

Table 4: Exeter, Ilderton, Woodstock, Belmont 2022 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2021-2022 averages ¹				2022 averages ²				Results of 2022 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	20.6	1	107	99	20.9	0	83	23.1	0	88	18.6	2	95	19.6	0
2800	Pioneer	P9466AML	37	L									96	20.2	0				93	19.2	0	106	21.8	0
2825	Brevant	B95R46AM	23	L	89	20.4	0	101	89	21.5	0	101	84	20.4	0	91	22.8	0	84	20.8	0	97	22.1	0
2825	Pioneer	P9535AM	23	L					96	20.6	0	103	96	21.0	0	89	21.9	1	98	19.1	0	100	20.3	0
2850	Brevant	B96H83AM	23	L	94	21.1	0	103	94	21.6	0	102	96	20.1	0	84	23.3	0	99	20.1	0	95	22.7	0
2850	Brevant	B96R56AM	23	L	97	20.5	0	106	95	20.8	0	107	90	20.5	0	91	22.7	0	97	19.7	0	101	20.2	0
2850	Maizex	MZ 3505DBR	6	F					98	20.9	0	103	101	20.3	0	98	23.8	0	97	19.9	0	94	19.6	0
2850	Pioneer	P9608AM	23	L					91	22.0	0	104	94	21.3	0	91	23.5	0	87	19.7	0	94	23.4	0
2850	Pioneer	P9624Q	36	L					97	21.9	0	102	93	21.4	0	101	23.8	0	99	20.8	0	95	21.6	0
2875	Maizex	MZ 369	0	F					98	21.2	0	102	103	21.5	0	93	23.4	0	99	20.6	0	99	19.2	1
2900	CROPLAN	CP3720TRE	32	F					98	21.5	0	103	101	19.4	0	97	23.0	0	93	20.2	0	103	23.5	0
2900	CROPLAN	CP3735VT2P/RIB	6	F	94	20.6	0	105	95	21.4	0	104	92	19.3	0	96	23.1	0	91	20.4	1	103	23.0	0
2900	CROPLAN	CP3980VT2P	6	F	104	20.7	0	101	104	21.5	0	101	103	20.7	0	99	23.0	0	112	20.1	0	102	22.2	0
2925	Brevant	B98D25AM	23	L	94	21.8	0	103	98	22.6	0	104	100	21.3	0	98	24.8	0	93	20.0	1	101	24.2	0
2925	Maizex	MZ 3818DBR	6	F	101	21.4	0	101	101	22.4	0	102	98	20.8	0	100	23.6	0	103	21.0	0	103	24.1	0
2925	Pioneer	P9823Q	36	L	102	21.2	1	100	104	21.8	0	99	106	20.9	0	102	23.2	0	102	20.9	0	107	22.3	0
2950	CROPLAN	CP3823SS	8	F					99	21.7	0	105	99	20.4	0	102	23.7	0	101	20.5	0	94	22.2	0
2950	Maizex	MZ 3930DBR	6	F		22.3	0	99	108	22.9	0	100	116	22.2	0	103	24.5	0	106	21.6	0	107	23.3	0
2950	Maizex	MZ 397	0	F	105	21.1	0	101	106	22.2	0	101	105	20.8	0	101	24.5	0	110	20.5	0	109	22.9	0
2950	Pioneer	P9845AM	23	L					98	22.6	0	100	100	21.6	0	96	24.0	0	91	21.1	1	105	23.7	0
2950	Pioneer	P9998AM	23	L	94	22.8	0	100	96	24.6	0	98	93	23.3	0	101	24.8	0	92	22.5	0	98	27.6	0
2950	PRIDE Seeds	A6757G8 RIB	8	F	97	21.7	0	101	96	22.6	0	101	88	21.2	0	101	23.7	0	97	21.7	0	98	23.7	0
2975	DEKALB	DKC49-09RIB	6	L	101	21.0	0	103	103	21.9	0	103	100	20.9	0	102	24.4	0	106	19.8	0	107	22.4	0
2975	DLF	PS 2991VT2P RIB	6	L	103	21.6	0	100	104	22.4	0	100	100	20.9	0	104	24.6	0	110	21.2	0	104	22.7	0
2975	Maizex	MZ 4049SMX	8	F	103	22.6	1	101	104	23.2	0	101	107	22.3	0	102	25.0	0	104	22.2	1	102	23.5	0
3000	Brevant	B00R96AM	23	L	100	22.8	0	100	100	24.9	0	99	104	24.3	0	102	25.8	0	98	21.6	0	97	27.7	0
3000	CROPLAN	4188VT2P/RIB	6	F	100	22.5	0	98	101	24.0	0	97	98	21.6	0	104	26.3	0	104	22.7	0	99	25.2	0
3000	Maizex	MZ 4151TRE	32	F	97	21.7	0	99	100	23.0	0	97	107	20.6	0	94	24.7	0	95	22.1	0	103	24.4	0
3000	NK Brand	NK0007-AA	28	F									106	21.5	0	93	26.2	0				99	24.5	0
3000	NK Brand	NK9991-D	33	F	95	22.0	0	101	92	22.6	0	101	93	21.8	0	99	24.1	0	88	21.5	0	89	22.9	0
3000	Pioneer	P0035AM	23	L	102	22.7	0	99	101	24.3	0	97	96	23.7	0	110	25.5	0	97	22.0	1	101	26.0	0
