

Table 2: Elora, Port Hope, Winchester, Wingham 2021 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2020-2021 averages ¹				2021 averages ²				Results of 2021 Performance Trials											
					average of 8 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 %
2300	Brevant	B79H45AM	23	L					88	20.9	2	104	86	25.5	0	97	18.5	3	87	18.3	0	85	21.2	5
2450	Pioneer	P8407AM	23	L	97	20.9	1	102	96	22.2	0	101	93	27.1	0	106	18.7	0	92	19.3	0	94	23.6	0
2550	Maizex	MZ 2452DUR	33	F					101	22.5	0	104	100	27.0	0	105	19.2	2	98	20.0	0	101	23.7	0
2550	Maizex	MZ 248X	0	F	101	21.1	1	103	99	22.0	0	102	104	26.6	0	99	18.6	0	95	19.5	0	98	23.4	0
2550	Pioneer	P8537AM	23	L	93	20.9	1	103	94	22.0	0	102	94	26.9	0	83	19.0	0	99	19.1	0	98	23.2	2
2550	Pioneer	P8736AM	23	L	98	20.9	1	100	95	21.8	1	99	88	25.5	0	95	18.5	0	99	19.6	0	98	23.4	2
2600	CROPLAN	CF255	6	F					86	21.8	1	103	84	26.3	0	88	18.8	3	88	18.8	0	84	23.1	0
2600	Maizex	MZ 269	0	F	99	21.2	2	102	95	22.6	1	102	106	28.1	0	92	18.8	3	87	19.4	2	96	24.2	1
2600	Maizex	MZ 2699DBR	6	F	99	21.1	1	102	97	22.3	0	101	96	27.9	0	99	18.6	2	99	19.2	0	96	23.5	0
2600	Pioneer	P8820Q	36	L	93		1	100	91	22.7	0	98	96	27.4	0	89	18.6	2	94	20.3	0	85	24.3	0
2625	De Dell	DL 2315	0	-	99	21.4	1	103	97	22.4	1	102	97	27.3	0	102	18.7	2	90	19.9	1	99	23.6	1
2650	Brevant	B90J12AM	23	L	98	21.5	1	98	98	22.2	0	97	104	27.2	0	97	18.5	0	97	19.6	0	92	23.5	0
2650	Brevant	B91T25AM	23	L	105	22.1	1	99	108	23.2	1	99	104	28.7	0	108	18.7	3	110	20.9	0	112	24.7	0
2650	CROPLAN	2790VT2P/RIB	6	F	98	21.0	3	101	95	22.1	1	100	91	28.0	0	101	18.5	4	99	19.8	0	91	22.0	0
2650	Maizex	MZ 2711DBR	6	F					96	22.8	0	98	93	28.7	0	104	18.3	0	97	21.2	0	90	22.9	0
2650	NK Brand	NK8618-5122A	33	F	100	21.6	1	102	97	22.5	1	101	99	27.0	0	98	18.4	3	96	20.6	0	93	23.9	0
2650	Pioneer	P9188AM	23	L	97	21.6	0	101	97	23.0	0	101	98	27.8	0	96	19.2	0	96	20.7	0	99	24.2	0
2675	CROPLAN	CP2851VT2P/RIB	6	F	95	21.5	1	100	92	22.7	1	100	93	28.6	0	88	18.5	2	98	20.6	0	91	22.9	0
2675	Maizex	MZ 2982DBR	6	F	103	22.0	1	99	100	23.0	0	99	93	27.0	0	100	18.9	1	98	22.2	0	109	23.8	0
2700	CROPLAN	2965VT2P/RIB	6	F	95	21.5	2	101	93	22.6	0	101	93	28.2	0	89	18.6	2	102	19.8	0	88	23.6	0
2700	CROPLAN	CP3166VT2P	6	F					100	23.9	0	96	94	27.8	0	109	18.6	1	93	23.1	0	104	26.1	0
2700	DLF PICKSEED	PS 2778VT2P RIB	6	L	97	21.0	0	102	96	22.1	0	101	98	27.1	0	99	18.2	0	93	19.7	0	94	23.2	0
2700	Horizon	HZ 3015	0	F					102	23.0	2	101	110	28.2	0	97	18.6	6	94	21.7	1	106	23.5	2
