

TABLE 3E.

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

ZONE 3

2003		HURON					MONTCALM					MASON					TRIAL AVERAGE					QUALITY		
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
BAYSIDE 1795	95	23.4	149.5	51.2	4.8	94	28.0	174.5	49.8	2.1	86	28.1	189.4	49.1	2.6	89	26.5	171.1	50.0	3.2	90	7.9	3.1	60.2
BAYSIDE NorthGro NG5072RR	93	21.6	164.9	52.9	2.9	98	26.0	172.5	50.7	3.3	90	25.8 *	193.5	50.7	1.3	98	24.5	177.0	51.4	2.5	95	7.9	3.5	60.1
BAYSIDE Super 93	93	21.4	161.7	52.3	2.9	98	26.7	179.7	50.2	2.2	88	26.5	188.1	49.3	0.7	96	24.9	176.5	50.6	1.9	94	7.4	3.4	60.7
BROWN 4250YGCB	92	21.4 *	168.9	53.1	1.1	100	25.4 *	196.0	50.3	1.0	95	25.2 *	201.5	50.3	1.3	100	24.0 *	188.8	51.2	1.1	98	7.2	4.1	58.9
CROW'S 1703B	95	23.6 *	176.2	52.7	0.0	100	25.1 *	205.0	50.9	1.3	99	25.9 *	197.9	49.8	0.6	100	24.9 *	193.0	51.1	0.6	100	7.5	4.2	58.2
DAIRYLAND STEALTH-1497	97	22.9 *	168.6	52.3	5.4	101	25.4	184.3	51.0	3.0	96	25.3	191.8	49.7	1.0	100	24.5	181.6	51.0	3.1	99	7.3	4.2	58.4
DEKALB DK440	94	21.2 *	167.3	52.9	3.8	100	26.3	181.9	50.8	1.9	97	25.5 *	206.6	49.9	0.6	100	24.3	185.3	51.2	2.1	99	7.0	4.0	59.4
DEKALB DKC39-45	89	21.9	157.3	54.3	6.2	101	25.6	167.3	52.5	1.3	91	24.5 *	195.8	53.2	0.3	98	24.0	173.5	53.3	2.6	97	7.2	3.8	58.9
DEKALB DKC39-48 (RR/YGCB)	89	23.9 *	165.5	53.2	3.9	92	24.4	172.0	53.3	1.8	85	24.3	181.3	52.4	1.9	89	24.2	172.9	53.0	2.5	88	7.7	3.6	58.8
DEKALB DKC40-57 (YGCB)	90	22.9	161.8	55.6	0.8	100	23.4	187.1	55.5	0.5	94	24.0	189.8	54.7	0.0	99	23.4	179.6	55.3	0.4	98	7.5	4.0	58.8
DEKALB DKC42-95 (RR/YGCB)	92	23.4 *	169.1	52.6	2.5	100	25.6 *	188.9	51.4	0.6	99	25.8 *	196.8	50.6	0.3	100	24.9	184.9	51.5	1.1	99	7.6	3.7	58.7
DEKALB DKC44-46 (RR/YGCB)	94	22.9 *	170.8	52.9	1.5	96	27.4 *	200.6	49.9	1.4	99	27.2 *	198.3	48.6	0.3	100	25.8 *	189.9	50.5	1.1	98	7.3	3.8	59.1
DEKALB DKC46-28 (RR)	96	22.3 *	172.6	53.4	4.6	99	26.4 *	191.5	51.3	0.0	94	25.6 **	206.9	51.3	2.9	100	24.8 *	190.3	52.0	2.5	98	6.9	3.6	59.9
DEKALB DKC47-10 (RR/YGCB)	97	24.0 *	175.4	53.1	1.4	99	26.6 **	213.6	51.3	0.6	98	26.1	191.8	50.2	1.0	100	25.6 *	193.6	51.5	1.0	99	6.9	3.7	59.3
