

Table 3E: Bainsville, Ottawa, Winchester

2018 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2017-2018 averages ¹				2018 averages ²				Results of 2018 Performance Trials								
					average of 5 trials				average of 3 trials				BAINSVILLE			OTTAWA			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 %
2650	Pioneer	P9188AM	23	L	101	20.9	1	102	102	20.0	1	102	107	21.1	0	103	20.9	1	95	18.1	1
2700	Maizex	E61H72 R	6	P5	99	21.8	2	99	99	20.0	1	101	99	20.6	1	99	20.4	1	98	19.1	2
2700	Maizex	E61K70 LR	8	P5					93	19.6	2	102	92	20.5	0	96	20.1	1	92	18.2	3
2700	Pioneer	P9188AMXT	25	L	94	20.9	1	102	91	20.2	1	102	93	21.2	0	89	20.4	1	92	18.9	1
2750	Brevant	B90R02SX	8	C	94	21.0	1	96	91	19.6	1	98	93	20.8	0	93	20.4	1	86	17.7	1
2750	Horizon	HZ 3295	28	F	98	22.2	3	102	96	21.7	3	99	101	22.5	5	88	21.8	1	97	20.8	3
2750	Horizon	HZ 878	27	F	100	21.2	4	99	101	20.4	5	98	103	21.1	7	100	20.4	2	100	19.6	6
2750	Legend Seeds	LR 9391 VT2PRIB	6	C	102	20.3	2	103	100	19.8	3	101	97	20.6	4	103	20.5	2	100	18.2	3
2750	Legend Seeds	LR 9891 VT2PRIB	6	C					93	20.5	1	101	92	21.2	1	94	20.6	1	94	19.6	1
2750	Maizex	E63G62 R	6	C	99	21.5	1	103	96	20.7	1	102	94	21.2	0	97	21.0	1	97	19.8	2
2750	Maizex	MZ 305X	0	F					93	19.1	4	103	97	20.0	6	93	19.4	3	89	17.8	3
2750	Pioneer	P9330AM	23	L	98	21.8	2	103	99	20.6	1	103	99	21.2	0	99	21.0	1	98	19.6	2
2775	NK Brand	NK8920 3120	28	C	100	21.1	1	102	98	21.0	1	101	92	21.2	0	100	21.3	1	101	20.6	1
2775	Pioneer	P9526AM	23	L					93	21.4	1	100	92	21.5	0	95	21.3	1	94	21.5	2
2800	Maizex	MZ 3144DBR	6	F					98	20.1	2	102	88	20.4	2	106	21.1	2	101	18.9	2
2800	Maizex	MZ 3216DBR	6	F	101	20.8	1	101	98	19.8	1	102	98	20.4	1	99	20.2	1	98	18.9	1
2800	Maizex	MZ 3397SMX	8	F	99	21.9	1	100	96	20.5	1	100	96	20.9	0	94	21.6	1	97	19.1	2
2800	NK Brand	NK9227 3220A	27	C	101	21.8	2	102	101	21.5	3	99	100	21.8	3	103	22.0	1	100	20.6	5
2800	Pioneer	P9404AM	23	L	102	21.5	1	101	101	20.4	1	101	101	21.2	0	95	20.9	1	108	19.2	2
2800	PRIDE Seeds	A6018G2 RIB	6	F	99	21.1	1	101	94	20.1	1	102	89	20.7	0	91	20.1	1	100	19.5	1
2800	PRIDE Seeds	A6102G8 RIB	8	F	95	20.9	1	101	93	20.3	1	100	92	20.9	0	97	20.5	1	91	19.4	2
2825	Brevant	B92R15SX	8	C	98	22.2	1	99	96	20.8	1	99	98	21.3	0	95	21.9	1	96	19.3	2