2700	Horizon	HZ 3020	14	F	100	22.3	1	99	105	22.9	0	100	105	28.6	0	114	18.7	0	93	20.6	1	110	23.5	0
2725	Brevant	B92R26AM	23	L	102	21.9	1	97	102	23.4	0	96	96	29.5	0	109	18.6	0	103	21.2	0	101	24.2	0
2725	CROPLAN	CF398	6	F					87	21.7	0	103	90	26.3	0	95	18.4	0	85	19.6	0	79	22.3	0
2725	DEKALB	DKC39-55RIB	6	L	103	22.1	1	100	104	23.3	0	100	102	28.0	0	111	18.8	1	98	21.7	0	108	24.5	0
2725	DEKALB	DKC40-99RIB	32	L					101	23.4	1	98	103	29.9	0	93	18.8	3	100	20.4	0	105	24.3	0
2725	DLF PICKSEED	PS 27067VT2P	6	L					99	22.3	0	100	97	27.9	0	96	18.6	2	104	19.4	0	100	23.3	0
2725	Maizex	MZ 3117DBR	6	F	103	22.5	0	98	101	23.7	0	99	100	30.1	0	95	18.5	0	102	20.8	0	107	25.5	0
2725	NK Brand	NK9023-5222	34	F					101	22.9	0	98	100	28.4	0	98	18.5	2	107	20.7	0	99	24.0	0
2725	Pioneer	P9233AM	23	L	100	22.6	1	101	101	24.0	1	99	98	28.9	1	106	19.2	3	99	21.0	0	101	26.8	0
2725	PRIDE Seeds	A5959G2 RIB	6	F					101	22.3	0	100	106	28.2	0	96	18.5	2	98	19.3	0	102	23.3	0
2750	De Dell	DL 3146	0	-	100	21.8	1	100	102	23.1	1	101	102	28.1	1	101	19.1	0	100	21.4	0	103	23.9	1
2750	DLF PICKSEED	PS 27168GSX	8	L					99	23.2	0	103	91	29.1	0	102	18.7	0	102	20.8	0	103	24.3	0
2750	DLF PICKSEED	PS 2745VT2P RIB	6	L	100	23.0	1	98	102	24.3	0	99	103	30.9	0	101	18.8	0	104	21.7	0	101	25.8	0
2750	Horizon	HZ 3245	27	F	101	22.7	1	100	106	23.5	0	101	108	28.6	0	106	19.2	0	103	22.2	0	105	24.1	1
2750	Maizex	E63G62 R	6	F	100	22.8	1	102	97	24.0	0	102	95	30.2	0	99	18.6	2	100	22.5	0	93	24.7	0
2750	Maizex	MZ 314	0	F					107	24.6	0	98	106	29.9	0	107	19.5	0	111	22.4	0	105	26.6	1
2750	NK Brand	NK9175-5222	34	F					108	23.1	0	102	113	27.7	1	104	19.3	0	102	21.0	0	113	24.5	0
2750	NK Brand	NK9227-5222A	34	F	100	23.4	1	96	105	24.7	1	98	106	29.7	0	108	19.2	3	104	24.7	0	103	25.1	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 %
2750	Pioneer	P9301AM	23	L	101	22.5	0	102	99	23.4	1	101	97	29.0	0	107	18.7	1	96	21.2	0	100	24.6	1
2750	PRIDE Seeds	A5925	0	F	100	22.2	1	100	96	23.2	1	100	97	28.1	0	103	19.0	3	89	21.6	1	98	24.2	1
2775	CROPLAN	398	6	F	99	21.6	0	101	97	22.1	0	103	90	26.0	0	95	18.4	0	111	21.1	0	95	23.0	0
2775	DLF PICKSEED	PS 27097GSX	8	L	97	22.4	0	98	96	23.8	0	98	98	30.8	0	95	18.7	2	97	21.0	0	95	24.8	0
2775	PRIDE Seeds	A6260G8 RIB	8	F					98	23.4	1	100	104	28.0	0	94	19.0	3	96	22.4	0	98	24.0	0
2800	CROPLAN	CP3490VT2P	6	F					103	24.9	0	99	110	32.1	0	94	18.8	2	105	23.0	0	100	25.9	0
2800	DEKALB	DKC42-05RIB	6	L	104	22.4	1	98	105	23.1	0	98	105	29.4	0	99	18.7	0	105	20.2	0	110	24.3	0
