

HURON, MASON & MONTCALM COUNTY GRAIN TRIALS - EARLY (96 Day and Earlier)

TABLE 3E.

2007		EARLY - TRIAL AVERAGE				%QUALITY			HURON - EARLY			MASON - EARLY			MONTCALM - EARLY											
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Starch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd					
BAYSIDE 2090	90			17.1	184.1	598	1.7	93	9.1	3.7	58.6	16.4	141.7	59.4	2.6	91	18.4	207.9	59.8	1.4	95	16.7	202.8	60.3	1.1	93
BAYSIDE 5072RR	93		1	19.5	193.1	562	2.3	99	8.1	3.4	60.5	21.0	148.8	53.8	4.0	98	19.6	209.3	56.9	1.0	100	18.0	221.3	57.8	2.0	99
BAYSIDE 5518RR	95		1	20.1	196.5	566	1.5	97	8.4	3.5	59.9	21.5	156.5	54.6	1.1	96	20.1	215.5	57.1	2.3	100	18.7	217.5	58.2	1.0	96
BAYSIDE 6094YGBRR	94		1,2	18.4	210.5	571	0.3	98	8.5	4.4	58.0	20.3	183.7	55.7	0.0	95	17.8	223.4	57.9	0.7	99	17.2	224.5	57.7	0.3	99
BAYSIDE 6096	96			21.2	201.8	558	1.7	99	8.0	3.6	60.0	22.6	162.4	53.4	0.0	97	21.5	214.1	56.2	2.0	100	19.5	228.8	57.9	2.3	100
BAYSIDE 7092YGPLRR	92		1,2,3	17.7	211.0	585	1.2	99	8.6	4.2	58.0	18.1	180.5	57.2	0.3	99	18.5	217.5	58.8	1.3	99	16.6	234.9	59.5	2.0	100
BAYSIDE Super 93	93			19.3	190.8	564	2.0	97	8.5	4.1	58.7	20.8	155.1	54.0	2.4	97	18.9	211.3	57.5	2.0	100	18.1	206.2	57.7	1.7	95
CROPLAN 314TS	92		1,2,3	17.9	207.4	584	1.3	98	8.2	4.2	58.1	18.7	169.4	57.1	1.7	96	18.4	223.7	58.8	0.3	100	16.5	229.2	59.4	2.0	99
CROPLAN 3456RB	95		1,2	18.4	208.4	576	0.7	99	8.7	4.3	57.6	20.5	175.2	56.1	0.4	99	18.3	232.8	58.0	0.0	99	16.5	217.3	58.7	1.7	99
CROPLAN 382JTS	96		1,2,3	19.5	221.1	575	0.4	99	8.6	4.4	57.7	20.7	192.1	55.7	0.4	98	19.6	240.2	57.9	0.0	100	18.3	230.8	59.0	1.0	99
CROWS 168AT	92		1,2,3	17.6	197.9	589	1.4	92	8.3	4.4	58.2	18.7	176.1	58.3	1.5	89	17.7	205.4	59.1	1.1	92	16.5	212.2	59.2	1.7	96
CROWS 1723VTRR2	95		1,3	18.8	213.9	584	2.1	97	7.3	3.4	60.4	20.4	184.5	57.0	2.0	96	17.6	228.9	58.6	1.3	99	17.6	228.4	59.5	3.1	96
DAIRYLAND STEALTH-1891	91		P250	16.4	194.0	571	2.2	97	9.1	4.8	56.1	15.2	157.8	56.3	2.8	94	17.3	204.9	57.2	1.0	98	16.7	219.3	57.8	3.0	99
DAIRYLAND STEALTH-5194	94		P250	17.3	211.6	579	2.5	100	7.6	3.9	59.1	18.0	183.0	56.9	1.0	100	17.4	216.9	58.0	4.0	100	16.5	234.8	58.9	2.6	100
