

Table 3E: Bainsville and Winchester

2023 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²				Results of 2023 Performance Trials					
					average of 5 trials				average of 2 trials				BAINSVILLE			WINCHESTER		
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2600	Pioneer	P8602AM	23	L	98	18.9		103	92	19.8	1	105	96	20.3	3	89	19.3	0
2600	Pioneer	P8859AM	23	L	94	18.6		103	95	20.6	0	104	102	21.4	0	89	19.7	0
2650	Brevant	B91T25AM	23	L	100	20.0		101	103	21.8	1	103	104	21.8	3	103	21.8	0
2650	CROPLAN	2790VT2P/RIB	6	F	94	18.2		104	90	19.1	0	105	91	18.9	0	89	19.4	0
2650	Pioneer	P9026AM	23	L	100	19.1		103	101	20.9	0	105	101	21.3	0	101	20.5	0
2650	Pioneer	P90630Q	36	L					101	21.0	1	104	109	21.7	3	93	20.3	0
2700	CROPLAN	2965VT2P/RIB	6	F	93	18.6		103	88	20.2	1	106	88	20.9	1	88	19.6	0
2725	Brevant	B92D25Q	36	L					98	21.6	1	101	101	22.1	1	96	21.2	0
2725	Brevant	B92R26Q	36	L					95	21.5	0	99	99	22.2	0	92	20.9	0
2725	CROPLAN	CP2972SS	8	F	96	19.8		102	98	22.2	0	102	93	21.8	0	103	22.6	0
2725	CROPLAN	CP3166VT2P	6	F	98	19.7		100	94	21.8	2	100	92	21.8	4	96	21.9	0
2725	Maizex	MZ 3117DBR	6	F	99	19.3		100	97	21.4	0	101	92	21.4	0	102	21.3	0
2725	NK Brand	NK9023-DV	34	F	97	19.3		101	96	21.0	0	102	97	21.2	0	95	20.8	0
2725	Pioneer	P9233AM	23	L	99	19.8		102	98	22.1	1	103	98	21.9	1	98	22.4	0
2750	Brevant	B93C41AM	23	L					99	22.2	0	105	103	22.5	0	95	21.9	0
2750	De Dell	DL 3146	0	-	93	19.7		103	93	21.2	0	104	98	21.8	0	88	20.6	0
2750	Horizon	HZ 3260	0	F	94	19.0		100	96	20.9	1	102	103	21.2	3	90	20.7	0
2750	Maizex	MZ 3120SMX	8	F	98	20.5		102	101	23.0	0	102	103	22.6	0	99	23.3	0
2750	Maizex	MZ 314	0	F	100	20.8		100	95	24.0	3	98	91	24.1	6	99	24.0	0
2750	NK Brand	NK9175-DV	34	F	99	20.8		102	98	22.3	1	103	98	22.6	1	97	22.0	0
2750	Pioneer	P9316Q	36	L	102	19.9		104	101	21.9	0	104	103	21.6	0	100	22.1	0
2775	Maizex	MZ 3314SMX	8	F	100	20.5		101	99	22.9	1	101	96	23.0	1	101	22.8	0
2775	NK Brand	NK9347-D	33	F	94	21.8		99	94	24.2	0	100	92	24.9	0	97	23.4	0
2800	CROPLAN	CP3341SS	8	F	98	19.6		99	96	21.9	0	101	92	21.7	0	99	22.1	0
2800	Horizon	HZ 3375	27	F	94	20.9		99	93	23.4	2	99	91	23.1	3	95	23.7	0
2800	Pioneer	P9466AML	37	L	102	20.0		99	101	22.4	0	100	99	21.9	0	102	22.9	0

