

Table 3: Ottawa, Winchester, Waterloo, Blyth 2017 Ontario Hybrid Corn Performance Trials - Conducted by the Ontario Corn Committee

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2016-2017 averages ¹				2017 averages ²				Results of 2017 Performance Trials											
					average of 8 trials				average of 4 trials				BLYTH			OTTAWA			WATERLOO			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 %	Yield Index	Moist %	Ldg %
2575	Legend Seeds	LS 5082 Conv.	0	C					86	23.0	3	107	84	23.9	0	93	22.5	3	84	25.1	5	85	20.5	2
2600	Elite	E55T32 R	6	C					88	22.7	1	104	86	23.7	1	86	21.6	1	88	25.3	0	92	20.0	3
2650	Elite	E57L62 R	6	C	98	22.9	1	101	96	24.0	1	101	97	26.0	0	98	22.2	1	101	26.1	1	88	21.7	3
2650	Legend Seeds	LR 9785 VT2PRIB	6	C					89	22.6	1	105	84	23.0	0	97	21.2	0	84	25.6	0	95	20.5	5
2650	Pioneer	P9188AM	23	L	100	22.6	1	103	101	23.7	1	102	99	24.6	2	89	22.5	1	102	25.6	1	113	22.2	2
2700	Elite	E61H72 R	6	P5					99	25.1	1	98	99	25.4	1	101	25.8	1	94	26.3	0	102	23.0	3
2700	Pioneer	P9188AMX	25	L	95	22.5	1	103	96	23.6	2	101	87	25.6	5	103	21.5	0	98	24.8	1	98	22.3	3
2725	Elite	E61C37 R	4	P5					98	24.3	3	104	99	25.8	9	92	22.9	1	97	26.4	1	104	22.1	2
2725	PRIDE Seeds	A5915G8 RIB	8	A	96	22.6	0	100	93	23.5	1	100	91	24.6	0	103	23.3	0	93	25.2	0	89	21.0	2
2750	Dow Seeds	DS90K07RA	8	C					91	24.4	1	96	82	26.8	0	104	22.8	1	85	25.1	0	99	23.0	2
2750	Elite	E62H80 LR	8	P5					96	25.0	1	100	89	25.4	0	103	26.0	0	103	25.1	0	91	23.3	2
2750	Elite	E63G62 R	6	C	101	23.6	0	103	102	24.2	0	104	98	25.5	0	108	23.6	0	101	25.9	0	102	22.0	1
2750	Horizon	HZ 3295	28	F					105	24.0	1	104	103	25.4	1	104	24.3	0	110	24.4	1	103	21.7	4
2750	Horizon	HZ 878	27	F					105	23.7	7	101	107	24.7	13	88	23.2	2	115	25.4	6	107	21.6	6
2750	Legend Seeds	LR 9391 VT2PRIB	6	C					102	23.2	1	103	103	24.6	0	103	22.0	1	94	25.9	0	107	20.2	1
2750	Legend Seeds	LS 5391 Conv.	0	C	100	22.5	1	102	100	23.4	1	104	100	25.2	0	105	23.0	2	93	24.8	1	103	20.7	2
2750	Pioneer	P9330AM	23	L					95	24.9	5	103	88	27.0	9	100	24.5	1	96	25.1	3	99	22.9	5
2775	Dow Seeds	8202RA	8	C	94	22.3	1	100	91	23.5	1	101	86	24.5	1	97	22.2	1	91	25.6	2	93	21.6	1
2775	Elite	E63D17 R	4	C	102	22.7	0	101	105	23.7	1	101	110	25.7	0	93	23.3	1	106	24.3	1	107	21.6	2
2775	Legend Seeds	LR 9492 RR	4	C					100	26.2	1	99	97	27.5	0	106	25.7	1	94	27.4	0	103	24.1	2
2775	NK Brand	NK8920 3010	19	C					105	23.5	2	104	99	26.4	5	107	22.3	2	113	25.2	1	103	20.1	1
2800	De Dell	DL 3393	0	-					97	26.0	2	102	101	27.4	2	94	27.0	0	91	26.4	2	100	23.3	3
2800	Legend Seeds	LS 5690 Conv.	0	C	103	22.5	2	100	106	23.6	3	101	110	24.6	6	86	23.4	0	123	24.5	0	97	21.9	6
2800	Maizex	MZ 3216DBR	6	F	103	22.7	0	101	106	23.5	1	100	105	25.8	0	113	22.5	0	105	23.8	0	103	21.9	2
