

Table 4: Exeter, Ilderton, Woodstock, Belmont 2020 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2019-2020 averages ¹				2020 averages ²				Results of 2020 Performance Trials											
					average of 5 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 %
2825	Brevant	B95R46AM	23	L					100	23.6	0	99	102	22.0	0	99	24.7	0	94	23.6	0	102	24.1	2
2850	NK Brand	NK9535 3220	27	F	103	25.2	1	103	103	24.1	1	103	109	22.4	0	90	24.5	1	111	24.4	0	104	25.0	2
2850	NK Brand	NK0243	33	F					95	24.4	0	99	95	23.3	0	88	25.3	1	95	23.6	0	104	25.3	1
2850	NK Brand	NK9653-5222	34	F					94	23.3	0	103	94	22.2	0	97	24.4	0	88	22.7	0	96	23.7	0
2850	Pioneer	P9608AM	23	L	94	24.8	0	103	94	24.2	0	103	93	22.8	0	102	24.3	0	88	24.0	0	94	25.8	0
2900	DLF PICKSEED	PS 2932VT2P RIB	6	L	100	25.6	1	103	100	24.8	1	103	98	22.6	0	98	25.4	0	109	25.8	0	97	25.6	2
2900	NK Brand	NK9738-5222	34	F					92	24.0	1	102	93	22.7	0	97	24.4	0	91	23.1	0	86	25.7	4
2925	Brevant	B98D25AM	23	L	100	25.3	0	101	98	24.1	0	102	101	22.4	0	99	24.3	0	90	23.7	0	102	26.2	0
2925	Country Farm	CF487	6	F	98	25.6	0	101	98	24.5	0	101	99	22.3	0	100	24.8	0	96	24.7	0	99	26.3	0
2925	Maizex	MZ 3818DBR	6	F	97	26.5	0	100	99	25.5	0	100	95	23.3	0	102	25.0	0	99	26.2	0	101	27.3	0
2925	Maizex	MZ 3877SMX	8	F	100	26.1	0	100	99	24.6	0	101	103	22.5	0	101	24.2	0	92	25.0	0	100	26.7	0
2925	Pioneer	P9840AM	23	L	99	25.0	1	98	102	24.0	0	99	95	22.9	0	105	24.6	0	96	23.0	1	111	25.7	0
2950	Country Farm	CF203	8	F					106	24.2	0	100	106	22.6	0	107	24.1	0	105	24.3	0	106	25.6	0
2950	Pioneer	P9946AML	23	L	97	26.1	0	102	97	25.0	0	103	95	22.3	0	100	24.9	0	95	26.0	0	97	26.7	0
2950	Pioneer	P9998AM	23	L	105	26.8	0	100	106	25.9	0	100	109	24.1	0	104	24.4	0	100	26.9	0	109	28.3	0
2950	PRIDE Seeds	A6757G8 RIB	8	F									96	23.6	0				99	26.1	0	99	26.9	0
2950	PRIDE Seeds	A6888G2 RIB	6	F	99	26.8	0	100	99	25.9	0	101	103	22.8	0	97	24.8	0	101	27.1	0	94	29.0	0
2975	DEKALB	DKC49-09RIB	6	L	105	26.1	0	101	106	24.8	0	102	107	23.1	0	102	25.3	0	107	25.8	0	109	25.1	0
2975	DEKALB	DKC49-44RIB	8	L	102	26.2	0	101	103	24.9	0	101	101	22.9	0	103	25.0	0	98	25.2	0	108	26.5	1
2975	DLF PICKSEED	PS 2955GSX RIB	8	L					98	24.4	0	102	91	22.4	0	104	24.9	0	98	24.4	0	99	25.9	0
2975	Maizex	MZ 4040DBR	6	F	105	28.3	0	99	104	27.6	0	98	108	24.9	0	101	27.9	0	109	28.2	0	98	29.2	0
2975	Maizex	MZ 4049SMX	8	F	103	27.2	0	100	104	25.7	0	100	101	24.1	0	104	26.1	0	114	25.6	0	99	27.0	0
3000	Brevant	B00R96AM	23	L	102	27.3	0	100	104	26.4	0	100	111	23.9	0	104	26.0	0	89	27.6	0	109	28.0	0
3000	Country Farm	CF598	8	F	99	25.5	0	103	100	24.3	0	103	99	22.6	0	94	24.9	0	100	23.8	0	106	25.9	0
3000	CROPLAN	4188VT2P/RIB	6	F	101	28.1	0	98	103	26.9	0	98	101	24.1	0	104	26.9	0	106	28.0	0	100	28.5	0
3000	Horizon	HZ 4010	27	F									98	24.0	0				107	25.9	0	102	28.0	0
3000	NK Brand	NK9991-5122	33	F					105	25.5	0	100	99	23.2	0	103	24.8	0	107	26.7	0	111	27.2	0
3000	Pioneer	P0075AM	23	L	103	27.7	0	97	103	26.4	0	97	104	23.8	0	102	26.5	0	106	27.1	0	100	28.3	0
3025	CROPLAN	4188SS/RIB	8	F					98	25.7	0	98	95	22.3	0	95	27.2	0	100	25.1	0	102	28.1	0
3025	Horizon	HZ 4101	27	F	94	27.1	0	100	94	25.6	0	100	99	23.6	0	97	25.6	1	96	25.9	0	83	27.2	0
3050	CROPLAN	CP4265VT2P/RIB	6	F									99	24.3	0				109	25.8	0	106	30.1	0
3050	De Dell	DL 5472	0	-									97	24.5	0				99	29.0	0	90	30.2	1
3050	DEKALB	DKC51-98RIB	8	L					102	25.1	0	99	105	22.6	0	104	24.9	0	97	25.7	0	103	27.0	0
3050	Pioneer	P0157AMXT	24	L	98	27.0	0	100	100	25.8	0	101	98	23.0	0	100	25.8	0	99	25.6	0	102	28.6	1
3050	PRIDE Seeds	A7197G8 RIB	8	F									104	23.9	0				109	27.4	0	98	27.5	0

