E57L62 R	6	F					100	26.7	7	100	102	30.5	0	99	22.5	20	98	27.0	0
2650	Pioneer	P9188AM	23	L	98	24.2	3	101	102	26.8	4	101	97	30.3	0	100	23.6	13	109	26.4	0
2675	CROPLAN	2845VT2P/RIB	6	L					100	26.1	3	102	99	32.0	0	101	21.9	10	101	24.5	0
2675	Horizon	HZ 2944	0	F					95	25.0	6	102	93	30.1	0	97	21.3	15	96	23.6	3
2675	Maizex	MZ 2982DBR	6	F					108	27.1	3	100	116	30.4	0	96	24.0	10	113	26.8	0
2700	CROPLAN	2965VT2P/RIB	6	L					100	26.9	4	101	92	31.0	0	108	23.8	10	101	26.0	1
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	100	23.6	3	101	103	26.0	6	102	103	29.4	0	101	22.5	18	107	26.0	0
2700	DLF PICKSEED	PS 2793GSX RIB	8	L	94	24.5	2	100	97	27.3	3	100	97	31.1	0	95	22.5	10	99	28.1	0
2700	Horizon	HZ 794	0	F	101	23.5	4	101	103	25.5	6	100	99	29.5	0	99	22.9	18	111	24.1	0
2700	Maizex	MZ 305X	0	F	99	23.3	3	102	104	25.5	3	103	101	31.1	0	103	21.9	10	108	23.5	0
2700	PRIDE Seeds	A5914G2 RIB	6	F					103	25.9	3	101	106	30.5	0	100	22.1	10	104	25.0	0
2725	Brevant	B92R26AM	23	L					100	26.7	4	98	102	31.9	0	101	22.5	13	96	25.6	0
2725	CROPLAN	3146SS/RIB	8	A					95	26.7	4	100	94	30.2	0	98	24.3	10	90	25.6	0
2725	Maizex	MZ 3117DBR	6	F					102	26.7	3	99	96	31.5	0	106	23.5	10	104	25.2	0
2750	Country Farm	CF340	0	F					96	25.5	6	103	97	29.3	0	98	21.4	17	94	25.7	1
2750	De Dell	DL 3146	0	-	98	24.2	3	102	99	26.3	3	102	98	30.7	0	93	21.4	10	107	26.7	0
2750	DEKALB	DKC41-99RIB	6	L	102	24.4	2	100	103	26.6	3	100	107	30.8	0	103	22.9	10	98	26.2	0

