

Table 3E: Bainsville, Ottawa, Winchester

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 6 trials				average of 3 trials				BAINSVILLE			WILLIAMSBURG			WINCHESTER		
					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 %
2600	Maizex	MZ 269	0	F					86	19.2	1	101	95	19.9	1	92	18.1	3	74	19.5	0
2600	Pioneer	P8820Q	36	L	91		0	100	87	19.9	0	100	87	21.3	0	90	17.9	0	85	20.4	0
2650	Brevant	B90J12AM	23	L	99	19.3	0	101	100	19.3	1	100	95	20.2	1	101	18.7	1	102	19.1	0
2650	Brevant	B91T25AM	23	L	107	19.5	0	100	108	19.5	0	101	107	20.4	0	107	18.2	0	111	19.8	0
2650	CROPLAN	2790VT2P/RIB	6	F					91	19.0	1	102	85	19.8	1	95	17.6	0	91	19.4	1
2650	Pioneer	P9188AM	23	L	94	18.8	3	102	91	19.4	6	102	94	20.5	0	83	18.5	17	95	19.1	0
2675	CROPLAN	CP2851VT2P/RIB	6	F	94	18.2	1	102	87	19.3	0	100	81	19.9	0	94	18.0	0	87	20.0	0
2700	CROPLAN	2965VT2P/RIB	6	F	94	18.6	1	102	88	19.4	1	101	86	20.3	1	85	18.3	1	92	19.7	0
2700	CROPLAN	CP3166VT2P	6	F					96	19.5	1	99	88	20.4	0	102	18.5	3	97	19.5	0
2725	Brevant	B92R26AM	23	L	102	19.0	0	98	103	19.4	0	98	108	20.5	0	96	17.8	0	103	19.8	0
2725	CROPLAN	CF398	6	F					85	18.5	0	101	88	20.0	0	80	17.2	0	87	18.3	0
2725	Maizex	MZ 3117DBR	6	F	101	18.1	1	100	98	18.7	1	99	92	20.2	0	96	17.2	3	105	18.8	0
2725	NK Brand	NK9023-5222	34	F					102	19.2	0	98	100	20.0	0	105	17.7	0	100	19.8	0
2725	Pioneer	P9233AM	23	L	102	19.5	0	102	98	19.7	0	102	100	20.5	0	96	18.1	0	98	20.4	0
2750	Horizon	HZ 3245	27	F	97	19.6	1	102	94	20.2	0	102	99	21.5	1	91	18.8	0	92	20.3	0
2750	Maizex	E63G62 R	6	F	96	19.4	1	103	97	19.8	0	102	94	20.8	0	97	18.0	0	99	20.7	0
2750	Maizex	MZ 3120SMX	8	F					93	20.1	0	102	91	20.3	0	96	18.5	0	93	21.4	0
2750	Maizex	MZ 314	0	F					101	20.8	0	100	104	22.0	0	105	19.5	0	94	20.9	0
2750	NK Brand	NK9175-5222	34	F					102	20.1	0	102	105	21.5	0	110	18.8	0	93	19.9	0
2750	NK Brand	NK9227-5222A	34	F	97	20.2	1	98	99	21.0	0	100	104	22.4	0	108	19.5	0	86	21.0	0
2750	Pioneer	P9301AM	23	L	99	19.5	1	102	97	19.5	0	104	93	20.6	0	103	18.3	0	94	19.6	0
2775	Maizex	MZ 3397SMX	8	F	99	19.3	0	100	102	20.2	0	100	97	21.4	0	103	18.9	0	107	20.2	0
2800	CROPLAN	CP3490VT2P	6	F					99	20.8	1	98	98	21.5	1	98	18.9	1	102	22.0	0
2800	Horizon	HX 3386	28	F					105	19.9	1	101	109	20.8	1	113	18.6	1	93	20.2	0
2800	Maizex	E65G82 R	6	F	102	19.3	0	100	98	19.6	0	99	95	20.8	0	102	18.0	0	97	20.0	0
2800	Maizex	MZ 342X	0	F					96	20.2	0	100	96	21.3	0	89	18.8	1	102	20.4	0
2800	Pioneer	P9404AM	23	L	97	20.0	1	100	96	20.5	1	101	98	21.6	1	90	19.2	1	99	20.6	0
2825	Brevant	B95R46AM	23	L	102	20.1	0	97	104	20.1	0	99	108	21.7	0	100	18.6	1	105	20.1	0
2825	CROPLAN	3575VT2P/RIB	6	F	100	18.7	0	102	98	19.6	0	101	95	20.5	0	99	17.7	0	100	20.5	0

