

HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (86 - 97 Day)

TABLE 3E.

2009		EARLY - TRIAL AVERAGE						% QUALITY			HURON - EARLY			MASON - EARLY			MONTCALM - EARLY									
BRAND /HYBRID	RM	TRT	TRAIT	%H2O	BUJA	Twt	%SL	%Std	Prot	Oil	Starch	%H2O	BUJA	Twt	%SL	%Std	%H2O	BUJA	Twt	%SL	%Std					
BAYSIDE 609AYGCBRR	94	P250	1,2	25.9	153.8	52.2	3.2	87	9.1	5.1	70.0	25.6	170.4	52.6	7.0	91	28.2	182.6	51.7	0.4	92	23.9	108.3	52.2	2.1	77
BAYSIDE 6096	96	P250		29.1	162.8	51.4	1.4	93	8.7	4.0	70.9	27.0	193.7	52.2	1.7	91	33.7	174.3	50.9	0.8	95	26.6	120.5	51.0	1.8	92
CHANNEL 193-45R Brand	93	P250	1	26.3	172.6	52.0	1.3	88	8.9	4.8	69.3	25.8	198.4	52.1	0.0	91	27.3	167.8	51.8	0.4	82	25.7	151.6	52.0	3.5	92
CHANNEL 195-46VT3 Brand	95	P250	1,2,3	26.1	162.7	52.1	1.7	99	8.7	4.8	70.5	26.4	184.7	52.0	1.9	98	27.5	188.1	51.8	0.0	99	24.5	115.4	52.5	3.2	99
CHANNEL 197-14VT3 Brand	97	P250	1,2,3	29.6	175.4	51.2	1.6	96	9.3	5.0	69.0	30.0	191.8	51.2	2.0	94	32.0	189.4	51.0	1.2	95	26.8	145.0	51.5	1.6	100
CROPLAN 3424VT3	94	C250	1,2,3	26.8	172.8	52.0	2.2	97	8.9	4.6	70.1	26.8	187.9	51.9	1.9	94	28.0	185.6	51.7	2.3	99	25.5	144.8	52.3	2.3	98
DAIRYLAND STEALTH-9286	86	P250	1,2,3	24.4	167.4	52.6	1.3	99	8.3	4.5	70.1	23.4	195.5	52.9	0.6	98	25.2	181.4	52.3	1.3	100	24.7	125.4	52.7	1.9	99
DAIRYLAND STEALTH-7891	91	P250	1,2,4	24.4	160.4	52.8	3.8	94	9.0	5.0	69.3	22.7	168.1	53.4	3.2	95	26.7	186.1	52.1	0.4	97	23.8	127.1	53.0	7.9	91
DAIRYLAND STEALTH-6992	92	P250	1	25.1	185.7	52.5	0.8	99	8.5	4.9	70.3	23.4	192.3	52.9	0.0	96	26.6	198.1	52.0	0.3	99	25.3	166.6	52.5	2.2	100
DAIRYLAND STEALTH-9196	96	P250	1,2,3	27.6	162.3	51.9	1.9	98	9.0	5.4	69.4	25.9	171.9	52.2	3.1	97	29.3	183.0	51.5	1.0	99	27.7	132.1	51.9	1.6	98
DAIRYLAND STEALTH-9597Q	97	C250	1,2,3,4	28.8	168.7	51.5	2.7	98	8.9	3.4	72.2	28.8	172.7	51.5	5.0	96	33.1	190.1	50.8	0.0	99	24.6	143.2	52.3	3.2	98
DEKALB DKC42-72 (VT3)	92	P250	1,2,3	25.5	169.6	52.3	1.5	98	9.2	4.8	68.9	24.8	182.5	52.4	1.9	98	26.2	191.1	52.1	0.3	100	25.4	135.3	52.5	2.3	97
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	26.3	162.7	51.9	2.5	97	8.0	5.0	70.3	26.2	171.1	52.1	2.8	91	28.4	182.2	51.7	1.4	99	24.3	128.8	51.9	3.2	100