DYNAGRO 51N39	88	19.2	159.9	54.6	2.1	100	22.4	169.5	53.6	1.6	97	23.1	188.8	53.1	0.6	100	21.6	172.7	53.8	1.4	99	8.9	3.9	57.2
DYNAGRO 53F09	94	24.0 *	172.1	51.6	0.5	92	26.4 *	189.2	49.7	0.3	82	26.0 *	195.5	49.1	0.7	92	25.5	185.6	50.1	0.5	89	7.5	4.3	58.0
DYNAGRO 53F49	93	22.2 *	173.6	54.2	0.8	99	25.2 *	196.0	52.5	0.2	90	25.4 *	200.2	51.5	0.3	97	24.3 *	189.9	52.7	0.4	95	6.8	3.6	59.8
DYNAGRO 53K98	94	23.7 *	172.8	52.8	2.4	91	25.9	176.6	50.6	2.0	87	25.7 *	203.5	49.9	1.8	92	25.1	184.3	51.1	2.1	90	7.5	4.2	58.2
DYNAGRO 53P30	92	22.6 *	175.8	53.7	1.2	94	25.1	186.1	53.0	0.9	90	25.2 *	199.7	52.2	1.0	93	24.3	187.2	53.0	1.0	92	7.6	3.9	58.2
DYNAGRO 53P76	90	20.1 *	167.8	54.4	2.9	99	25.4 *	193.7	52.3	1.3	99	24.6	190.9	52.3	0.7	99	23.4	184.1	53.0	1.6	99	7.1	3.2	60.5
DYNAGRO 54K11	96	20.8	155.7	53.3	3.6	97	27.8	180.6	50.2	2.4	89	28.0	189.3	49.2	0.7	91	25.5	175.2	50.9	2.2	92	8.1	3.1	59.8
DYNAGRO DG-5240Bt	96	23.7	159.9	51.8	1.2	89	28.0	175.0	50.2	1.0	79	28.1	185.5	49.1	0.0	86	26.6	173.5	50.4	0.7	85	7.8	3.1	60.6
DYNAGRO DG-5257	94	21.1	163.6	51.9	0.8	98	28.5	169.8	50.0	2.0	91	29.6 *	193.7	49.1	1.0	99	26.4	175.7	50.3	1.3	96	8.2	3.6	59.1
GARST 8880YG1	95	22.3 *	173.3	52.7	0.0	99	26.1 *	208.7	50.1	1.1	98	25.9	192.2	49.2	0.0	98	24.8 *	191.4	50.7	0.4	99	7.3	4.3	58.4
GARST ND876RR	95	22.6 *	171.7	53.3	2.5	100	26.2	187.2	50.0	0.6	96	25.2 *	193.7	49.7	1.0	98	24.7	184.2	51.0	1.4	98	7.2	4.3	58.2
GENESIS 2B95RR	95	22.8	160.3	51.9	3.2	98	28.5	179.8	49.5	2.3	86	29.0 *	194.5	48.5	0.0	94	26.8	178.2	50.0	1.8	93	8.0	3.1	59.9
GENESIS 2D93RRYGCB	93	20.2	163.2	56.2	0.0	91	24.9 *	190.0	53.4	1.9	95	25.2	191.8	51.9	1.6	99	23.4	181.7	53.8	1.2	95	7.7	3.0	59.5
GENESIS 2D97RRYGCB	97	23.3	164.6	51.7	2.2	97	28.0 *	197.0	50.0	2.0	88	27.5 *	197.7	49.2	1.0	92	26.3	186.4	50.3	1.7	92	8.0	3.2	59.9
GENESIS 3C96YG	96	22.3	164.0	54.6	0.0	100	24.6	182.1	52.5	1.0	98	24.1 *	196.5	51.5	0.3	100	23.7	180.9	52.9	0.4	99	8.3	2.9	58.7
GENESIS 3D92YGCB	92	22.4	160.5	52.8	1.2	95	26.4 *	202.6	51.0	1.7	93	25.2 *	201.3	50.7	1.3	98	24.7	188.1	51.5	1.4	95	8.2	3.1	58.8
