

Table 2: Elora, Port Hope, Winchester T2, Wingham

2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2019-2020 averages ¹				2020 averages ²				Results of 2020 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 %
2450	Pioneer P8407AM	23	L	96	21.4	3	104	98	19.7	1	104	91	23.6	0	98	15.1	1	97	18.1	3	105	21.9	0
2550	Maizex MZ 248X	0	F	100	22.4	3	103	104	20.2	2	104	101	24.1	0	117	16.2	0	95	18.7	6	102	21.8	0
2550	Pioneer P8537AM	23	L					91	19.8	1	104	86	24.6	0	82	15.4	0	98	17.9	3	101	21.5	0
2550	Pioneer P8736AM	23	L	100	22.1	2	102	102	20.0	1	101	96	25.3	0	93	15.2	3	106	18.7	1	114	21.0	0
2600	Maizex MZ 269	0	F					103	19.8	3	103	108	24.4	0	93	15.3	9	98	18.2	0	111	21.3	1
2600	Maizex MZ 2699DBR	6	F	101	22.6	2	103	101	20.0	1	103	100	25.8	0	101	14.8	4	101	18.0	0	104	21.2	0
2600	Pioneer P8820Q	36	L					95		1	102	93	24.3	0	96	15.3	1	89	NA	2	101	21.5	0
2625	De Dell DL 2315	0	-	99	22.5	2	104	101	20.4	1	104	102	24.7	0	109	16.1	1	95	18.6	3	99	22.4	1
2625	DEKALB DKC36-86RIB	6	L					98	20.4	2	100	99	26.6	0	97	14.8	3	98	18.4	6	97	22.0	0
2625	Pioneer P8989AM	23	L	99	22.8	3	101	100	20.5	2	101	101	25.8	0	101	15.1	2	98	18.6	4	100	22.7	2
2650	Brevant B90J12AM	23	L	98	22.9	3	99	98	20.8	1	99	100	26.3	0	96	15.4	1	94	18.6	0	101	22.9	3
2650	Brevant B91T25AM	23	L					102	21.0	1	100	95	24.9	0	102	16.0	1	102	19.6	2	110	23.4	1
2650	CROPLAN 2790VT2P/RIB	6	F					103	19.9	5	101	100	25.7	0	96	15.3	11	114	18.1	2	102	20.7	6
2650	NK Brand NK8519-5222	34	F					91	20.2	3	100	94	24.4	0	79	15.8	0	108	18.7	1	85	22.1	12
2650	NK Brand NK8618-5122A	33	F					105	20.8	1	103	98	24.6	0	115	16.6	0	109	18.8	3	97	23.2	0
2650	Pioneer P9188AM	23	L	99	23.0	2	101	98	20.3	0	102	96	24.8	0	95	15.9	1	97	19.1	1	105	21.2	0
2675	CROPLAN CP2851VT2P/RIB	6	F					99	20.4	2	101	104	26.9	0	93	14.6	7	102	18.0	2	98	22.0	0
2675	Maizex MZ 2982DBR	6	F	106	23.7	2	100	106	21.1	2	100	104	26.2	0	107	16.9	0	111	19.1	6	102	22.2	1
2700	CROPLAN 2965VT2P/RIB	6	F	98	23.2	4	101	97	20.4	4	101	101	25.6	0	86	14.9	9	110	18.5	4	93	22.7	3
2700	DEKALB DKC39-55RIB	6	L					102	21.0	1	100	108	26.4	0	104	15.6	0	94	18.9	4	103	23.0	0
2700	DLF PICKSEED PS 2778VT2P RIB	6	L	100	22.5	3	103	98	19.9	1	103	101	25.1	0	95	15.0	0	91	18.4	3	104	21.2	1
2700	DLF PICKSEED PS 2793GSX RIB	8	L	95	23.9	2	100	95	21.3	1	99	93	28.3	0	98	15.4	0	88	18.4	3	101	23.2	0
2700	Horizon HZ 3020	14	F					94	21.8	3	99	93	27.7	2	95	16.6	1	91	19.9	4	97	22.8	5