3000	Pioneer	P0075AM	23	L	102	23.2	0	99	101	25.2	0	98	97	24.1	0	100	27.3	0	108	22.7	0	101	26.7	0
3000	PRIDE Seeds	A6929G4 RIB	32	F					102	22.4	0	99	104	21.5	0	101	24.1	0	106	20.2	0	97	23.8	0
3025	Horizon	HZ 4169	27	F									93	22.6	0				93	21.9	0	95	25.5	0
3050	CROPLAN	CP4265VT2P/RIB	6	F	99	22.1	0	99	100	23.2	0	99	98	21.9	0	98	24.0	0	101	21.5	0	103	25.3	0
3050	De Dell	DL 5472	0	-					96	24.3	0	100	100	22.7	0	102	26.5	0	97	22.8	1	82	25.3	0
3050	PRIDE Seeds	A7197G8 RIB	8	F	98	22.3	0	100	99	23.1	0	100	99	21.5	0	98	23.4	0	108	21.5	0	93	26.0	0
3075	DEKALB	DKC101-14RIB	8	L					98	24.8	0	99	96	23.0	0	105	25.7	0	98	23.9	0	95	26.7	0
3075	DEKALB	DKC101-35RIB	6	L									117	22.4	0				110	22.7	0	112	25.0	0
3075	NK Brand	NK0243-D	33	F	108	22.7	0	97	109	23.6	0	97	109	22.9	0	112	25.0	0	112	23.0	0	102	23.5	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 %	Yield Index	Moist %	Ldg %
3075	PRIDE Seeds	A7181	0	F					99	23.4	0	99	107	21.9	0	101	24.4	0	93	22.2	0	95	25.0	0
3100	DEKALB	DKC52-52RIB	8	L	105	23.0	0	99	102	24.3	0	98	94	23.8	0	104	25.4	0	108	23.0	0	104	25.1	0
3100	DLF	PS 31218VT2P	6	L					107	24.4	0	97	107	22.9	0	101	25.5	0	114	22.6	0	107	26.4	0
3100	Horizon	HZ 4314	33	F	98	24.6	2	95	97	26.7	0	93	105	25.1	0	97	27.8	0	93	24.9	0	94	29.0	0
3100	Maizex	MZ 4158DBR	6	F	103	22.3	0	100	100	23.1	0	99	96	21.8	0	101	24.4	0	100	22.1	0	103	24.3	0
3100	NK Brand	NK0314-D	33	F									96	22.8	0				97	22.8	0	94	25.3	0
3100	NK Brand	NK0472-DV	34	F	97	23.5	0	101	95	24.5	0	100	101	23.2	0	96	25.1	0	95	23.3	0	85	26.6	0
3100	Pioneer	P0306AM	23	L	96	22.6	0	100	99	23.6	0	98	95	23.0	0	103	23.9	0	99	22.4	1	99	25.0	0
3100	Saatbau	SL48431	0	C									95	23.2	0				96	22.6	0	102	27.4	0
3125	Brevant	B04D72Q	36	L	106	24.4	0	97	106	26.8	0	96	106	24.5	0	110	28.4	0	108	24.5	0	101	29.8	0
3125	Brevant	B04S21AM	23	L	99	24.2	0	99	98	26.2	0	97	101	24.5	0	97	28.3	0	97	23.8	0	97	28.0	0
3125	DEKALB	DKC53-60RIB	32	L	101	21.9	0	100	102	23.0	0	99	104	21.6	0	103	24.7	0	96	22.0	0	104	23.9	0
3125	Pioneer	P0404AM	23	L	101	23.2	0	98	105	24.2	0	96	101	23.2	0	104	26.2	0	111	21.6	0	106	26.0	0
3125	Pioneer	P0434AM	23	L	102	23.7	0	101	102	25.6	0	99	100	24.0	0	106	27.9	0	96	22.8	0	104	27.7	0
3125	Pioneer	P0487Q	36	L	103	23.4	0	97	101	25.1	0	96	103	23.9	0	96	27.3	0	97	22.9	0	110	26.0	0
3150	De Dell	DL 6090	0	-									103	23.5	0				100	24.0	0	100	26.4	0
3150	Maizex	MZ 4577SMX	8	F	103	23.6	0	100	105	24.2	0	100	100	22.8	0	106	26.0	0	113	22.0	0	103	26.0	0
3175	DEKALB	DKC105-35RIB	6	L					111	24.8	0	96	109	22.7	0	115	26.7	0	109	22.9	0	112	26.9	0
3175	DEKALB	DKC54-77RIB	6	L	102	21.8	0	100	103	23.2	0	99	103	22.0	0	108	24.8	0	105	21.4	0	96	24.8	0
3200	Maizex	MZ 4608SMX	8	F	106	23.9	0	98	104	24.7	0	97	99	22.6	0	111	25.4	0	105	22.6	0	101	28.3	0
LSD (0.10) for Yield Index Points*					4				5				11			9			10			9		
Average all hybrids **					228	22.3	0	70	223	23.2	0	69	230	22.0	0	234	24.8	0	228	21.7	0	200	24.5	0

¹ Exeter 2021-2022, Ilderton 2021-2022, Woodstock 2021-2022, Belmont 2021-2022 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.