2800	Horizon	HX 3386	28	F					98	24.3	1	98	100	30.1	0	100	18.8	2	97	23.8	0	97	24.6	2
2800	Pioneer	P9404AM	23	L	98	22.6	1	100	97	23.7	0	99	99	28.1	0	95	19.2	1	99	22.3	0	96	25.2	0
2800	PRIDE Seeds	A6018G2 RIB	6	F	100	23.0	1	99	101	24.1	0	99	102	30.3	0	97	18.7	1	101	22.7	0	103	24.8	0
2825	CROPLAN	3575VT2P/RIB	6	F	99	23.5	0	100	101	24.4	0	101	106	31.4	0	90	18.8	0	106	21.7	0	98	25.7	0
2825	DLF PICKSEED	PS 28183TRE	32	L					104	23.9	0	98	104	30.2	0	105	19.2	0	106	20.5	0	102	25.8	0
2825	DLF PICKSEED	PS 2839VT2P RIB	6	L	97	23.2	0	97	101	23.8	0	97	109	30.5	0	89	18.5	0	100	21.9	0	102	24.4	0
2825	Horizon	HZ 3295	28	F	100	23.9	1	98	104	24.7	1	99	100	30.7	0	107	19.6	1	106	24.1	0	102	24.5	1
2825	Pioneer	P9535AM	23	L					107	23.9	1	100	109	29.9	0	102	18.7	0	113	21.1	1	104	25.7	4
2825	PRIDE Seeds	A6455G8 RIB	8	F	99	22.8	1	98	100	23.9	0	98	94	29.9	0	105	18.5	0	104	21.8	0	99	25.3	1
2850	DEKALB	DKC44-80RIB	6	L	107	22.8	1	98	108	23.7	1	98	107	29.8	0	104	18.6	3	108	21.3	0	113	25.0	1
2850	NK Brand	NK9535 3220	27	F	105	24.4	0	101	109	24.9	0	103	109	31.4	0	107	19.0	0	102	24.2	0	117	25.2	0
2850	Pioneer	P9608AM	23	L	102	23.5	1	102	101	24.0	0	102	99	29.4	0	106	19.2	0	104	21.6	0	98	25.6	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	23.0	1	98	102	24.1	0	98	103	30.2	0	94	18.6	1	103	21.2	0	105	26.4	0
2875	DEKALB	DKC45-65RIB	8	L	105	23.4	1	99	107	24.0	0	98	107	30.6	0	104	18.5	0	113	21.7	0	105	25.1	0
2875	DEKALB	DKC46-50RIB	8	L					105	25.2	0	101	104	30.0	0	110	18.9	2	101	24.6	0	106	27.3	0
2875	NK Brand	NK9653-5222	34	F	101	23.9	0	100	104	24.9	0	101	95	30.3	0	106	20.2	2	107	22.6	0	109	26.6	0
2900	CROPLAN	CP3720TRE	32	F												94	19.3	0						
2900	CROPLAN	CP3735VT2P/RIB	6	F	100	23.9	0	101	101	24.6	0	101	100	30.9	0	107	19.1	2	104	22.7	0	95	25.9	0
2900	DEKALB	DKC46-40RIB	6	L	107	22.9	1	99	107	23.8	1	99	111	30.1	0	100	18.7	3	103	21.7	0	112	24.8	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L					98	25.6	0	101	98	32.8	0	103	18.9	0	98	23.9	0	94	26.6	0
2950	DEKALB	DKC48-70RIB	32	L					110	25.3	0	98	107	31.3	0	108	19.1	1	109	24.5	0	116	26.3	0
LSD (0.10) for Yield Index Points*					4				4				8			13			7			8		
Average all hybrids **					210	22.3	1	69	222	23.3	0	69	245	28.8	0	190	18.8	1	220	21.3	0	231	24.5	0

¹ Elora 2020-2021, Port Hope T2 2020-2021, Winchester T2 2020-2021, Wingham 2020-2 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.