DAIRYLAND STEALTH-9196	96		P250	18.8	221.9	579	0.8	94	8.0	4.5	59.1	20.4	192.7	56.7	0.7	92	18.3	230.7	58.0	0.7	97	17.7	242.4	59.1	1.0	95
DEKALB DKC41-57 (RR2YGPL)	91		P250	17.4	205.6	590	0.7	98	7.9	4.0	58.4	18.2	170.4	57.8	1.3	97	17.6	223.7	59.1	0.7	98	16.3	222.6	60.1	0.0	99
DEKALB DKC42-95 (RR2YGCGB)	92		P250	17.7	203.0	578	0.6	97	8.1	4.3	58.6	18.0	161.0	56.6	0.7	92	18.5	218.9	58.0	0.7	98	16.7	229.2	58.7	0.3	100
DEKALB DKC43-31 (RR2YGCGB)	93		P250	17.9	212.3	575	1.3	98	7.8	3.7	59.6	19.4	179.0	56.5	0.7	98	17.5	222.5	57.9	1.3	98	16.8	235.2	58.3	2.0	99
DEKALB DKC45-82 (RR2)	95		P250	18.5	211.9	577	2.4	99	8.2	4.0	58.2	19.0	167.2	56.5	1.6	99	18.9	236.0	58.2	2.3	100	17.5	232.5	58.3	3.3	100
DEKALB DKC46-60 (VT3)	96		P250	19.3	219.9	575	0.9	98	7.6	3.9	59.5	21.4	195.9	56.2	0.3	100	18.9	229.3	57.6	1.3	98	17.6	234.5	58.7	1.0	97
DYNAGRO 53B04	92		P250	17.5	207.5	585	1.2	98	8.4	4.0	58.6	17.7	177.3	57.5	0.4	95	18.1	222.9	58.6	1.0	100	16.6	222.3	59.5	2.3	100
DYNAGRO 53K69	95		P250	18.1	210.5	571	2.1	97	7.5	4.1	59.0	19.7	178.9	55.8	1.7	95	17.9	231.9	57.4	1.7	100	16.7	220.8	58.1	3.0	97
DYNAGRO 53P87	94		P250	18.6	203.8	582	1.1	92	8.3	4.9	57.3	19.3	172.9	56.8	0.8	87	18.5	215.0	58.6	1.1	97	17.2	223.4	59.4	1.5	91
GARST 8827CBILL/GT	96		1,2,4	20.6	218.6	564	0.7	99	8.5	4.1	58.1	23.5	174.6	54.2	0.0	98	19.7	232.2	57.1	0.0	100	18.7	249.2	57.9	2.0	100
GARST 8860CBILL	95		C250	18.8	195.4	567	2.7	90	7.8	3.4	59.5	21.1	162.4	54.3	4.8	88	18.2	216.5	57.8	0.7	94	17.1	207.3	58.2	2.6	88
GARST 8921YGT/RR	92		C250	17.7	204.9	581	2.4	97	8.4	4.1	58.5	18.5	170.8	57.4	0.7	96	18.0	223.0	58.7	1.0	99	16.6	210.8	58.2	5.4	98
GARST 8922YG1	90		C250	17.6	206.4	577	2.4	96	7.7	3.9	59.3	19.4	171.9	56.4	0.4	91	17.2	233.4	58.0	2.7	98	16.4	223.9	58.6	4.3	98
GREAT LAKES 4297G3	92		1,2,3	18.1	213.0	584	0.5	100	8.0	3.9	58.6	19.5	182.0	57.1	0.0	100	18.1	224.3	58.8	0.7	100	16.8	232.8	59.3	1.0	100
GREAT LAKES 4415G3VT3	94		P250	18.5	221.0	582	0.7	98	8.0	4.1	59.1	19.8	206.2	56.8	0.7	98	18.0	225.7	58.7	1.3	100	17.7	231.0	59.1	0.0	97