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	97	21.7	1	99	98	20.0	1	100	97	20.5	0	99	21.4	1	99	18.0	1
2825	PRIDE Seeds	A6455G8 RIB	8	F	98	21.1	1	100	97	20.1	1	100	93	20.3	1	100	20.4	1	99	19.6	2
2850	Country Farm	CF430	0	F	98	21.3	2	104	93	20.8	2	102	93	21.3	2	90	20.6	1	96	20.6	3
2850	CROPLAN	3575SS/RIB	8	A					96	20.5	1	103	91	20.8	1	95	21.2	1	102	19.4	1
2850	DEKALB	DKC44-80RIB	6	L					106	20.8	1	99	108	20.9	1	105	21.3	2	104	20.1	2
2850	DLF PICKSEED	PS 2815	0	L	100	22.7	1	102	98	20.6	1	105	96	20.7	0	105	21.6	1	95	19.6	2
2850	Legend Seeds	LS 9495 VT2PRIB	6	C	101	22.8	1	100	101	20.9	1	101	98	21.0	1	97	21.7	1	106	20.1	1
2850	Maizex	E65G82 R	6	C	106	22.3	1	100	102	20.8	1	99	98	21.0	1	109	21.4	1	98	19.9	2
2850	Maizex	MZ 3410DBR	6	F	101	22.2	2	99	100	20.6	1	99	100	20.4	1	99	21.0	1	101	20.5	3
2850	Maizex	MZ 342X	0	F	99	21.6	1	101	97	20.2	1	102	92	20.6	0	104	21.2	2	95	18.8	2
2850	Maizex	MZ 3522DBR	6	F	97	22.6	1	100	99	20.7	1	102	94	20.9	0	104	21.5	1	99	19.8	1
2850	NK Brand	NK9535 3220	27	C	99	22.9	1	101	100	22.4	1	100	105	22.1	0	99	23.0	2	96	22.1	1
2850	Pioneer	P9608AM	23	L	102	22.9	1	103	103	21.6	1	102	103	21.8	0	98	22.3	1	106	20.7	1
2850	Pioneer	P9608AMXT	24	L	97	22.9	3	104	96	21.1	1	104	98	21.2	0	93	22.1	1	98	20.0	1
2850	Pioneer	P9621AMXT	24	L	104	22.7	1	95	105	21.5	1	94	109	21.7	0	98	22.2	1	108	20.5	1
2875	Country Farm	CF453	6	F					98	20.8	1	101	93	20.8	1	104	22.0	1	97	19.7	1

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					average of 5 trials				average of 3 trials				BAINSVILLE			OTTAWA			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 %
2875	Country Farm	CF458	8	F	97	22.3	2	101	100	20.6	1	101	104	20.7	2	97	21.7	1	98	19.4	1
2875	Country Farm	CF462	14	F	95	22.7	3	101	93	20.9	3	101	83	21.7	2	100	21.3	2	98	19.6	4
2875	CROPLAN	3795VT2P/RIB	6	A					106	21.7	1	100	110	21.0	0	95	22.5	1	111	21.6	3
2875	CROPLAN	3899VT2P/RIB	6	A					104	21.7	1	99	103	21.4	0	108	23.1	1	100	20.7	1
2875	DEKALB	DKC45-65RIB	8	L	97	23.1	1	98	99	21.3	1	99	100	21.1	0	96	23.0	1	100	19.8	1
2875	DLF PICKSEED	PS 2818GSX RIB	8	L	100	22.1	1	100	99	20.5	1	100	95	20.4	0	105	22.0	1	97	19.0	1
2875	Maizex	E66K42 R	6	C					104	20.8	1	100	106	21.0	2	98	21.0	1	107	20.5	1
2875	NK Brand	NK9659 3120	28	C	103	22.5	1	98	106	21.7	1	98	113	21.5	1	104	22.5	1	99	21.0	2