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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 %
2825	Horizon	HZ 3295	28	F	101	20.4	1	99	105	20.7	1	100	105	22.5	1	114	19.1	0	97	20.5	1
2825	Horizon	HZ 3582	27	F					103	21.0	0	98	102	22.1	0	104	19.3	0	103	21.5	0
2825	Pioneer	P9535AM	23	L					101	20.0	0	101	98	21.2	0	105	18.2	0	101	20.7	0
2850	Brevant	B96H83AM	23	L					102	20.4	0	101	108	21.7	0	102	18.8	0	97	20.7	0
2850	Brevant	B96R56AM	23	L					102	20.2	0	103	103	21.2	0	103	18.6	0	101	20.8	0
2850	DEKALB	DKC44-80RIB	6	L	105	18.9	0	100	101	19.9	0	100	101	20.2	0	99	18.2	1	103	21.3	0
2850	Maizex	MZ 3505DBR	6	F					105	19.7	0	99	104	21.3	0	106	18.4	0	104	19.3	0
2850	NK Brand	NK9535 3220	27	F	108	19.9	0	102	104	20.3	0	102	105	21.5	0	108	18.9	0	100	20.6	0
2850	Pioneer	P9608AM	23	L	99	20.7	1	102	99	21.0	0	103	99	21.8	0	99	18.9	1	98	22.3	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	19.3	0	101	98	20.4	0	100	101	21.1	0	92	18.5	0	101	21.7	0
2875	DEKALB	DKC45-65RIB	8	L	99	19.3	1	100	101	20.2	1	99	91	20.8	3	108	18.5	0	103	21.3	0
2875	DEKALB	DKC46-50RIB	8	L					101	20.1	0	102	101	20.7	0	103	18.6	0	99	21.0	0
2875	Horizon	HX 3602	28	F					100	21.3	0	100	99	21.5	1	109	19.0	0	94	23.5	0
2875	Horizon	HZ 3676	0	F					93	21.8	3	103	98	22.3	3	83	19.8	3	96	23.1	3
2875	Maizex	MZ 369	0	F					94	20.1	1	97	97	20.7	0	102	18.5	0	83	21.0	2
2875	Maizex	MZ 3690DBR	6	F	99	19.3	0	98	99	20.1	0	98	99	21.3	0	99	18.9	0	98	20.2	0
2875	NK Brand	NK9653-5222	34	F	97	20.3	0	101	100	21.2	0	103	105	22.0	0	101	19.4	0	94	22.2	0
2875	PRIDE Seeds	A6585G8 RIB	8	F	98	19.3	0	100	101	20.5	0	100	95	21.4	0	104	18.7	0	105	21.3	0
2900	CROPLAN	CP3720TRE	32	F					99	19.8	0	102	106	21.1	0	88	18.2	1	103	20.0	0
2900	CROPLAN	CP3735VT2P/RIB	6	F	95	19.1	0	102	91	19.8	0	101	93	20.5	0	88	17.9	0	92	21.0	0
2900	CROPLAN	CP3980VT2P	6	F					109	20.5	1	99	111	21.2	1	102	18.4	1	115	22.0	0
2900	DEKALB	DKC46-40RIB	6	L	105	19.1	0	101	103	19.3	0	100	99	20.4	0	110	17.8	0	101	19.7	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	96	19.4	0	101	95	20.2	0	101	97	21.3	0	93	18.8	0	95	20.4	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	101	19.2	1	101	99	20.0	1	101	101	20.7	1	93	18.4	1	103	20.8	0
2925	Brevant	B98D25AM	23	L	98	20.8	0	100	98	21.0	0	102	95	21.4	0	95	19.7	0	105	21.9	0
2925	DLF PICKSEED	PS 29185GSX	8	L					110	20.6	0	98	108	21.5	0	118	19.2	0	105	21.0	0
2925	Maizex	E67H92 R	6	F	100	20.1	0	99	97	20.3	0	99	102	20.5	0	93	18.7	1	96	21.6	0
2925	Maizex	E67H95	0	F	102	19.5	0	99	102	19.7	0	100	95	20.5	0	98	18.2	0	111	20.5	1
2925	Maizex	MZ 3818DBR	6	F	105	19.6	0	100	99	20.1	0	99	101	21.0	0	96	18.8	0	100	20.6	0
2925	Maizex	MZ 3877SMX	8	F	104	20.2	1	99	107	21.5	1	99	107	22.7	0	101	19.0	4	114	22.8	0
2925	Pioneer	P9823Q	36	L					106	20.6	0	98	112	22.0	0	105	19.3	0	100	20.4	0
2950	DEKALB	DKC48-56RIB	8	L	103	20.0	0	99	105	20.9	0	98	109	21.7	1	95	19.0	0	110	22.1	0

