

Table 4: Exeter, Ilderton, Woodstock, Belmont 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 8 trials				average of 4 trials				BELMONT			EXETER			ILDERTON			WOODSTOCK		
					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	P9316Q	36	L	91	21.5	0	106	91	22.4	0	105	94	20.3	0	90	23.8	0	83	24.0	0	96	21.4	0
2800	CROPLAN	CP3341SS	8	F					95	22.4	0	101	95	20.4	0	95	23.1	0	91	24.5	0	97	21.4	0
2800	Pioneer	P9466AML	37	L					96	22.5	0	101	101	20.9	0	97	23.4	0	83	23.6	0	101	22.0	0
2825	Brevant	B95R46AMXT	24	L					96	22.6	1	102	93	20.1	0	96	23.1	4	96	24.5	0	99	22.6	0
2825	Pioneer	P9535AM	23	L	94	21.5	0	104	93	22.4	0	104	100	20.7	0	90	23.8	1	88	22.5	0	94	22.4	0
2850	Brevant	B96H83AM	23	L	93	22.5	0	103	94	23.5	0	103	93	20.7	0	96	25.3	0	89	24.6	0	98	23.3	0
2850	Brevant	B96R56AM	23	L	95	21.8	0	106	96	22.8	0	105	98	21.6	0	101	24.2	0	88	24.5	0	95	21.0	1
2850	CROPLAN	CP3490VT2P	6	F					93	23.9	0	100	92	21.6	0	92	25.2	0	88	26.1	0	102	22.5	0
2850	De Dell	DL 3905	0	-					110	22.4	0	101	113	21.1	0	104	23.0	0	111	23.8	0	109	21.7	1
2850	Maizex	MZ 3505DBR	6	F	97	21.9	0	103	97	22.8	0	103	99	20.6	0	103	23.7	0	93	25.8	0	94	21.3	0
2850	Maizex	MZ 3528DBR	6	F					98	22.2	0	103	97	20.3	0	98	23.8	0	104	23.5	0	94	21.3	1
2850	Pioneer	P9624Q	36	L	96	23.1	0	102	96	24.2	0	101	95	22.0	0	93	25.2	0	92	25.5	0	102	24.2	0
2875	Maizex	MZ 369	0	F	97	22.1	0	101	96	22.9	0	99	99	22.3	0	93	24.7	0	94	24.3	0	98	20.5	0
2875	PRIDE Seeds	A6580G4 RIB	32	F					98	23.2	0	103	101	20.6	0	90	24.6	1	99	24.5	0	101	23.2	0
2900	CROPLAN	CP3720TRE	32	F	98	22.3	0	103	99	23.1	0	103	99	21.3	0	96	24.0	0	100	24.8	0	102	22.3	1
2900	Pioneer	P97299AM	23	L					97	25.5	0	100	99	24.7	0	93	25.5	0	95	26.1	0	101	25.9	0
2925	Brevant	B98D25Q	36	L					90	23.6	0	99	90	21.4	0	98	24.5	0	79	24.8	0	94	23.4	0
2925	CROPLAN	CP3823SS	8	F	98	23.1	0	104	97	24.4	0	102	95	21.8	0	100	26.1	0	99	25.6	0	95	24.1	0
2925	Pioneer	P9823Q	36	L	101	23.0	0	99	99	24.2	0	99	100	21.0	0	100	24.3	2	91	26.3	0	106	24.9	0
2950	CROPLAN	CP3980VT2P	6	F	102	23.2	0	101	102	24.8	0	100	104	21.9	0	98	26.5	0	96	27.3	0	108	23.7	0
2950	Maizex	MZ 3930DBR	6	F	104	24.0	0	99	100	25.1	0	99	94	23.2	0	101	25.5	1	103	27.8	0	104	23.8	0
2950	Maizex	MZ 397	0	F	104	22.5	0	101	104	22.9	0	101	101	21.2	0	104	24.9	0	107	24.6	0	104	20.9	1
2950	Pioneer	P9845PCE	30	L					108	24.9	0	98	104	21.3	0	110	25.4	0	109	25.6	0	107	27.2	1
2975	DEKALB	DKC49-09RIB	6	AD	100	22.7	0	103	98	23.5	0	102	96	21.2	0	94	24.2	0	101	25.1	0	102	23.4	0
2975	DLF	DLF 2991VT2P RIB	6	AD	98	23.0	0	100	93	23.6	0	100	96	20.6	0	94	24.9	0	86	27.2	0	94	21.7	1
2975	Horizon	HZ 3858	34	F					99	26.4	0	102	98	25.1	0	93	27.6	1	105	26.8	0	99	26.3	0
2975	Maizex	MZ 4049SMX	8	F	103	24.2	0	101	104	25.1	0	100	102	22.8	0	107	26.2	0	104	27.8	0	104	23.5	0
3000	Brevant	B00R96AM	23	L	97	25.8	0	99	95	26.7	1	100	101	24.6	0	92	26.7	1	91	28.3	0	95	27.2	1
3000	DLF	DLF 3039TRE RIB	32	AD					104	25.6	1	100	104	24.0	0	101	26.0	1	108	26.1	0	103	26.3	1
3000	Maizex	MZ 4151TRE	32	F	99	24.0	0	98	100	25.1	0	98	94	21.5	0	104	25.7	1	104	29.2	0	97	23.8	0