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2825	Brevant	B95R46AMXT	24	L					98	22.1	1	100	100	22.7	1	96	21.4	0
2825	Pioneer	P9535AM	23	L	101	20.6		100	98	23.3	1	101	94	22.8	3	102	23.7	0
2825	PRIDE Seeds	J4208TRC	32	F					99	22.8	0	101	99	22.5	0	99	23.0	0
2850	Brevant	B96H83AM	23	L	98	21.0		101	100	23.0	0	102	100	23.8	0	100	22.2	0
2850	Brevant	B96R56AM	23	L	97	20.4		104	96	22.6	1	104	100	23.0	3	93	22.2	0
2850	CROPLAN	CP3490VT2P	6	F	101	20.5		99	97	22.4	0	101	99	22.7	0	96	22.1	0
2850	De Dell	DL 3905	0	-					103	21.5	1	101	112	21.9	1	94	21.2	0
2850	DEKALB	DKC44-80RIB	6	AD	105	19.9		99	104	22.3	1	99	101	21.8	1	107	22.8	0
2850	Horizon	HZ 3584	34	F	100	21.4		97	102	23.8	2	98	103	23.1	4	101	24.6	0
2850	Maizex	MZ 3505DBR	6	F	102	21.2		100	104	24.1	0	98	102	24.3	0	106	23.9	0
2850	Maizex	MZ 3528DBR	6	F					105	22.9	0	100	100	23.1	0	109	22.6	0
2850	NK Brand	NK9535-V	27	F	101	20.9		101	97	23.1	1	102	96	22.4	1	98	23.8	0
2850	Pioneer	P9624Q	36	L	101	20.7		100	98	23.2	1	99	95	23.0	1	100	23.3	0
2850	Pioneer	P96760AM	23	L					104	25.8	0	99	99	26.4	0	108	25.2	0
2850	PRIDE Seeds	A6566G8 RIB	8	F	97	19.8		101	97	22.1	0	102	96	22.1	0	97	22.1	0
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	20.1		100	97	22.2	0	101	96	22.2	0	97	22.2	0
2875	DEKALB	DKC45-35RIB	6	AD	104	21.2		100	104	24.9	0	98	108	24.2	0	101	25.6	0
2875	DEKALB	DKC45-74RIB	8	AD	104	21.2		99	108	25.1	0	97	110	24.7	0	106	25.5	0
2875	DLF	DLF 2891GSX RIB	8	AD	103	21.6		99	105	26.1	0	98	108	25.8	0	102	26.3	0
2875	Maizex	MZ 369	0	F	99	20.3		97	103	22.8	0	98	104	23.2	0	102	22.4	0
2875	NK Brand	EXP9623-AA	28	F					103	23.3	1	101	106	23.6	1	101	23.0	0
2875	NK Brand	NK9653-DV	34	F	96	20.9		101	98	22.9	0	102	97	22.5	0	98	23.3	0
2900	CROPLAN	CP3720TRE	32	F	100	20.4		102	101	23.2	1	101	105	23.2	1	99	23.1	0
2900	DEKALB	DKC096-21RIB	32	AD					110	24.2	0	98	108	24.1	0	111	24.3	0
2900	DEKALB	DKC46-40RIB	6	AD	104	20.4		102	109	22.7	0	103	105	22.9	0	112	22.4	0
2900	DLF	DLF 2954VT2P RIB	6	AD					102	25.0	0	99	97	25.1	0	106	24.9	0
2900	NK Brand	EXP9723-DV	34	F					101	24.9	0	100	103	24.8	0	100	25.1	0
2900	Pioneer	P97299AM	23	L					105	24.6	0	99	104	24.5	0	106	24.7	0
2900	PRIDE Seeds	A6694G2 RIB	6	F	101	20.8		101	98	23.5	0	99	97	23.2	0	99	23.8	0
2925	Brevant	B98D25Q	36	L					99	24.2	1	97	101	23.1	1	96	25.3	0

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2925	NK Brand	EXP9823-AA	28	F					96	24.0	1	101	99	23.8	1	93	24.2	0
2925	Pioneer	P9823Q	36	L	105	21.3		98	102	23.7	0	99	109	23.3	0	96	24.0	0
2950	DEKALB	DKC48-08RIB	8	AD	105	21.3		98	105	25.3	0	98	105	24.5	0	106	26.0	0
2950	DEKALB	DKC48-70RIB	32	AD	107	21.4		99	106	24.8	0	98	103	24.3	0	109	25.2	0
2950	Maizex	MZ 3930DBR	6	F	102	22.4		99	100	25.8	0	97	104	24.3	0	97	27.2	0
2950	Maizex	MZ 397	0	F	104	21.0		98	106	23.4	0	97	105	22.1	0	106	24.7	0
2950	Pioneer	P9845PCE	30	L					100	25.4	1	96	102	24.6	3	98	26.2	0
2975	DEKALB	DKC49-09RIB	6	AD	104	21.5		99	104	24.4	1	99	97	23.8	3	111	25.0	0
2975	DLF	DLF 2955GSX RIB	8	AD	96	21.6		100	97	25.8	0	97	95	24.8	0	99	26.7	0
2975	DLF	DLF 2991VT2P RIB	6	AD	107	21.6		98	105	24.7	0	97	100	24.2	0	109	25.1	0
2975	Maizex	MZ 4049SMX	8	F	101	22.4		99	102	26.0	0	98	101	25.2	0	104	26.7	0
3000	Brevant	B00R96AM	23	L	101	23.7		98	103	27.7	0	97	101	26.6	0	104	28.8	0
3000	DLF	DLF 3039TRE RIB	32	AD					105	27.5	0	96	98	26.6	0	112	28.5	0
3000	Maizex	MZ 4151TRE	32	F	100	21.7		97	109	25.1	0	97	112	24.7	0	106	25.6	0
3000	NK Brand	NK0007-AA	28	F	101	22.4		100	100	25.5	1	100	102	25.2	1	98	25.7	0
3000	NK Brand	NK9991-D	33	F	101	23.1		98	101	25.8	1	97	96	26.0	1	104	25.6	0
3000	Pioneer	P0035AM	23	L	106	23.3		96	110	26.6	0	96	109	25.6	0	111	27.7	0
3000	Pioneer	P0075AM	23	L	101	23.9		97	100	27.2	1	96	99	26.6	1	101	27.8	0
3000	Saatbau	Arcadio	0	C	93	19.6		98	87	21.4	1	100	89	20.9	1	84	21.8	0
3075	DEKALB	DKC101-35RIB	6	AD	108	23.4		98	109	27.0	0	95	108	25.8	0	110	28.3	0
3100	DEKALB	DKC52-52RIB	8	AD	101	23.6		98	97	27.8	0	95	94	26.5	0	101	29.1	0
LSD (0.10) for Yield Index Points*					3				5				8			5		
Average all hybrids **					230 20.8 71				239 23.4 0 67				226 23.3 1			251 23.6 0		

¹ Bainsville 2022-2023, Williamsburg 2022, Winchester 2022-2023

² Bainsville, 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.