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	26.0	164.2	52.0	0.7	98	7.9	4.8	70.7	25.7	175.4	52.1	0.0	97	28.0	182.0	51.8	1.0	99	24.3	135.2	52.2	1.0	99
DYNAGRO 54V78	96	P250	1,2,3,14	25.2	181.5	52.4	2.4	97	8.9	5.5	68.7	24.3	193.1	52.7	6.3	95	26.4	196.0	52.1	0.0	99	24.8	155.5	52.3	1.0	97
DYNAGRO CX09892	92	P250	1,2	24.6	178.2	52.6	1.2	98	8.4	4.9	70.8	23.9	187.8	52.7	0.0	94	26.3	202.9	52.0	0.7	100	23.6	143.8	53.2	2.9	99
G2 GENETICS 1X-795 HXT/LL	95	C250	2,3,4	31.2	141.4	51.1	5.1	84	8.5	4.3	72.3	26.0	171.6	52.1	5.0	90	35.5	168.8	50.6	0.0	89	32.0	83.7	50.6	10.3	72
G2 GENETICS 5H-999B RR/HX	97	C250	1,2,4	28.3	178.8	51.5	1.1	94	8.9	4.1	69.6	29.1	197.2	51.4	1.7	87	30.8	208.8	51.1	0.7	99	25.0	130.4	52.0	1.0	95
G2 GENETICS 5H-199 RR/HX	97	C250	1,2,4	28.2	188.4	51.7	1.1	92	9.5	4.6	70.3	28.4	204.3	51.6	1.4	89	31.3	211.3	51.1	0.3	97	24.9	149.5	52.4	1.5	91
G2 GENETICS 5H-797 RR/HX	97	C250	1,2,4	28.6	176.8	51.7	0.7	96	8.8	4.2	70.1	27.8	185.6	51.8	0.6	94	32.6	187.7	51.0	0.4	98	25.4	157.0	52.3	1.0	94
G2 GENETICS 5H-999 RR/HX	97	C250	1,2,4	28.4	179.2	51.5	2.0	96	8.6	4.0	70.3	28.4	194.2	51.5	4.1	89	30.5	203.4	51.2	0.0	98	26.3	140.0	51.9	1.9	99
GREAT LAKES 4481G3VT3	94	P250	1,2,3	26.0	169.7	52.3	2.1	94	8.4	4.3	70.3	26.8	178.2	52.1	2.4	85	27.4	192.3	51.8	1.7	98	23.8	138.6	53.1	2.2	99
GREAT LAKES 4689G3VT3	96	P250	1,2,3	30.9	159.2	51.0	0.9	96	9.4	5.0	70.0	29.6	175.4	51.0	0.3	92	32.9	178.9	51.0	0.4	99	30.2	123.3	51.1	1.9	98
HYLAND SEEDS H9204BRC	92	P250	1,2,3	26.2	173.3	52.1	0.9	96	8.0	4.9	71.2	25.9	189.5	52.1	0.3	94	25.8	183.9	52.2	1.4	96	26.9	146.4	51.9	1.0	99
HYLAND SEEDS H9205BRC	95	P250	1,2,3	26.0	165.4	52.1	1.9	96	8.9	4.5	70.5	24.3	168.9	52.5	2.0	92	25.4	188.5	52.1	0.7	99	28.2	138.9	51.6	3.0	97
HYLAND SEEDS HLCVR54	92	P250	1,2,3	25.5	169.5	52.3	1.9	96	9.7	5.4	68.6	25.0	189.8	52.2	3.5	93	27.9	196.2	51.7	0.3	99	23.7	122.6	53.0	2.0	96
HYLAND SEEDS HLCVR64	97	P250	1,2,3	27.6	167.0	52.0	1.0	97	9.5	4.6	69.7	26.8	168.6	52.0	0.7	93	31.3	189.4	51.2	0.3	100	24.7	143.1	52.9	1.9	100
LEGACY SEEDS L-3538VT3	95	P250	1,2,3	29.1	174.7	51.5	2.4	93	9.2	5.0	69.8	28.8	179.7	51.5	4.1	90	29.0	200.7	51.5	0.0	97	29.5	143.8	51.5	3.0	92