GOLDEN HARVEST H-7267Bt	97	23.9	158.9	51.8	0.8	90	27.2	162.4	49.7	2.1	75	26.9	187.5	49.5	1.0	92	26.0	169.6	50.3	1.3	86	8.2	3.5	59.8
GOLDEN HARVEST H-7287	97	21.9	154.6	51.4	4.5	96	27.9	185.5	50.3	2.7	92	28.4	180.7	48.9	1.1	90	26.1	173.6	50.2	2.8	92	7.8	3.1	60.1
GREAT LAKES 4297BtRR	92	22.0	165.1	54.1	4.0	92	24.0	180.2	53.1	0.3	86	25.3	191.1	51.6	2.1	94	23.8	178.8	52.9	2.1	90	7.4	3.7	58.6
GREAT LAKES 4623Bt	96	22.9	161.9	52.3	1.9	97	25.4 *	201.9	50.7	2.4	100	25.7 *	193.6	49.5	1.0	100	24.7	185.8	50.8	1.8	99	7.2	3.9	59.0
HIGH CYCLE HC7454Bt	97	22.9 *	176.9	53.1	0.4	102	25.9 *	201.1	50.0	0.8	95	25.5 *	205.5	49.3	0.3	99	24.8 **	194.5	50.8	0.5	99	7.3	4.1	58.7
HYLAND SEEDS HL2368	90	20.7	159.5	53.4	2.8	100	25.6 *	191.1	50.7	1.3	97	25.1 *	200.3	50.2	0.7	99	23.8	183.6	51.4	1.6	98	7.0	4.0	59.2
JUNG 6432Bt	95	22.1 *	170.5	53.5	1.1	100	26.2 *	198.0	49.9	0.6	97	26.0	191.3	49.0	1.0	99	24.8	186.6	50.8	0.9	99	7.1	4.3	58.6
LG SEEDS LG2415	92	21.8	142.8	53.2	6.8	94	25.7	178.1	51.9	4.6	91	24.3 *	200.0	52.3	0.7	93	23.9	173.6	52.5	4.0	92	8.5	3.4	58.7
LG SEEDS LG2463Bt	96	22.7 *	167.6	52.6	2.5	100	25.4 *	205.7	50.6	0.2	98	25.0 *	197.9	49.8	0.7	100	24.4 *	190.4	51.0	1.1	99	7.3	4.2	58.6
MIDWEST GENETIC G6963B	95	22.5 *	167.1	53.2	2.1	100	25.5 *	203.1	50.2	1.5	97	25.3 *	194.9	49.8	1.6	100	24.4 *	188.4	51.1	1.7	99	7.1	4.0	59.0
MYCOGEN 2K350	93	22.5	155.0	54.0	4.3	99	24.7	186.1	52.5	2.0	96	25.0	193.0	50.9	0.7	99	24.1	178.0	52.5	2.3	98	8.5	4.3	56.8
MYCOGEN 2R426	96	22.5 *	168.3	52.7	1.4	98	25.8 *	197.4	50.3	1.2	94	25.3 *	195.7	49.6	0.6	100	24.5	187.1	50.9	1.1	97	7.2	4.1	58.8
NK Brand N22-T8	87	22.5	144.6	57.3	3.6	99	24.7	181.7	56.3	0.8	96	25.6	165.5	54.8	0.3	97	24.3	163.9	56.1	1.6	97	9.0	2.9	59.4
NK Brand N2555Bt	90	20.8 *	171.0	56.0	0.7	100	23.9	186.5	54.2	0.9	97	25.5 *	194.7	53.0	1.0	99	23.4	184.1	54.4	0.9	98	8.1	4.0	58.2
NK Brand N3030Bt	93	22.7 **	178.3	54.5	1.8	100	24.9 *	194.6	52.4	1.1	100	25.6 *	198.8	50.8	0.7	100	24.4 *	190.6	52.6	1.2	100	8.4	4.0	58.4