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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 %
2950	DEKALB	DKC48-70RIB	32	L					104	20.4	0	98	102	20.9	0	108	18.9	0	102	21.3	0
2950	Maizex	MZ 3964DBR	6	F					103	20.0	0	99	100	20.9	1	106	18.4	0	103	20.6	0
2950	Maizex	MZ 397	0	F					102	20.1	0	100	107	20.6	0	99	18.3	0	99	21.3	1
2950	Pioneer	P9946AML	23	L	99		0	101	98	21.0	0	102	98	21.7	0	102	19.9	1	95	21.4	0
2950	Pioneer	P9998AM	23	L	101	22.2	0	98	100	22.5	0	100	105	23.6	0	94	20.1	0	102	23.9	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	102	19.4	0	100	99	20.0	0	100	94	21.6	0	99	18.3	1	104	20.1	0
2975	DEKALB	DKC49-09RIB	6	L	97	19.2	0	100	100	19.7	0	100	100	21.3	0	94	18.2	0	106	19.5	0
2975	DLF PICKSEED	PS 29191VT2P	6	L					104	20.3	0	99	105	21.3	1	105	18.9	0	100	20.7	0
2975	DLF PICKSEED	PS 2955GSX RIB	8	L	98	19.6	0	100	104	20.7	0	101	99	21.7	0	106	19.1	0	106	21.4	0
2975	Maizex	MZ 4280DBR	6	F	103	20.8	1	99	103	21.0	1	99	100	22.4	0	102	18.9	1	108	21.7	0
3000	Brevant	B00R96AM	23	L	105	21.8	0	98	105	21.6	0	100	108	22.3	0	103	19.8	0	104	22.7	0
3000	CROPLAN	4188VT2P/RIB	6	F	103	20.1	0	98	103	20.8	0	97	102	21.4	0	97	19.2	0	110	21.7	0
3000	CROPLAN	CF598	8	F									101	21.7	0	96	18.6	0			
3000	NK Brand	NK9991-5122	33	F	98	21.5	1	98	100	22.4	1	99	106	23.5	0	99	20.1	1	95	23.7	0
3000	Pioneer	P0035AM	23	L					116	21.7	0	97	115	23.3	0	123	19.4	0	111	22.4	0
3000	Pioneer	P0075AM	23	L	108	22.4	1	96	108	22.2	0	98	104	23.4	0	108	20.0	1	112	23.3	0
3000	PRIDE Seeds	XP21098G4	32	P					106	20.8	0	98	101	22.1	0	110	18.2	0	108	22.0	0
3000	Saatbau	SL48397	0	C					98	20.8	1	100	101	21.3	1	104	18.6	1	90	22.4	0
3000	Saatbau	SL48402	0	C					97	19.5	1	99	94	20.7	2	95	18.3	2	101	19.5	1
3050	DEKALB	DKC50-30RIB	8	L					105	21.1	0	99	103	22.0	0	97	18.9	1	115	22.3	0
3050	DEKALB	DKC51-98RIB	8	L	99	19.7	0	98	99	20.0	0	99	98	21.2	0	94	18.6	0	105	20.2	0
3050	Pioneer	P0157AMXT	24	L	99		0	100	107	22.0	0	100	108	23.3	0	99	20.6	0	111	22.0	0
3100	DEKALB	DKC52-52RIB	8	L					110	22.0	1	98	111	22.6	0	116	19.0	3	102	24.3	0
LSD (0.10) for Yield Index Points*					4				6				8			13			7		
Average all hybrids **					200	19.7	0	70	210	20.3	0	70	206	21.3	0	200	18.7	1	223	20.9	0

¹ Bainsville 2020-2021, Iroquois 2020, Williamsburg 2021, Winchester 2020-2021

² Bainsville, Williamsburg, Winchester

* 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.