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	26.8	156.7	52.0	3.6	93	7.6	4.6	72.4	26.4	169.5	52.3	6.3	89	28.4	180.5	51.7	0.4	95	25.6	120.2	52.1	4.0	95
M&W SEEDS-47G51	94	P250	1,2,3	25.5	167.9	52.2	2.3	94	10.4	5.4	67.5	23.6	187.4	52.7	4.5	94	28.0	192.3	51.8	0.4	94	25.0	124.1	52.0	2.0	95
NK Brand N29A	92	C250	1	27.8	172.2	51.8	1.3	98	8.8	5.0	69.6	23.7	189.5	52.7	2.2	94	31.8	186.6	51.1	0.4	99	28.0	140.5	51.7	1.3	100
NK Brand N34N	95	C250	2,3,4	26.5	175.2	52.1	1.3	94	8.8	5.1	69.6	24.7	187.0	52.4	2.0	90	30.3	186.3	51.3	0.7	97	24.5	152.4	52.5	1.3	94
NuTech 3T-393 VT3	93	C250	1,2,3	26.3	173.3	52.3	1.9	97	9.5	5.1	68.7	23.5	181.7	52.9	3.7	97	29.8	184.2	51.4	0.4	97	25.7	153.9	52.5	1.6	98
NuTech 3T-894 VT3	94	P250	1,2,3	25.0	168.2	52.0	1.1	96	8.3	4.9	70.0	26.3	185.8	52.1	1.0	92	24.2	187.7	52.6	1.7	100	24.4	131.0	52.1	0.7	97
NuTech 3T-295 VT3	95	P250	1,2,3	26.2	151.6	52.0	2.7	98	8.0	4.5	71.7	26.1	157.0	52.0	3.9	94	27.0	179.5	51.9	1.4	100	25.6	118.2	52.2	2.8	100
NuTech 3T-098 VT3	97	C250	1,2,3	29.9	159.8	51.4	1.6	97	8.9	4.9	70.0	30.3	175.1	51.2	1.6	96	33.7	181.7	50.8	0.7	96	25.7	122.6	52.2	2.5	100
NuTech 3T-098B VT3	97	C250	1,2,3	32.2	169.4	51.0	1.2	93	10.9	5.0	67.5	30.4	182.3	51.2	1.3	94	34.6	188.4	50.7	0.4	88	31.6	137.6	51.1	2.0	96
NuTech 3A-198 GT	97	P250	1	29.6	157.6	51.4	0.5	88	8.6	4.6	70.9	26.6	178.3	51.9	0.7	86	33.6	175.8	50.8	0.4	90	28.7	118.8	51.5	0.4	87
NuTech 5N-398 GT/CBLLRW	97	C250	11,2,3,4	30.4	167.2	51.4	1.2	95	9.4	5.1	69.4	28.4	177.8	51.6	2.2	95	34.4	180.4	50.8	0.0	97	28.3	143.5	51.7	1.4	94
PIONEER 38N88	92	P250	1,2,4,11,12	25.1	171.5	52.6	2.6	92	9.1	4.7	69.5	24.2	183.5	52.6	2.7	88	28.7	185.6	51.6	0.0	93	22.4	145.5	53.6	5.2	97
PIONEER 38M60	94	P250	1,2,3,4,11,14	24.3	164.2	52.7	2.6	98	8.5	4.3	70.1	24.7	174.4	52.5	4.0	97	25.7	175.4	52.2	0.0	97	22.6	142.8	53.5	3.8	99
PIONEER 38P43	95	P250	1,2,3,4,12	26.0	153.7	52.4	1.7	96	9.0	3.8	70.9	25.4	171.3	52.2	2.8	97	28.6	179.1	51.7	0.7	94	24.0	110.6	53.3	1.6	97
RENK RK434RRYCCB	92	P250	1,2	25.6	183.7	52.4	0.9	98	8.8	5.4	69.1	25.0	205.2	52.4	0.0	96	26.5	192.4	52.1	1.3	100	25.2	153.4	52.6	1.3	99
RENK RK501VT3	95	P250	1,2,3	28.5	173.9	51.5	2.6	94	9.6	5.5	68.4	29.4	185.7	51.4	4.1	91	29.3	189.8	51.4	0.7</						