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					average of 7 trials				average of 3 trials				ELORA			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 %
2750	DEKALB	DKC42-05RIB	6	L	110	24.5	2	100	111	26.4	3	101	106	30.6	0	111	23.3	10	118	25.2	0
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	102	24.8	2	100	102	26.6	4	100	100	31.7	0	106	22.6	10	100	25.5	1
2750	Horizon	HZ 3245	27	F					94	26.9	6	99	97	31.6	0	97	21.7	15	85	27.5	2
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	103	24.9	4	101	108	27.3	5	101	106	31.8	0	107	23.3	13	111	26.9	1
2750	Legend Seeds	LR 9891 VT2PRIB	6	C	99	24.9	2	101	101	27.9	3	100	100	31.2	0	104	24.0	10	99	28.5	0
2750	Maizex	E63G62 R	6	F					107	28.2	3	102	110	31.3	0	102	24.4	10	109	28.9	0
2750	Pioneer	P9330AM	23	L	100	24.0	4	102	102	26.2	5	103	100	31.7	0	104	23.1	13	102	23.9	3
2775	Country Farm	CF19201	6	F					100	27.0	6	102	103	31.0	0	98	22.7	17	97	27.3	2
2775	DEKALB	DKC42-60RIB	8	L	99	25.2	2	101	101	28.1	3	101	102	33.3	0	99	23.9	10	104	27.0	0
2775	Horizon	HZ 3295	28	F	103	25.4	3	98	101	28.6	3	97	106	30.8	0	97	25.4	10	100	29.7	0
2775	Maizex	MZ 3397SMX	8	F	99	26.1	3	98	95	30.1	4	97	94	33.2	0	98	25.3	13	92	31.9	0
2775	NK Brand	NK8920 3120	28	F	96	24.8	2	98	86	28.1	4	98	93	31.9	1	83	25.3	10	82	27.0	2
2775	PRIDE Seeds	A6028G2 RIB	6	F	97	24.1	2	101	96	26.2	3	103	90	33.3	0	103	22.0	10	93	23.4	0
2800	Brevant	B94R06AM	23	L					102	26.7	3	101	107	31.6	0	98	22.5	10	100	26.0	0
2800	CROPLAN	3399SS/RIB	8	A	101	26.1	2	101	97	29.2	4	101	95	32.2	0	103	24.5	10	93	30.9	1
2800	DEKALB	DKC43-10RIB	6	L	102	24.6	2	100	99	28.0	3	99	91	32.4	0	104	24.4	10	102	27.2	0
2800	Legend Seeds	LR 9993 GENSSRIB	8	C					99	29.8	4	98	101	34.0	0	98	26.2	10	99	29.3	1
2800	Maizex	E65G82 R	6	F					103	28.9	3	99	105	31.8	0	106	25.0	10	98	29.9	0
2800	NK Brand	NK9227 3220A	27	F	105	25.9	2	98	105	29.0	3	97	110	32.0	0	91	25.4	10	116	29.7	0
2800	Pioneer	P9404AM	23	L	101	24.4	2	101	109	26.8	3	100	106	30.4	0	110	24.8	10	113	25.2	0
2800	PRIDE Seeds	A6018G2 RIB	6	F	100	25.1	3	100	102	28.3	7	99	103	31.1	0	103	24.6	20	100	29.3	0
2800	PRIDE Seeds	A6102G8 RIB	8	F					92	28.9	3	96	91	33.0	0	93	25.6	10	94	28.1	0
2825	Brevant	B92R15SX	8	C	97	26.1	3	99	95	29.9	6	98	98	32.1	1	97	26.4	18	88	31.3	0
2825	Brevant	B95R46AM	23	L					103	30.5	3	94	115	31.7	0	97	29.0	10	96	30.8	0
2825	CROPLAN	3575VT2P/RIB	6	L					95	29.9	3	98	97	33.2	0	100	24.9	10	88	31.6	0
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L					100	29.2	5	99	100	33.4	0	102	24.7	13	99	29.4	1
2825	Legend Seeds	LR 9094 VT2PRIB	6	P					101	28.9	3	98	95	33.9	0	114	23.3	10	92	29.6	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	101	24.6	2	98	99	26.8	4	97	94	31.5	0	97	23.1	13	109	25.7	0
2850	Country Farm	CF430	0	F	98	24.5	4	101	96	26.2	7	101	96	31.9	0	94	22.1	20	100	24.7	0
2850	DEKALB	DKC44-80RIB	6	L	108	25.5	4	98	106	29.0	4	97	103	34.3	0	107	24.9	10	107	27.7	2
2850	DLF PICKSEED	PS 2815	0	L	103	25.9	3	99	104	29.7	6	98	107	32.9	0	100	24.8	15	105	31.3	3
2850	Legend Seeds	LR 9495 VT2PRIB	6	C	98	26.7	2	100	95	30.8	3	98	92	32.1	0	99	26.7	10	93	33.6	0
2850	NK Brand	NK9535 3220	27	F	104	25.8	4	99	104	28.1	7	100	106	31.3	1	103	26.1	20	105	27.0	0
2850	Pioneer	P9608AM	23	L	101	26.2	2	97	99	28.6	4	100	105	31.5	0	100	26.5	13	91	27.7	0
2850	Pioneer	P9608AMXT	24	L	100	25.8	2	103	100	28.3	3	102	103	32.2	0	104	24.4	10	92	28.4	0

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2850	Pioneer	P9621AMXT	24	L	104	27.0	2	91	102	30.8	4	94	101	33.3	0	99	28.4	10	106	30.6	1
2850	PRIDE Seeds	A6572G2 RIB	6	F	102	26.0	2	99	105	29.3	4	98	108	32.1	0	98	25.4	13	110	30.3	0
2875	Country Farm	CF19205	6	F					105	28.4	4	99	106	31.8	0	103	24.8	13	107	28.7	0
2875	Country Farm	CF453	6	F	101	25.9	2	100	100	28.6	3	100	100	32.0	0	98	25.1	10	105	28.6	0
2875	CROPLAN	3795VT2P/RIB	6	L	99	26.6	2	99	100	29.5	4	98	100	33.5	0	104	25.6	10	93	29.5	1
2875	CROPLAN	3899VT2P/RIB	6	L	103	27.6	2	98	101	31.8	3	96	101	34.6	0	102	27.4	10	99	33.5	0
2875	DEKALB	DKC45-65RIB	8	L	102	26.4	2	98	98	30.0	3	97	95	34.3	0	99	26.5	10	101	29.3	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L					99	30.1	3	97	100	34.4	0	100	26.9	10	98	29.1	0
2900	Legend Seeds	LR 9997 GENSSRIB	8	P5					100	32.7	4	98	107	34.9	0	98	29.2	10	96	34.1	1
2900	NK Brand	NK9738 3010	27	F	103	25.0	3	99	96	28.3	5	98	100	32.0	0	89	24.4	15	101	28.5	1
2925	DEKALB	DKC47-55RIB	6	L	105	25.7	2	101	103	28.9	3	100	103	32.3	0	102	25.2	10	106	29.1	0
2925	Pioneer	P9840AM	23	L	107	26.5	4	97	106	29.7	4	96	110	32.0	0	105	29.4	10	102	27.8	1
2950	DEKALB	DKC48-28RIB	6	L	103	27.0	3	97	99	31.3	4	96	103	35.2	0	99	26.5	13	96	32.1	0
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					101	32.0	4	96	97	33.5	0	109	29.7	10	96	32.8	2
LSD (0.10) for Yield Index Points*					4				6				11			6			13		
Average all hybrids **					204				199				203			218			176		

¹ Elora 2018-2019, Port Hope T2 2018, Winchester T2 2018-2019, Wingham 2018-2019 ² Elora, Winchester T2, Wingham

* 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.