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				average of 5 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 %	
3075	CROPLAN	4203SS/RIB	8	F	97	25.9	1	99	97	24.0	0	100	90	21.4	0	104	24.7	0	95	24.3	0	99	25.6	1
3075	NK Brand	NK9991-5122	33	F					103	27.1	0	96	104	24.7	0	97	26.4	1	101	27.7	1	110	29.4	0
3075	PRIDE Seeds	A7270G8 RIB	8	F	96	28.6	0	98	96	27.3	0	99	99	24.6	0	99	26.8	0	92	27.4	0	93	30.5	0
3100	DEKALB	DKC52-34RIB	8	L	99	27.5	0	101	98	26.0	0	101	98	23.4	0	101	26.0	0	100	26.7	0	94	28.0	0
3100	DEKALB	DKC52-84RIB	8	L	97	26.5	0	98	98	25.3	0	98	95	22.9	0	99	24.8	0	97	26.1	0	102	27.3	0
3100	Horizon	HZ 4314	33	F					108	28.0	0	97	108	25.5	0	107	27.0	0	110	28.5	0	108	31.1	0
3100	Maizex	MZ 4158DBR	6	F	102	27.5	0	98	101	25.6	0	99	106	23.6	0	103	25.1	0	101	25.7	0	96	28.0	1
3100	Maizex	MZ 4368SMX	8	F	99	27.5	0	99	99	26.0	0	99	102	22.7	0	99	25.9	0	98	27.6	0	98	28.0	1
3100	Maizex	MZ 4691DBR	6	F	102	28.5	1	102	101	27.0	0	102	101	24.6	0	102	27.2	0	93	24.9	0	106	31.1	0
3100	NK Brand	NK0472-5222	34	F					95	27.3	1	100	103	24.1	0	93	27.2	0	95	27.4	0	88	30.4	3
3100	Pioneer	P0306AM	23	L	98	27.6	0	99	98	26.4	0	100	95	23.6	0	101	26.1	0	105	29.6	0	91	26.4	0
3125	Brevant	B04521AM	23	L	106	29.7	0	98	107	28.1	0	98	105	25.9	0	102	28.8	0	117	28.1	0	108	29.6	0
3125	DEKALB	DKC53-87RIB	8	L									101	23.5	0				101	27.2	0	97	27.8	0
3150	Country Farm	CF674	8	F									94	25.6	0				90	29.0	0	97	30.5	0
3150	De Dell	DL 6590	0	-					101	28.2	0	94	99	24.9	0	97	29.2	0	106	28.4	0	103	30.3	0
3150	Maizex	MZ 4577SMX	8	F									103	24.5	0				110	26.7	0	101	29.7	3
3150	Pioneer	P0506AM	23	L	102	28.3	0	99	104	27.3	0	99	109	23.8	0	99	27.3	1	105	29.5	0	101	28.6	1
3175	CROPLAN	4676SS/RIB	8	F					100	27.7	1	98	103	24.1	0	101	28.0	0	108	29.0	0	88	29.7	2
3175	DEKALB	DKC54-45RIB	8	L	100	28.8	0	98	99	27.2	0	98	93	24.0	0	102	28.4	0	103	26.7	0	100	29.6	0
3175	DEKALB	DKC54-77RIB	6	L									106	24.0	0				95	27.3	0	102	29.6	1
3200	Saatbau	SL48394	0	C					92	26.1	0	103	90	24.4	0	91	25.9	0	93	27.0	0	93	27.0	0
LSD (0.10) for Yield Index Points*					4				4				9			6			8			10		
Average all hybrids **					213	26.9	0	68	217	25.6	0	68	231	23.5	0	221	25.8	0	193	26.2	0	224	27.7	1

¹ Exeter 2020, Ilderton 2020, Woodstock 2020, Belmont 2019-2020

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.