2900	DEKALB	DKC46-17RIB	6	L	102	22.4	1	102	101	20.3	1	104	97	20.4	0	105	21.3	1	102	19.2	1
2900	DLF PICKSEED	PS 2902VT2P RIB	6	L	101	21.9	2	102	98	21.2	2	101	94	21.2	1	100	21.6	2	102	20.7	3
2900	Horizon	HZ 3787	27	F	99	21.6	1	101	97	21.4	1	97	100	21.3	1	96	22.8	2	96	20.1	1
2900	Horizon	HZ 3790	14	F	93	23.9	3	98	97	22.4	4	99	106	22.4	9	95	23.4	2	90	21.4	2
2900	Legend Seeds	EXP18-9791 GENSSRIB	8	P5					101	21.8	1	99	105	22.0	1	96	22.7	1	102	20.8	1
2900	Legend Seeds	LR 9697 VT2PRIB	7	C	99	21.8	1	99	99	21.4	1	98	100	21.6	0	94	21.8	1	101	20.9	2
2900	Maizex	MZ 3611SMX	8	F	95	22.9	3	100	99	21.2	1	101	96	21.3	1	106	22.1	1	97	20.3	1
2900	Maizex	MZ 3656DBR	6	F	98	23.7	1	100	100	21.7	1	101	99	21.3	1	97	22.8	1	103	21.0	1
2900	NK Brand	NK9738 3010	19	C					95	21.0	1	101	95	21.1	1	98	21.4	1	92	20.4	2
2900	Pioneer	P9840AMXT	24	L	100	23.3	2	99	102	21.6	2	98	102	21.0	0	106	23.1	3	99	20.6	2
2900	PRIDE Seeds	A6848G2 RIB	6	F	105	23.6	1	98	104	22.6	2	98	100	21.6	0	108	24.1	1	105	22.2	4
2900	PRIDE Seeds	XP18097G2	6	A					101	23.9	1	97	107	21.4	1	105	22.4	1	92	27.8	1
2900	PRIDE Seeds	XP18098G2	6	A					104	21.5	1	101	104	21.5	1	101	22.4	1	105	20.7	1
2925	Country Farm	CF474	8	F	97	22.8	1	100	93	20.8	1	101	92	20.9	0	93	21.7	1	95	19.8	2
2925	Country Farm	CF487	6	F	103	23.0	2	100	102	21.5	2	99	101	21.2	1	102	21.9	1	104	21.5	3
2925	DEKALB	DKC47-55RIB	6	L					100	21.4	1	103	97	21.3	0	102	22.5	1	102	20.5	2
2925	Maizex	E67H92 R	6	P	103	23.9	2	98	101	21.9	1	98	95	21.7	1	103	23.0	1	105	21.0	1
2925	Pioneer	P9840AM	23	L	98	24.1	2	97	101	22.0	2	97	101	22.1	2	99	22.9	1	103	21.1	3
2925	PRIDE Seeds	A6888G2 RIB	6	F	102	23.5	1	100	102	21.3	1	101	100	21.2	0	108	22.8	1	98	19.9	1
2950	CROPLAN	4079SS/RIB	8	A	105	23.9	2	97	100	21.5	2	98	104	22.0	2	94	21.7	2	102	20.7	2
2950	DEKALB	DKC48-28RIB	6	L	101	22.3	1	100	103	21.0	1	100	101	21.1	0	101	21.4	1	109	20.5	2
2950	DEKALB	DKC48-56RIB	8	L	103	23.4	2	100	102	21.6	1	100	102	21.4	2	104	23.0	1	101	20.4	1
2950	Legend Seeds	LR 9999 VT2PRIB	6	P5					109	22.3	1	96	111	21.6	1	104	23.3	1	111	21.9	1
2950	Maizex	E69K50 LR	8	C					97	21.9	1	100	104	21.5	0	101	23.3	1	86	20.9	1
2950	Maizex	MZ 3877SMX	8	F					102	21.6	2	100	101	21.7	0	102	22.7	1	102	20.4	3
2950	Maizex	MZ 3818DBR	6	F	105	23.4	1	98	102	21.2	1	99	102	21.3	0	107	21.5	1	97	20.8	1