2800	Maizex	MZ 3397SMX	8	F					102	25.3	1	100	101	26.5	2	101	24.9	1	95	26.4	1	111	23.2	2
2800	NK Brand	NK9227 3110A	22	C	100	23.0	1	103	103	24.2	1	103	103	25.7	1	101	23.2	0	105	26.3	1	103	21.6	2
2800	Pioneer	P9404AM	23	L					98	24.5	2	101	93	26.0	5	105	23.4	1	90	25.8	0	105	22.8	3
2800	PRIDE Seeds	A6018G2 RIB	6	A					106	24.1	1	100	105	26.3	1	100	23.1	1	103	25.0	0	115	22.1	2
2800	PRIDE Seeds	A6102G8 RIB	8	A	94	23.0	0	102	92	23.3	1	103	85	24.9	0	97	22.6	0	91	24.5	0	99	21.0	2
2825	Country Farm	CF416	8	A	97	22.9	0	102	95	23.7	1	103	95	25.4	0	104	22.2	1	89	25.6	0	95	21.5	2
2825	Dow Seeds	8315RA	8	C	97	24.0	0	100	100	25.3	1	99	95	26.7	1	97	25.9	1	100	25.7	1	106	22.8	1
2825	Dow Seeds	CNX162047S2	8	C					89	26.3	3	100	88	25.1	5	82	29.3	1	98	26.5	5	86	24.4	2
2825	Legend Seeds	LR 9794 GENSSRIB	8	C	96	24.3	1	99	97	25.3	1	99	101	26.5	0	97	24.8	2	98	26.3	1	93	23.6	2
2825	PICKSEED	PS 28797VT2P	6	A					99	25.9	1	100	98	25.6	0	97	28.0	1	101	27.6	1	100	22.5	2
2825	PRIDE Seeds	A6455G8 RIB	8	A					98	24.2	1	100	95	24.8	1	104	23.1	1	97	26.8	1	99	22.2	1
2850	Country Farm	CF430	0	A	105	22.7	2	104	112	23.9	4	105	115	24.8	8	109	23.0	2	118	26.8	1	107	21.1	4
2850	Elite	E65G82 R	6	C					107	25.2	0	100	103	26.0	0	118	25.9	0	100	25.7	0	109	23.2	1
2850	Legend Seeds	LS 9495 VT2PRIB	4	C					97	27.0	1	99	92	29.2	1	103	26.7	0	94	27.4	0	103	24.6	1

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					average of 8 trials				average of 4 trials				BLYTH			OTTAWA			WATERLOO			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 %	Yield Index	Moist %	Ldg %
2850	Maizex	MZ 3410DBR	6	F					105	25.5	2	101	105	26.2	0	101	26.8	7	110	26.5	0	104	22.5	1
2850	Maizex	MZ 342X	0	F	102	23.6	1	100	104	24.9	1	99	98	26.0	1	102	24.5	1	111	26.3	0	104	22.9	2
2850	Maizex	MZ 3522DBR	6	F	95	24.6	0	99	92	26.2	1	98	91	27.0	0	94	27.1	1	88	26.9	1	95	23.9	2
2850	NK Brand	NK9535 3110	22	C	103	24.9	1	102	107	25.9	1	102	112	28.7	1	94	24.1	1	116	27.3	1	100	23.3	2
2850	PICKSEED	PS 2815	0	A	102	24.2	1	99	102	26.2	2	98	107	26.5	0	106	28.7	0	94	26.6	3	100	23.1	3
2850	Pioneer	P9608AM	23	L					97	25.5	2	102	87	25.8	3	99	26.7	1	96	26.5	0	106	22.9	4
2850	Pioneer	P9608AMXT	24	L					98	25.6	4	104	94	26.4	0	104	28.0	12	103	25.0	0	93	23.0	3
2850	Pioneer	P9621AMXT	24	L					103	25.3	3	96	103	26.3	3	105	25.6	1	106	25.8	2	100	23.6	4
2875	Country Farm	CF17304	6	A					99	27.7	1	96	91	27.6	0	94	30.1	1	105	27.8	0	107	25.4	1
2875	Country Farm	CF458	8	A	101	24.0	1	100	98	25.3	1	100	104	25.8	2	91	26.9	1	101	25.5	0	93	22.9	3
2875	Country Farm	CF460	0	A	99	23.2	1	104	100	24.7	3	104	94	26.4	1	107	25.5	3	98	24.9	1	101	21.9	5
2875	Country Farm	CF462	4	A					96	25.8	3	100	87	26.3	5	108	25.4	5	100	26.0	1	92	25.4	1
2875	Country Farm	CF466	8	A					94	26.8	2	100	95	26.6	0	110	27.7	2	86	28.0	1	90	24.9	4