2700	PRIDE Seeds A5914G2 RIB	6	F	98	23.0	2	100	96	20.9	1	99	97	27.2	0	102	15.6	2	91	18.9	3	92	21.8	0
2725	Brevant B92R26AM	23	L	101	23.1	2	98	103	20.4	1	98	105	26.5	0	98	15.3	0	103	18.0	5	106	21.9	0
2725	Maizex MZ 3117DBR	6	F	103	23.6	2	99	105	21.3	0	98	105	28.4	0	109	15.5	0	103	18.5	1	103	22.6	0
2725	NK Brand NK8920-5122	33	F					97	21.0	1	99	103	25.5	0	91	16.0	0	96	19.4	0	99	23.2	4
2725	Pioneer P9233AM	23	L					100	21.2	0	103	101	26.3	0	98	16.6	0	100	19.5	2	101	22.5	0
2750	Country Farm CF340	0	F	98	22.4	3	103	100	20.1	1	104	99	23.3	0	108	16.3	0	100	18.4	3	94	22.5	0
2750	De Dell DL 3146	0	-	98	22.9	2	101	100	20.4	2	100	100	24.8	0	100	16.0	1	96	18.7	1	102	22.1	5
2750	DEKALB DKC41-99RIB	6	L	100	23.8	2	99	99	21.7	1	98	96	28.9	0	105	15.0	0	97	18.7	3	100	24.1	0
2750	DEKALB DKC42-05RIB	6	L	105	23.7	2	100	102	21.7	2	99	105	29.9	0	93	16.3	3	110	18.8	2	102	21.6	2
2750	DLF PICKSEED PS 2745VT2P RIB	6	L	99	23.8	2	99	98	21.8	1	99	95	29.7	0	100	16.1	0	97	18.7	4	102	22.5	0
2750	Horizon HZ 3245	27	F	94	24.0	3	99	96	21.8	1	99	99	27.3	0	90	16.1	0	97	19.4	3	98	24.4	0
2750	Horizon HZ 3247	34	F					98	22.0	0	99	98	27.5	0	104	17.0	0	91	19.5	2	99	23.9	0
2750	Maizex E63G62 R	6	F	104	24.5	2	102	104	21.7	1	103	107	27.4	0	104	16.1	2	105	19.8	2	100	23.3	0
2750	NK Brand NK9227-5222A	34	F					95	22.2	1	95	95	27.5	0	85	16.5	0	101	19.8	3	100	25.1	0
2750	Pioneer P9301AM	23	L					103	21.7	0	103	104	28.2	0	99	16.9	0	105	19.6	1	104	21.9	1
2750	PRIDE Seeds A5925	0	F					104	21.2	1	101	97	27.7	0	111	15.7	0	106	18.3	3	102	23.3	1
2775	Country Farm 398	6	F	100	23.6	3	101	102	21.1	1	100	106	27.8	0	107	15.1	1	103	18.5	2	91	22.9	0

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2775	DLF PICKSEED	PS 2797GSX RIB	8	L					99	21.0	0	99	102	26.1	0	88	15.8	0	105	18.6	1	102	23.3	1
2775	PRIDE Seeds	A6260G8 RIB	8	F												100	16.5	1				100	22.8	0
2800	Maizex	E65G82 R	6	F	101	24.8	2	99	100	21.8	0	98	106	28.5	0	96	16.1	0	102	19.1	1	96	23.4	0
2800	Pioneer	P9404AM	23	L	103	23.7	3	101	100	21.4	2	101	90	26.8	0	102	16.6	1	105	19.5	6	104	22.7	2
2800	PRIDE Seeds	A6018G2 RIB	6	F	100	24.7	4	99	100	21.9	2	99	96	29.3	0	100	15.5	1	103	18.9	1	102	24.0	6
2825	Brevant	B95R46AM	23	L	102	25.8	2	95	102	22.2	1	96	107	27.4	0	100	15.6	0	102	20.1	3	99	25.8	0
2825	CROPLAN	3575VT2P/RIB	6	F	95	25.8	2	99	97	22.7	0	99	95	29.8	0	101	15.9	1	98	19.0	0	94	25.9	0
2825	De Dell	DL 3808	0	-					98	23.2	1	98	97	31.5	0	101	16.6	1	99	19.7	2	96	25.0	1