GREAT LAKES 4569G3VT3	95		P250	19.7	224.8	563	1.1	95	7.4	4.4	59.5	22.4	187.4	53.6	0.0	93	18.6	249.5	57.4	0.4	98	18.1	237.5	57.9	2.9	94
GREAT LAKES 4689G3	96		P250	19.8	226.0	569	0.1	99	8.0	4.1	59.2	22.8	194.5	54.1	0.0	97	18.2	236.1	58.2	0.3	100	18.5	247.4	58.5	0.0	99
HYLAND SEEDS HLB282	92		P250	18.1	201.4	573	1.9	91	7.6	4.5	58.5	19.0	163.7	55.9	3.1	88	17.9	218.8	57.7	1.8	94	17.4	221.7	58.4	0.7	90
HYLAND SEEDS HLB286	92		P250	18.9	202.8	576	1.7	100	8.0	3.8	59.5	21.4	156.3	55.0	0.3	100	18.2	223.3	58.0	3.0	100	17.0	228.8	59.6	2.0	100
HYLAND SEEDS HLB38R	92		P250	19.0	209.6	569	0.8	93	8.3	4.0	58.6	21.5	172.8	55.0	0.8	89	18.4	225.7	57.8	1.0	96	17.3	230.3	58.0	0.7	94
HYLAND SEEDS HLCBR54	92		P250	18.7	201.0	570	1.4	89	8.2	4.2	58.8	21.2	169.1	55.3	0.4	89	17.7	213.6	57.8	1.4	93	17.2	220.4	58.0	2.4	86
HYLAND SEEDS HLR238	92		P250	18.8	200.4	570	0.8	92	8.7	4.5	57.7	21.2	171.4	55.1	0.0	91	18.1	221.5	57.9	0.0	91	17.2	208.2	58.0	2.5	94
INTEGRA SEED INT63F90RB	92		1,2,11,13	17.6	194.1	586	2.0	90	8.0	4.0	58.7	18.1	150.0	57.4	2.4	88	18.0	224.0	59.1	0.7	96	16.6	208.4	59.3	2.8	86
INTEGRA SEED INT698VT3	95		P250	18.3	215.7	568	1.2	98	8.2	4.1	58.5	20.1	198.6	55.3	0.0	98	17.8	225.5	57.8	1.6	100	17.0	222.9	57.4	2.0	96
INTEGRA SEED INT9381RB	88		P250	17.4	188.0	600	0.8	95	8.3	4.2	58.1	17.5	167.4	59.8	0.0	91	18.2	199.2	60.2	0.7	96	16.6	197.4	59.9	1.7	97
LEGACY 46M94	99		P250	22.4	198.4	561	1.4	87	8.9	3.6	58.2	26.5	174.8	52.3	0.8	84	21.6	222.7	57.1	0.4	91	19.1	197.9	59.1	3.0	87
MIDWEST 69203T	92		C250	17.4	205.9	597	1.0	93	8.4	4.5	57.6	18.1	177.7	59.9	0.4	92	17.5	219.7	59.2	1.4	96	16.5	220.4	59.9	1.4	91
MIDWEST 69574VTRR2	94		C250	18.9	214.8	585	1.9	98	7.8	3.8	59.5	20.5	175.8	57.0	3.1	95	18.2	237.4	58.9	0.7	100	18.0	231.2	59.7	2.0	99
MYCOGEN 2D326	92		C250	17.9	214.3	584	1.0	99	8.2	4.0	58.6	19.0	185.4	56.9	0.0	98	18.2	231.1	58.7	0.0	100	16.5	226.5	59.5	3.0	100
MYCOGEN 2R428	96		C250	19.2	213.0	578	0.9	98	8.5	4.5	57.9	20.4	182.6	56.1	0.0	99	19.1	227.5	58.3	1.0	100	18.0	228.9	59.0	1.7	95
NK Brand N27-B5	91		C250	16.8	201.2	573	0.8	97	8.4	4.5	57.1	16.2	163.5	56.6	0.4	96	17.4	213.2	57.4	1.0	99	16.8	227.0	57.9	1.0	96

2007