2875	DEKALB	DKC45-65RIB	8	P5	103	25.0	1	99	102	26.6	1	98	109	28.0	0	89	28.1	1	107	26.6	0	99	23.7	3
2875	Legend Seeds	LS 5695 Conv.	0	C	101	24.7	2	98	102	25.5	5	97	107	25.0	8	79	28.1	2	110	25.2	5	104	23.8	3
2875	NK Brand	NK9659 3120	28	C	101	24.7	1	99	104	25.3	3	99	109	25.7	5	98	23.9	3	105	27.7	2	104	23.7	1
2875	PICKSEED	PS 2818GSX RIB	8	A	101	24.5	0	99	103	25.8	1	99	104	26.5	0	103	26.9	1	102	27.5	1	102	22.4	2
2900	De Dell	DL 4555	0	-					101	27.9	0	101	101	29.3	0	85	28.8	1	104	28.2	1	110	25.3	0
2900	DEKALB	DKC46-17RIB	6	A	100	24.3	0	102	104	26.2	1	100	109	26.7	0	105	27.7	1	101	26.9	0	102	23.6	1
2900	Elite	E67H92 R	6	P5					103	27.8	2	98	106	29.4	0	101	28.9	1	95	28.1	1	110	24.8	5
2900	Horizon	HZ 3790	14	F	99	25.4	2	98	100	27.4	4	98	107	29.7	10	90	25.1	3	114	27.6	1	83	27.3	1
2900	Legend Seeds	LR 9697 VT2PRIB	8	C	101	23.6	0	99	98	24.0	1	101	98	25.2	0	104	22.7	1	94	26.0	1	98	22.0	2
2900	Maizex	MZ 3611SMX	8	F	94	25.1	1	101	95	26.0	3	101	99	27.1	0	82	26.1	8	99	26.1	0	94	24.5	2
2900	Maizex	MZ 3656DBR	6	F					98	27.3	1	99	102	28.7	0	90	29.3	1	99	26.9	0	100	24.2	2
2900	PICKSEED	PS 2902VT2P RIB	6	A	99	24.3	2	101	100	24.6	3	103	93	26.9	6	108	24.1	2	97	25.5	3	104	21.7	2
2900	Pioneer	P9840AMXT	24	L					99	26.5	2	99	94	27.1	5	95	28.0	0	106	27.2	0	99	23.9	3
2900	PRIDE Seeds	A6848G2 RIB	6	A	104	26.5	0	98	106	26.7	1	99	99	29.2	0	109	26.6	0	110	27.3	1	106	23.6	2
2925	Country Farm	CF474	8	A	100	25.0	1	99	101	26.7	1	99	98	27.9	1	103	28.2	1	99	27.3	1	103	23.3	1
2925	Country Farm	CF487	6	A					106	25.5	1	101	107	25.9	1	105	27.7	2	106	25.7	0	104	22.8	3
2925	Pioneer	P9840AM	23	L	99	25.9	2	97	98	27.4	3	97	105	27.9	7	92	29.6	1	98	27.2	2	95	25.1	2
2925	PRIDE Seeds	A6757G8 RIB	8	A	101	25.7	0	99	103	27.0	1	98	103	27.4	0	100	28.4	2	104	27.2	0	103	24.9	1
2925	PRIDE Seeds	A6888G2 RIB	6	A					100	27.8	1	98	102	30.1	0	107	28.3	1	94	27.4	0	100	25.3	2
2950	CROPLAN	4079SS/RIB	8	A					109	27.8	2	96	99	29.9	2	118	29.6	0	110	26.0	1	112	25.7	5
2950	CROPLAN	4199SS/RIB	8	A					98	29.4	1	97	100	31.2	0	93	30.6	1	97	28.6	1	100	27.1	3
2950	DEKALB	DKC48-28RIB	6	A					102	25.6	1	100	106	28.0	1	106	24.3	0	104	25.9	0	91	24.1	3
2950	DEKALB	DKC48-56RIB	8	P5	105	25.4	1	100	106	26.6	1	100	115	28.5	0	106	27.5	3	98	25.8	1	103	24.5	1
2950	Dow Seeds	DS97B47RA	8	C	96	25.7	0	97	95	28.3	1	96	97	29.7	0	91	29.8	1	98	27.2	0	92	26.4	2
2950	Elite	E69G92 R	6	C	100	26.0	1	99	98	26.3	2	99	95	26.1	6	106	26.6	0	98	27.1	1	95	25.2	1

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2950	Maizex	MZ 3818DBR	6	F					105	28.0	1	97	99	30.5	0	120	28.7	1	103	28.0	1	103	24.9	4
2950	Maizex	MZ 395X	0	F	103	24.9	2	101	107	25.8	5	101	110	27.3	8	103	26.4	2	110	26.1	6	102	23.4	2
2950	Maizex	MZ 3964DBR	6	F	104	25.3	0	99	108	27.1	1	99	107	27.4	0	118	28.7	1	107	27.7	0	101	24.5	1