2825	Horizon	HZ 3295	28	F	98	25.5	2	97	97	23.1	1	97	90	29.8	0	109	17.0	0	90	20.0	3	98	25.6	0
2825	PRIDE Seeds	A6455G8 RIB	8	F	98	23.8	3	98	99	21.6	1	98	103	28.9	0	96	15.7	1	100	18.5	5	96	23.5	0
2850	Country Farm	CF430	0	F	96	23.3	3	102	97	21.1	1	103	98	26.6	0	99	16.2	1	94	19.0	2	98	22.5	1
2850	DEKALB	DKC44-80RIB	6	L	105	25.0	2	98	106	22.0	1	98	110	29.8	0	101	16.3	1	107	18.9	1	107	23.0	2
2850	DLF PICKSEED	PS 2815	0	L	102	25.5	3	99	102	22.5	1	98	99	30.6	0	105	15.7	2	102	18.6	1	102	24.9	0
2850	NK Brand	NK9535 3220	27	F	102	25.7	3	100	102	23.9	0	100	110	31.7	0	104	17.3	0	105	20.0	0	90	26.5	1
2850	NK Brand	NK9610-5122	33	F					96	23.6	3	96	99	30.5	0	106	17.3	0	89	19.0	6	89	27.5	4
2850	NK Brand	NK9653-5222	34	F					97	22.9	0	99	101	30.4	0	84	17.2	0	103	19.0	1	103	25.1	0
2850	Pioneer	P9608AM	23	L	100	25.4	3	101	102	23.0	1	102	98	30.4	0	115	17.3	0	108	19.6	5	89	24.7	1
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	25.1	2	99	100	22.0	1	100	102	28.7	0	99	16.0	0	100	18.6	3	101	24.6	1
2875	Country Farm	CF202	8	F					107	22.6	1	99	107	30.7	0	118	16.3	1	99	19.2	0	105	24.2	1
2875	Country Farm	CF453	6	F	101	24.8	2	100	103	22.1	1	100	101	29.0	0	111	16.0	0	97	18.7	2	104	24.5	0
2875	DEKALB	DKC45-65RIB	8	L	100	25.9	2	99	103	22.8	1	99	106	30.9	0	102	16.1	1	108	19.1	3	95	25.3	0
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	98	25.9	2	98	98	22.8	0	98	96	31.0	0	92	15.5	0	111	18.8	0	96	25.9	0
2900	CROPLAN	CP3735VT2P/RIB	6	F					100	23.1	0	101	98	30.5	0	101	15.8	0	107	19.6	1	94	26.5	1
2900	DEKALB	DKC46-40RIB	6	L					107	22.0	0	100	112	29.3	0	109	16.8	1	93	19.4	1	110	22.5	0
2900	NK Brand	NK9738-5222	34	F					92	22.9	1	98	94	29.2	0	90	17.4	0	82	20.2	3	99	24.9	0
2925	DEKALB	DKC47-55RIB	6	L	102	25.5	2	101	102	23.1	1	101	96	31.1	0	102	17.1	0	98	19.4	4	111	24.6	0
2925	Pioneer	P9840AM	23	L	107	26.1	3	96	110	23.4	2	96	107	30.6	0	117	17.2	6	108	21.2	0	106	24.5	2
2950	DEKALB	DKC48-28RIB	6	L	98	26.8	2	96	98	23.4	0	96	104	30.9	0	101	15.8	0	99	19.3	1	89	27.8	0
LSD (0.10) for Yield Index Points*					4				6				11			15			11			9		
Average all hybrids **					200	24.1	2	67	198	21.5	1	69	208	27.6	0	210	16.0	1	175	19.0	2	198	23.4	1

¹ Elora 2019-2020, Port Hope T2 2020, Winchester T2 2019-2020, Wingham 2019-2020 ² Elora, Port Hope T2, 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.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination. Results for hybrids with moisture contents over 30% should be interpreted with much caution.