BRAND / HYBRID	RM	TRT	TRAIT	EARLY - TRIAL AVERAGE				%QUALITY				HURON - EARLY				MASON - EARLY				MONTCALM - EARLY						
				%H2O	BUJA	Twt	%SL %Sd	Prot	Oil	Strch	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd				
NuTech 3T-098A VT3	95	P250	1,2,3	19.8	231.6**	57.3	0.2	97	8.1	4.3	58.5	22.6	2024*	54.6	0.0	95	18.4	239.7*	58.6	0.0	97	18.5	252.8**	58.7	0.7	99
NuTech 3T-393 VT3	93	P250	1,2,3	17.9	218.0	56.9	1.6	98	8.3	4.4	58.2	19.4	186.5	55.7	0.7	95	17.2	232.8	57.7	3.3	100	17.0	234.8	57.3	0.7	99
NuTech 3T-595 VT3	95	P250	1,2,3,11,13	18.8	213.1	56.7	0.9	98	7.8	4.5	58.0	20.3	179.4	55.1	0.4	92	18.5	226.4	57.4	3.7	97	17.6	233.5	57.6	1.7	94
NuTech 3T-995 VT3	95	P250	1,2,3,11	19.4	222.8	56.9	1.2	100	7.8	4.2	58.7	22.1	188.5	54.4	0.7	100	18.5	239.9*	57.9	1.6	99	17.6	240.0*	58.5	1.3	99
NuTech 3W-099A RRYGRW	95	P250	1,3	19.8	218.9	58.6	2.6	97	8.5	4.0	58.7	22.1	175.1	56.1	3.4	96	19.0	251.6*	59.5	0.3	100	18.2	230.0	60.3	4.2	96
PIONEER 38M58	94	P250	1,2,4,11	18.5	202.2	58.7	3.2	99	7.7	4.0	58.5	20.1	158.5	56.7	6.4	99	18.5	222.4	59.3	1.3	99	16.9	225.6	60.0	2.0	99
RENK RK438RRYGPL	93	P250	1,2,3	18.1	208.0	58.3	1.8	98	7.9	4.0	58.8	18.8	177.4	57.1	0.7	96	18.4	228.1	58.8	0.7	100	17.1	218.5	58.9	4.0	99
RUPP 8XP02V	94	C1250	1,2,3	18.1	211.5	57.5	1.6	94	8.4	4.3	58.0	19.6	179.3	56.6	0.0	92	17.8	229.8	57.7	1.0	97	17.0	225.4	58.1	3.7	91
SEED CONSULTANTS SC9RR05	91	C250	1	18.5	208.3	57.5	2.6	99	7.7	4.5	58.4	19.6	171.3	55.8	3.9	96	18.4	226.1	58.0	2.3	100	17.5	227.6	58.7	1.7	99
SEED CONSULTANTS SC9VTT38	93	C250		18.3	212.7	56.7	0.7	99	7.9	4.0	59.0	20.9	184.6	54.7	0.0	98	17.4	227.3	57.8	1.6	100	16.8	226.4	57.6	0.3	100
TRELAY 4M629	95	P250	1,2	19.5	227.5*	55.7	1.0	95	8.6	4.1	57.8	22.1	189.9	53.1	0.0	88	18.7	251.8**	56.7	2.7	99	17.8	240.9*	57.3	0.4	97
AVERAGE				18.6	208.7	57.5	1.4	97	8.2	4.1	58.6	20.0	174.4	55.9	1.1	95	18.4	225.6	58.0	1.1	98	17.3	226.1	58.6	1.8	97
HIGHEST				22.4	231.6	60.0	3.2	100	9.1	4.9	60.5	26.5	206.2	59.9	6.4	100	21.6	251.8	60.2	4.0	100	19.5	252.8	60.3	5.4	100
LOWEST				16.4	184.1	55.5	0.1	87	7.3	3.4	56.1	15.2	141.7	52.3	0.0	84	17.2	199.2	56.0	0.0	91	16.3	197.4	56.7	0.0	86