NK Brand N35-B8	96	21.4	*	168.3	54.5	1.4	99	27.8	*	201.9	49.7	0.8	100	27.7	188.3	48.8	1.3	100	25.6	186.2	51.0	1.2	100	8.1	4.0	57.8		
PIONEER 37D25	97	20.6	*	166.4	54.0	3.9	99	24.6	*	192.2	50.2	1.1	88	25.6	*	205.5	49.6	0.3	96	23.6	188.0	51.3	1.8	94	8.5	3.7	58.1	
PIONEER 38A25	96	22.3		164.9	54.9	3.4	98	25.0	*	200.8	52.8	2.3	97	25.2	*	206.8	52.0	0.0	100	24.2	*	190.8	53.2	1.9	99	8.3	3.7	58.0
PIONEER 38G60	90	19.5		160.5	54.6	1.8	100	22.4		163.2	52.9	1.9	91	24.1		187.7	52.2	1.0	98	22.0		170.5	53.2	1.6	97	8.5	3.8	57.4
PIONEER 38P04	95	22.7		155.0	54.0	5.3	96	25.4		174.2	52.1	2.2	77	25.7	*	197.0	51.9	0.4	95	24.6		175.4	52.7	2.6	89	8.7	3.5	57.9
RENK RK438RRYGCB	92	23.3		163.9	53.6	1.6	92	25.0	*	196.8	53.3	1.0	95	26.2		187.3	51.3	0.0	95	24.8		182.7	52.7	0.9	94	7.4	3.6	59.2
RENK RK488YGCB	97	23.5	*	172.9	52.6	1.1	99	25.5	*	190.8	50.8	2.4	94	25.4	*	200.6	50.0	0.6	100	24.8		188.1	51.1	1.4	97	7.6	4.3	57.9
RENK RK556	97	21.4		148.5	53.1	2.5	99	27.0		184.2	50.3	2.4	90	27.5		189.3	49.0	1.1	93	25.3		174.0	50.8	2.0	94	8.0	3.0	60.3
VIGORO V28Y31	88	22.0		157.3	54.4	0.7	98	23.6		170.6	52.9	0.6	87	25.0	*	200.1	51.8	1.6	100	23.5		176.0	53.0	1.0	95	8.0	4.2	58.0
VIGORO V2940	89	24.7		147.3	52.7	3.3	74	27.9		158.6	50.8	6.9	60	25.6		170.8	50.0	1.9	70	26.1		158.9	51.2	4.0	68	8.7	3.4	58.1
VIGORO V30R46	90	20.0		144.6	56.0	4.3	93	23.0		171.9	54.6	2.2	90	24.2		182.2	52.8	0.3	95	22.4		166.2	54.5	2.3	93	8.6	3.1	59.1
Average		22.2		163.9	53.4	2.4	97	25.8		186.7	51.4	1.6	92	25.8		193.8	50.6	0.9	96	24.6		181.5	51.8	1.6	95	7.8	3.7	58.9
Highest		24.7		178.3	57.3	6.8	102	28.5		213.6	56.3	6.9	100	29.6		206.9	54.8	2.9	100	26.8		194.5	56.1	4.0	100	9.0	4.3	60.7
Lowest		19.2		142.8	51.2	0.0	74	22.4		158.6	49.5	0.0	60	23.1		165.5	48.5	0.0	70	21.6		158.9	50.0	0.4	68	6.8	2.9	56.8
CV (%)		6.4		5.6	2.1			3.4		5.0	1.4			3.0		5.0	1.6			4.4		5.2	1.8			4.0	6.4	1.1
LSD (.05%)		2.0		12.8	1.6			1.2		26.3	1.0			1.1		13.6	2.2			0.7		6.3	0.6			0.4	0.7	0.9