3000	NK Brand	NK0007-AA	28	F					95	25.5	0	102	88	23.6	0	99	26.4	2	98	27.2	0	97	24.7	0
3000	Pioneer	P0035AM	23	L	103	25.3	0	98	106	26.3	1	99	109	23.3	0	112	27.0	1	102	26.4	0	100	28.4	1
3000	Pioneer	P0075AM	23	L	97	25.8	0	98	95	26.4	0	99	91	24.5	0	94	27.2	0	96	27.1	0	99	26.8	0
3000	PRIDE Seeds	A6929G4 RIB	32	F	100	23.2	0	99	99	24.0	0	99	106	21.4	0	102	24.3	0	93	27.4	0	91	22.9	1
3025	PRIDE Seeds	A7199G9 RIB	38	F					102	26.9	0	98	98	23.3	0	104	27.9	0	106	28.8	0	102	27.5	0
3050	PRIDE Seeds	A7197G8 RIB	8	F	99	24.5	1	100	100	25.8	1	100	105	22.8	0	93	26.6	1	98	28.3	3	101	25.7	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 %	Yield Index	Moist %	Ldg %
3075	DEKALB	DKC101-35RIB	6	AD					107	25.1	0	96	109	23.8	0	101	26.2	1	110	26.4	0	108	23.9	0
3075	NK Brand	NK0243-D	33	F	105	25.0	0	98	102	26.4	0	98	98	24.1	0	108	26.2	0	105	28.2	0	99	27.0	1
3075	PRIDE Seeds	A7181	0	F	104	24.6	0	100	109	25.8	0	102	108	23.2	0	106	26.2	0	114	26.7	0	109	27.0	0
3100	Horizon	HZ 4314	33	F	96	27.8	0	94	95	28.8	0	95	103	25.6	0	101	28.7	1	84	31.7	0	92	29.3	0
3100	Maizex	MZ 4158DBR	6	F	103	24.6	0	99	107	26.1	0	99	107	23.5	0	105	27.7	0	110	27.9	0	104	25.5	0
3100	NK Brand	NK0472-DV	34	F	97	25.5	0	101	101	26.6	0	102	103	24.8	0	92	27.7	1	113	27.3	0	97	26.4	0
3125	Brevant	B04D72Q	36	L	105	27.7	0	97	105	28.5	0	98	103	25.7	0	109	28.8	0	109	29.9	0	98	29.9	0
3125	Brevant	B04S21AM	23	L	98	27.4	0	99	98	28.6	0	101	101	24.8	0	99	29.2	1	96	30.3	0	96	30.1	0
3125	DEKALB	DKC103-07RIB	32	AD					102	25.0	0	102	95	22.3	0	101	28.2	0	111	25.8	0	101	23.7	0
3125	DEKALB	DKC53-60RIB	32	P	101	24.2	0	99	102	25.3	0	100	106	21.8	0	98	26.5	0	105	27.0	0	99	25.7	0
3125	Pioneer	P0404AM	23	L	104	25.8	0	97	104	27.3	0	98	101	24.7	0	102	28.7	0	106	27.4	0	107	28.5	0
3125	Pioneer	P04511AM	23	L					106	26.5	0	100	102	23.3	0	114	25.8	0	105	29.7	0	102	27.3	0
3125	Pioneer	P0487Q	36	L	98	27.0	0	97	96	28.8	0	97	97	25.1	0	100	30.1	0	88	30.7	0	99	29.4	0
3125	Pioneer	P04922Q	36	L												112	29.3	0	108	30.2	0	104	30.1	0
3150	De Dell	DL 6090	0	-					100	27.9	1	98	90	25.7	0	96	28.0	5	111	29.1	0	102	28.9	0
3150	Maizex	MZ 4577SMX	8	F	106	25.4	0	100	109	26.7	0	100	108	23.1	0	113	27.2	0	109	29.4	0	104	26.9	0
3175	DEKALB	DKC105-35RIB	6	AD	111	26.0	0	96	113	27.2	0	97	110	24.5	0	117	27.5	0	118	28.7	0	106	28.0	0
3175	DEKALB	DKC105-44RIB	38	AD					107	29.2	0	97	113	25.7	0	102	30.9	1	111	31.1	0	98	29.2	0
3175	DEKALB	DKC54-77RIB	6	AD	103	24.1	0	99	104	25.0	0	99	103	21.8	0	99	26.8	0	114	26.7	0	102	24.6	0
3175	NK Brand	NK0696-D	33	F					95	27.7	0	95	100	24.6	0	96	29.3	0	95	28.5	0	89	28.6	0
3200	Maizex	MZ 4608SMX	8	F	103	26.3	0	97	103	27.8	0	96	99	23.8	0	102	28.8	1	108	30.1	0	105	28.5	0
LSD (0.10) for Yield Index Points*					3				5				10			10			11			6		
Average all hybrids **					228	24.2	0	67	230	25.2	0	64	257	22.7	0	224	26.2	1	224	26.9	0	215	25.1	0

¹ Exeter 2022-2023, Ilderton 2022-2023, Woodstock 2022-2023, Belmont 2022-2023 ² Exeter, Ilderton, Woodstock, Belmont

* 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.