CV (%)				3.3	5.1	1.0	140	3.0	4.0	6.9	1.2	4.5	6.3	1.4	188	4.0	2.6	4.1	0.7	129	3.0	2.0	5.0	0.9	115	4.0
LSD (5%)				0.5	8.5	0.5	1.5	3.0	0.5	0.4	1.0	1.2	15.4	1.1	2.9	6.0	0.7	12.7	0.6	2.0	3.0	0.5	15.9	0.8	2.9	5.0

2 Year Averages 2007 - 2006

BRAND / HYBRID	RM	TRT	TRAIT	TRIAL AVERAGE				%QUALITY				HURON - EARLY				MASON - EARLY				MONTCALM - EARLY						
				%H2O	BUJA	Twt	%SL %Sd	Prot	Oil	Strch	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd				
BAYSIDE 2090	90			18.7	187.9	58.9	2.0	95	9.3	3.9	58.2	18.0	155.2	59.2	3.6	95	20.4	203.9	58.4	1.0	95	17.8	204.6	59.3	1.3	97
BAYSIDE 5072RR	93		1	20.3	198.1	55.9	3.8	98	7.9	3.6	60.5	21.3	172.1	54.7	7.1	99	20.8	202.3	56.1	1.8	97	18.8	219.9	56.8	2.5	99
BAYSIDE 5518RR	95		1	21.1	199.2	56.0	2.8	96	8.4	3.7	59.7	22.0	173.5	54.9	3.9	95	21.9	205.4	56.1	2.3	97	19.5	218.8	57.1	2.1	96
BAYSIDE 6094YGCBBR	94		1,2	20.2	213.7**	56.2	0.5	98	8.2	4.2	58.6	21.1	200.7**	56.0	0.0	98	21.1	220.5*	55.8	0.7	96	18.5	219.9	56.9	0.7	99
BAYSIDE Super-93	93			20.3	194.9	55.8	3.9	94	8.4	4.0	59.3	21.2	175.1	54.8	6.8	94	20.7	201.7	56.0	1.8	93	19.0	207.8	56.7	3.1	96
DAIRYLAND STEAL TH-5194	94	P250	2	19.3	211.2*	57.4	1.8	99	7.5	4.1	59.2	19.6	196.0*	57.5	1.2	98	20.5	212.3	56.4	2.5	99	17.9	225.3*	58.3	1.6	100
DEKALB DK045-82 (RR2)	95	P250	1	20.3	209.2*	57.1	2.3	99	8.0	3.9	58.2	20.3	181.3	56.9	2.9	99	21.5	228.4**	56.8	1.5	99	19.0	217.9	57.6	2.6	100
GARST 8921YG1/IRR	92	C250	1,2	19.6	205.0	57.5	2.1	99	7.9	4.1	58.8	20.0	185.3	57.5	1.2	98	20.9	219.2*	56.8	1.3	100	18.1	210.4	58.2	3.7	99
GARST 8922YG1	90	C250	2	19.4	209.0*	57.4	1.6	97	7.5	3.9	59.2	20.2	189.8	57.3	0.7	95	20.0	214.0	56.7	1.8	98	17.9	223.4*	58.2	2.2	99
HYLAND SEEDS HLB282	92	P250	2	19.8	211.2*	56.9	1.2	95	7.8	4.5	58.5	20.2	194.1*	56.4	1.9	94	20.2	217.1	56.3	1.0	97	18.4	222.4	58.0	0.7	95
INTEGRA SEED INT63F90RB	92	P250	1,2,11,13	19.5	197.5	57.9	1.6	92	7.8	4.0	58.8	19.5	176.3	57.9	1.7	94	21.0	209.8	56.9	1.0	94	17.9	206.4	58.9	2.0	89
INTEGRA SEED INT9381RB	88	P250	1,2	19.4	190.4	59.1	0.8	97	7.9	4.3	58.5	19.4	180.5	57.9	0.2	96	20.7	191.1	58.3	1.3	98	18.2	199.6	59.3	1.1	98