2950	Maizex	MZ 395X	0	F	96	22.7	2	100	93	21.2	3	100	95	21.8	1	95	22.0	1	88	19.8	6
2950	Maizex	MZ 3964DBR	6	F	101	23.5	1	99	98	21.4	1	100	100	21.0	2	99	22.6	1	94	20.5	1
2950	Pioneer	P9998AM	23	L	106	24.8	1	98	110	22.7	1	98	109	22.3	1	110	24.1	1	110	21.8	1
2950	PRIDE Seeds	A6757G8 RIB	8	F	101	23.5	1	99	102	21.4	1	100	102	21.0	0	103	23.1	1	100	20.0	1

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2975	De Dell	DL 4902	0	-					97	22.0	1	99	104	21.8	1	92	23.2	1	95	21.0	2
2975	DEKALB	DKC49-09RIB	6	L					105	20.8	1	100	103	21.5	0	105	21.1	1	107	19.8	1
2975	DEKALB	DKC50-78RIB	6	L	98	22.9	1	99	98	21.7	1	100	95	21.3	1	102	23.1	2	97	20.8	1
2975	Maizex	E71T15	0	C	101	24.2	2	99	102	22.2	2	99	108	21.8	1	94	23.8	2	104	21.0	2
3000	Country Farm	CF18402	8	F					104	21.6	1	102	109	21.6	0	98	22.4	1	103	20.8	1
3000	Legend Seeds	LR 9701 GENSSRIB	8	C					102	21.7	1	100	94	21.6	0	104	23.4	1	107	20.0	1
3000	Maizex	E70G30 LR	8	C	100	24.4	1	97	102	21.6	1	98	104	21.8	1	105	23.0	1	98	20.0	1
3000	Pioneer	P0157AM	23	L	105	25.4	1	99	108	23.3	1	98	110	22.9	1	104	25.0	1	109	21.9	1
3000	Pioneer	P9998AMXT	24	L	97	24.0	1	100	100	22.2	1	99	99	22.0	0	101	23.3	1	100	21.4	2
3050	Brevant	B00R25PW	29	C					104	23.0	2	97	103	22.9	0	105	24.7	1	103	21.3	4
3050	DEKALB	DKC50-26RIB	8	L	98	23.4	2	101	102	21.5	1	102	105	21.1	0	98	23.0	1	100	20.3	1
3050	Maizex	MZ 402X	0	F	104	23.7	3	98	104	22.1	3	98	102	21.2	4	103	23.4	2	108	21.7	3
3050	Maizex	MZ 4158DBR	6	F					109	22.9	1	97	110	23.0	1	110	24.3	1	106	21.3	1
3050	Maizex	MZ 4280DBR	6	F	108	24.4	4	98	108	22.8	3	97	110	22.9	3	103	23.7	1	109	21.8	3
3050	Pioneer	P0157AMXT	24	L	107	25.6	2	100	111	22.9	1	100	111	23.3	2	107	24.9	1	116	20.6	1
3100	DEKALB	DKC52-84RIB	8	L	100	24.0	1	101	101	21.9	1	103	101	21.7	1	101	23.6	1	102	20.3	2
3100	Legend Seeds	LR 9903 GENSSRIB	8	P5					108	22.6	2	99	112	21.7	0	99	23.0	3	111	23.0	3
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	101	25.7	2	98	100	23.8	1	98	98	23.0	1	107	25.7	2	96	22.6	1
LSD (0.10) for Yield Index Points*					5				5				8			10			5		
Average all hybrids **					199	22.7	2	69	207	21.3	1	70	221	21.4	1	189	22.1	1	210	20.3	2

¹ Ottawa 2017-2018, Bainsville 2018, Winchester 2017-2018

² Ottawa, 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.