2950	PICKSEED	PS 29732VT2P	6	A					102	24.7	1	102	91	25.5	0	115	24.4	1	94	25.5	1	113	23.3	1
2950	Pioneer	P9998AM	23	L					106	27.2	1	100	107	28.1	2	92	30.0	1	111	25.3	1	108	25.6	2
2975	DEKALB	DKC50-78RIB	6	A	99	24.9	0	100	96	25.7	1	100	101	27.7	0	102	25.4	1	87	25.8	0	96	24.1	1
2975	Elite	E71T15	0	C	103	26.1	2	99	104	26.9	3	100	102	26.6	10	93	30.4	1	110	26.2	1	107	24.3	2
3000	DEKALB	DKC49-72RIB	8	P5	102	25.3	1	98	102	27.1	2	97	107	28.4	1	94	27.2	3	97	28.0	0	110	24.7	2
3000	Elite	E70G30 LR	8	C	101	26.9	1	98	100	28.8	1	96	110	29.6	0	97	30.3	3	94	28.5	1	98	26.7	1
3000	Horizon	HZ 1028	0	F	98	26.3	1	99	97	27.3	2	99	102	27.0	6	89	30.0	1	104	26.9	1	89	25.2	1
3000	Horizon	HZ 4010	27	F					102	28.3	2	99	115	28.3	0	89	29.2	2	110	29.4	2	87	26.3	2
3000	Pioneer	P0157AM	23	L	104	27.5	1	99	103	28.8	1	99	108	30.0	0	101	29.9	1	102	28.0	1	99	27.4	3
3000	Pioneer	P9998AMXT	24	L					98	27.1	1	101	104	28.7	1	103	28.2	0	99	26.3	1	87	25.3	2
3025	Legend Seeds	LS 5601 Conv.	0	C					99	27.2	3	99	102	27.7	8	83	28.7	1	106	26.8	0	99	25.5	2
3050	DEKALB	DKC50-26RIB	8	P5					97	26.8	2	100	101	29.7	0	91	28.9	7	98	24.9	0	95	23.5	2
3050	Maizex	MZ 402X	0	F					107	27.5	4	99	110	30.1	9	101	27.1	3	107	27.6	1	107	25.2	2
3050	Maizex	MZ 4092DBR	6	F	101	25.7	1	100	101	27.5	1	101	97	27.9	2	101	30.0	2	100	27.3	0	107	24.8	1
3050	Maizex	MZ 4280DBR	6	F	108	26.0	2	99	110	27.5	4	99	111	29.8	2	108	28.8	8	111	26.3	3	111	25.0	2
3050	NK Brand	NK0199 3122A	26	C	93	26.8	1	99	90	29.5	1	97	94	30.8	0	98	27.5	0	82	29.8	1	87	29.8	4
3050	Pioneer	P0157AMXT	24	L	102	28.1	1	99	101	29.3	1	100	106	30.7	0	110	30.7	2	96	27.5	1	95	28.4	3
3100	CROPLAN	4350SS/RIB	8	A					95	29.0	0	96	96	32.1	0	88	25.2	0	98	29.7	0	95	29.0	1
3100	DEKALB	DKC52-84RIB	8	P5	99	26.4	0	97	98	27.6	1	97	105	28.9	2	117	29.6	0	89	27.3	0	87	24.7	1
3100	DEKALB	DKC53-72RIB	8	P5	100	26.0	1	99	100	27.5	2	98	100	30.0	0	107	28.0	0	90	27.3	0	105	24.6	7
3125	Legend Seeds	LR 9203 GENSSRIB	8	C	100	27.9	0	98	102	28.7	1	98	102	31.1	1	100	30.5	1	102	28.0	1	101	25.4	1
3125	Legend Seeds	LR 9503 GENSSRIB	8	C	99	28.6	1	98	101	29.1	2	98	105	30.0	0	106	31.0	6	94	28.9	0	99	26.4	2
LSD (0.10) for Yield Index Points*					4				6				10			16			11			12		
Average all hybrids **					219 24.7 1 67				208 25.9 2 66				230 27.1 2			162 26.3 2			232 26.5 1			209 23.7 2		

¹ Ottawa 2016-2017, Winchester 2016-2017, Waterloo 2016-2017, Blyth 2016-2017 ² Ottawa, Winchester, Waterloo, Blyth

* 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. For example, when the LSD for yield is 10, two hybrids with indexes of 110 and 101 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. Results for hybrids with very high moisture contents should be interpreted with caution.