RENK RK570VT3	95	P250	1,2,3	25.8	173.7	52.2	2.3	94	9.2	5.2	69.3	24.1	173.8	52.8	4.8	88	26.4	197.1*	52.0	0.0	99	27.0	150.1*	51.7	2.0	96
TRELAY 4RR455	95	P250	1	24.7	171.6	52.7	0.7	97	8.1	4.6	70.6	23.6	185.2	53.0	0.3	92	25.3	193.6	52.4	0.0	99	25.1	136.0	52.6	1.9	100
TRELAY 4VT741	96	P250	1,2,3	28.7	176.4	51.6	1.7	94	8.8	4.5	69.8	29.5	185.9	51.4	1.1	90	28.7	201.0*	51.5	0.7	98	27.8	142.2	52.0	3.4	94
UNITY SEEDS 4490VT3	90	P250	1,2,3	24.9	162.9	52.7	1.4	98	8.6	4.6	69.8	23.9	169.9	52.9	1.0	95	26.6	182.4	52.1	0.7	98	24.1	136.5	53.1	2.5	100
UNITY SEEDS 4496VT3	96	P250	1,2,3	26.5	173.4	52.2	2.2	97	8.7	5.4	69.6	24.1	187.7*	52.7	3.5	96	30.7	176.9	51.3	0.4	97	24.7	155.6*	52.5	2.6	99
AVERAGE				27.0	168.4	52.0	1.8	95	8.8	4.7	70.0	26.2	181.9	52.1	2.5	93	29.2	187.4	51.5	0.6	97	25.8	135.8	52.2	2.4	96
HIGHEST				32.2	188.4	52.8	5.1	99	10.9	5.5	72.4	30.4	205.2	53.4	8.3	98	35.5	211.3	52.6	2.3	100	32.0	166.6	53.6	10.3	100
LOWEST				24.3	141.4	51.0	0.5	84	7.6	3.4	67.5	22.7	155.0	51.0	0.0	85	24.2	167.8	50.6	0.0	82	22.4	83.7	50.6	0.4	72
CV (%)				6.5	7.6	0.9	113.3	6	7.5	4.7	1.5	7.0	7.1	0.9	89.6	6	5.5	5.8	0.5	200.0	5	6.9	10.5	1.2	106.1	5
LSD (5%)				1.4	10.2	0.4	1.7	4	0.9	0.3	1.5	2.6	18.1	0.7	3.1	8	2.2	15.1	0.4	1.6	6	2.5	19.9	0.9	3.6	7

2 Year Averages 2009 - 2008																										
BRAND / HYBRID	RM	TRT	TRAIT	EARLY - TRIAL AVERAGE				% QUALITY				HURON - EARLY				MASON - EARLY				MONTCALM - EARLY						
				%H2O	BU/A	Twt	%SL %Std	Prot	Oil	Stitch	%H2O	BU/A	Twt	%SL %Std	%H2O	BU/A	Twt	%SL %Std	%H2O	BU/A	Twt	%SL %Std	%H2O	BU/A	Twt	%SL %Std
BAYSIDE 6096	96	P250		26.1	184.7*	51.6	1.8	96	8.7	4.6	63.9	25.1	207.1*	52.1	1.2	95	28.4	179.1	50.9	0.7	98	24.8	167.9*	51.8	3.5	95
BAYSIDE 6094YGCRR	94	P250	1,2	23.2	178.8	52.7	2.0	93	8.5	3.7	65.0	23.8	206.6*	53.1	4.3	95	23.6	174.7	52.0	0.2	96	22.4	155.2	53.0	1.5	88
DAIRYLAND STEALTH-9196	96	P250	1,2,3	24.5	183.2*	52.7	1.6	98	8.6	4.8	63.8	23.9	195.9	53.1	2.2	97	25.0	185.8*	52.2	0.8	100	24.4	167.8*	52.7	1.8	98
DEKALB DKC45-79 (VT3)	95	P250	1,2,3	24.9	182.7*	52.1	1.6	98	8.0	4.3	64.0	25.3	202.0	52.0	1.7	95	25.3	187.0*	52.0	0.9	99	24.0	159.0	52.2	2.1	99