NK Brand N29-A2	92	C250	2,4	19.6	205.7*	57.1	1.6	94	8.7	4.3	57.1	20.0	183.0	56.6	0.7	96	20.3	209.6	56.9	2.5	89	18.7	224.5*	57.7	1.8	96
NK Brand N34-F1	94	C250	2,4	21.0	210.4*	54.9	0.7	98	8.3	3.8	58.5	21.6	182.9	54.3	0.7	96	21.9	214.4	54.7	1.0	98	19.5	233.7**	55.8	0.5	99
RENK RK438RRYGPL	93	P250	1,2,3	19.8	208.9*	57.6	1.7	98	8.0	4.1	58.7	19.9	194.4*	57.5	0.7	98	21.2	217.2	56.8	1.1	98	18.3	215.2	58.5	3.3	99
AVERAGE				19.9	203.5	57.1	1.9	97	8.1	4.0	58.8	20.3	182.7	56.7	2.2	96	20.9	211.1	56.6	1.5	97	18.5	216.7	57.8	1.9	97
HIGHEST				21.1	213.7	59.1	3.9	99	9.3	4.5	60.5	22.0	200.7	59.7	7.1	99	21.9	228.4	58.4	2.5	100	19.5	233.7	59.3	3.7	100
LOWEST				18.7	187.9	54.9	0.5	92	7.5	3.6	57.1	18.0	155.2	54.3	0.0	94	20.0	191.1	54.7	0.7	89	17.8	199.6	55.8	0.5	89
CV (%)				3.0	5.1	1.1	141	4.0	4.0	7.0	1.2	3.5	5.8	1.2	144	4.0	3.1	4.7	1.0	178	4.0	2.4	4.8	0.8	99	4.0
LSD (5%)				0.5	8.6	0.5	1.7	3.0	0.3	0.3	0.7	0.7	10.2	0.7	2.1	4.0	0.6	10.1	0.6	2.1	4.0	0.4	10.6	0.5	1.8	4.0

3 Year Averages 2007 - 2005

BRAND / HYBRID	RM	TRT	TRAIT	TRIAL AVERAGE				%QUALITY				HURON - EARLY				MASON - EARLY				MONTCALM - EARLY						
				%H2O	BUJA	Twt	%SL %Sd	Prot	Oil	Strch	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd	%H2O	BUJA	Twt	%SL %Sd				
BAYSIDE 5072RR	93		1	19.6	199.7	56.3	3.6	98	7.9	3.8	60.3	19.2	170.6	55.9	6.8	99	20.0	207.8	56.4	1.5	97	19.7	220.7	56.7	2.5	97
BAYSIDE 5518RR	95		1	20.4	198.8	56.5	2.6	93	8.5	3.6	59.5	19.9	173.5	56.1	4.0	95	21.0	207.0	56.6	1.7	93	20.4	216.0	56.8	2.1	92
BAYSIDE Super-93	93			19.7	199.1	56.3	3.5	95	8.2	3.9	59.4	19.4	175.7	56.1	6.9	95	20.1	208.9	56.2	1.2	95	19.7	212.8	56.6	2.5	97
GARST 8921YG1/IRR	92	C250	1,2	19.2	206.1	58.1	2.4	98	7.9	4.1	58.7	18.7	183.6*	58.4	3.0	98	20.1	217.1*	57.4	1.1	98	18.8	217.6	58.5	3.2	97
GARST 8922YG1	90	C250	2	18.7	211.4*	57.9	1.8	98	7.5	3.9	59.2	18.6	188.9**	58.2	2.3	96	19.1	215.9*	57.3	1.4	98	18.5	229.4*	58.3	1.8	99
NK Brand N29-A2	92	C250	2,4	19.0	207.8	57.6	1.7	94	8.6	4.3	57.2	18.5	184.1*	57.9	2.3	96	19.6	214.4*	57.2	1.6	91	19.1	227.8	57.7	1.2	95
NK Brand N34-F1	94	C250	2,4	20.2	215.0**	55.5	1.6	99	8.3	3.9	58.5	19.8	188.1*	55.4	3.4	97	20.9									