DEKALB DKC46-60 (VT3)	96	P250	1,2,3	23.7	186.4*	52.6	0.7	98	8.0	4.3	64.7	24.2	208.3*	52.7	1.0	97	23.7	178.6	52.5	0.5	100	23.3	172.4*	52.7	0.5	97
DYNAGRO 54V78	96	P250	1,2,3,14	23.0	192.0**	52.5	1.9	97	8.7	4.8	63.2	23.5	215.2**	52.9	4.2	95	22.9	184.0*	52.2	0.8	99	22.8	176.8*	52.5	0.7	97
GREAT LAKES 4481G3VT3	94	P250	1,2,3	24.0	183.0*	53.2	1.3	91	8.3	3.9	64.7	24.7	201.3	52.8	1.6	85	24.2	186.8*	52.7	1.2	97	23.2	160.8	54.3	1.1	92
GREAT LAKES 4689G3VT3	96	P250	1,2,3	27.0	184.0*	51.7	1.2	95	9.1	4.4	63.7	27.9	201.8	51.6	0.3	92	27.0	182.7*	51.8	0.7	98	26.2	167.5*	51.9	2.4	96
HYLAND SEEDS HLCVR54	92	P250	1,2,3	23.1	183.4*	52.5	1.6	98	9.2	4.7	63.0	23.7	208.9*	52.8	2.7	96	23.6	181.3*	51.9	0.5	100	22.1	160.2	53.0	1.6	98
LEGACY SEEDS L-3750VT3	97	P250	1,2,3	24.9	178.8	52.7	2.2	95	7.7	4.3	65.7	25.7	195.9	52.5	3.5	93	24.7	183.2*	52.8	0.9	96	24.3	157.3	52.8	2.2	97
NuTech 3T-393 VT3	93	C250	1,2,3	23.5	188.7*	52.5	1.4	98	8.8	4.4	64.0	22.8	207.4*	53.1	2.8	98	24.7	181.0*	51.5	0.3	98	23.1	177.5**	53.0	1.0	98
NuTech 3T-098 VT3	97	C250	1,2,3	26.4	182.9*	52.0	1.3	96	9.9	4.6	62.4	28.2	203.6	51.7	1.0	94	26.9	183.8*	52.0	0.8	98	24.1	161.3	52.4	2.1	97
NuTech 3T-098B VT3	97	C250	1,2,3	27.6	191.5*	51.9	1.1	95	8.9	4.6	63.4	28.5	213.0*	51.5	1.3	95	27.6	190.3**	52.0	0.7	94	26.9	171.2*	52.2	1.3	97
PIONEER 38M60	94	P250	1,2,3,4,11,14	22.9	178.1	53.6	1.7	98	8.4	4.1	63.6	24.0	201.9	53.4	2.5	98	22.9	172.7	53.1	0.5	99	21.7	159.5	54.4	2.1	98
RENK RK570VT3	95	P250	1,2,3	23.2	185.7*	52.5	1.9	97	8.7	4.5	63.8	23.1	204.2	53.1	3.7	94	22.9	185.0*	52.0	0.2	99	23.6	167.8*	52.3	1.8	98
AVERAGE				24.5	184.3	52.5	1.6	96	8.6	4.4	63.9	25.0	204.9	52.5	2.3	95	24.9	182.4	52.1	0.6	98	23.8	165.5	52.8	1.7	96
HIGHEST				27.6	192.0	53.6	2.2	98	9.9	4.8	65.7	28.5	215.2	53.4	4.3	98	28.4	190.3	53.1	1.2	100	26.9	177.5	54.4	3.5	99
LOWEST				22.9	178.1	51.6	0.7	91	7.7	3.7	62.4	22.8	195.9	51.5	0.3	85	22.9	172.7	50.9	0.2	94	21.7	155.2	51.8	0.5	88
CV (%)				5.3	7.0	1.3	113.4	4.6	6.1	6.5	1.4	5.6	5.7	0.9	95.9	5.7	4.9	5.5	1.5	179.7	3.7	5.5	10.2	1.4	102.9	4.3
LSD (5%)				1.4	12.2	0.7	1.9	4.3	0.5	0.3	0.9	1.4	10.9	0.5	2.1	5.2	1.3	10.1	0.8	1.1	3.6	1.3	15.1	0.7	2.2	4.1

** Highest Yielding Hybrid
* Not Significantly Different from Highest Yielding Hybrid