2002 & 2003 Averages		HURON					MONTCALM					MASON					TRIAL AVERAGE					QUALITY						
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL %Std	%H2O	Bu/A	Twt	%SL %Std	%H2O	Bu/A	Twt	%SL %Std	%H2O	Bu/A	Twt	%SL %Std	%H2O	Bu/A	Twt	%SL %Std	Prot	Oil	Strch				
BAYSIDE 1795	95	21.1	163.0	53.5	7.3	95	25.4	193.0	51.7	4.7	90	25.5	207.0	50.7	2.3	94	24.0	187.7	51.9	4.3	95	8.3	3.5	59.8				
BAYSIDE NorthGro NG5072RR	93	19.9	169.5	54.2	5.8	98	23.7	189.5	51.9	5.3	94	24.4	205.6	51.4	1.5	99	22.6	188.2	52.6	4.0	100	7.9	3.6	60.5				
BAYSIDE Super 93	93	20.1	163.7	54.0	4.8	98	24.3	189.9	51.5	4.3	94	24.3	207.2	50.7	1.7	98	22.9	187.0	52.0	3.4	99	7.8	3.6	60.4				
DEKALB DKC44-46 (RR/YGCB)	94	20.9	**	183.1	53.9	2.5	98	25.1	**	231.6	51.7	1.4	96	25.3	*	216.6	50.5	1.0	100	23.8	**	210.4	52.1	1.6	100	7.5	3.9	59.1
DEKALB DKC46-28 (RR)	96	21.0	*	178.5	54.6	6.2	99	23.9		211.3	53.1	2.4	93	25.1	*	216.6	51.7	4.1	100	23.3		202.1	53.2	3.8	99	7.4	4.0	59.5
DYNAGRO DG-5257	94	20.3		174.6	53.7	3.9	99	25.3		196.3	52.1	3.4	95	27.4		207.9	50.2	2.1	100	24.3		192.9	51.9	3.0	100	8.6	3.8	59.0
GENESIS 2B95RR	95	21.0		172.4	54.0	4.2	98	25.6		199.8	51.6	4.4	93	26.3	*	212.3	50.7	1.1	97	24.2		194.8	52.2	3.2	98	8.3	3.4	59.5
GENESIS 3C96YG	96	20.6		172.3	56.0	0.8	96	23.0		202.8	54.3	1.1	91	22.8		210.7	52.7	0.2	96	22.2		195.3	54.3	0.6	96	8.8	3.3	58.8
GOLDEN HARVEST H-7287	97	20.3		164.1	53.7	6.0	96	25.1		202.4	52.1	4.2	92	25.9		199.8	50.5	1.6	93	23.8		188.8	52.0	3.8	96	7.9	3.5	60.4
NK Brand N2555Bt	90	20.6		171.6	56.3	1.1	96	23.2		207.3	54.9	1.3	97	24.9		190.8	52.9	3.3	99	23.0		189.9	54.6	1.7	100	8.3	4.1	58.7
NK Brand N3030Bt	93	21.3	*	176.7	55.0	3.7	100	24.2		216.6	53.2	1.1	98	25.7		204.1	51.2	10.5	99	23.8		199.2	53.2	4.9	101	8.4	4.0	58.6
PIONEER 37D25	97	20.0		167.2	54.6	6.5	98	23.1		218.4	51.8	5.4	94	25.1	**	221.7	50.2	0.5	97	22.8		202.4	52.1	4.1	99	8.6	3.6	58.5
PIONEER 38A25	96	21.3		155.9	54.8	10.0	99	24.6		219.7	54.1	1.1	99	25.7		183.6	52.4	4.9	100	23.8		186.4	53.8	5.3	102	8.4	3.9	58.5
RENK RK556	97	20.3		158.7	54.3	3.9	99	24.6		196.8	51.6	4.0	93	25.1	*	214.0	50.8	1.5	96	23.3		189.8	52.3	2.9	98	8.4	3.2	60.1
VIGORO V28Y31	88	20.9		162.0	55.2	3.4	98	22.5		202.0	54.3	0.5	93	24.7		201.7	51.6	2.3	100	22.7		188.5	53.7	1.7	99	8.4	4.1	58.3
Average		20.6		168.9	54.5	4.7	98	24.3		205.2	52.7	3.0	94	25.2		206.6	51.2	2.6	98	23.4		193.5	52.8	3.2	99	8.2	3.7	59.3
Highest		21.3		183.1	56.3	10.0	100	25.6		231.6	54.9	5.4	99	27.4		221.7	52.9	10.5	100	24.3		210.4	54.6	5.3	102	8.8	4.1	60.5
Lowest		19.9		155.9	53.5	0.8	95	22.5		189.5	51.5	0.5	90	22.8		183.6	50.2	0.2	93	22.2		186.4	51.9	0.6	95	7.4	3.2	58.3
CV (%)		1.1		6.0	1.3			0.7		5.2	0.9			0.8		6.3	0.9			0.9		5.9	1.1			7.5	7.8	3.5
LSD (.05%)		0.9		8.3	0.7			0.6		8.3	0.5			0.7		10.4	0.6			0.5		5.2	0.4			0.4	0.2	0.6

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

TABLE 3E. - Three year data continued on page 23.

TABLE 3E. - Continued from page 19

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

ZONE 3

2001 - 2003 Averages		HURON					MONTCALM					MASON					TRIAL AVERAGE					QUALITY		
Brand / Hybrid	RM	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	%H2O	Bu/A	Twt	%SL	%Std	Prot	Oil	Strch
BAYSIDE 1795	95	20.4	143.5	54.7	5.4	83	23.9	202.6	52.6	5.3	89	25.8	198.6	51.2	2.3	89	23.4	181.8	52.8	4.0	89	8.8	3.9	63.5
BAYSIDE Super 93	93	19.5	156.7	55.3	6.8	95	23.0	202.2	52.7	4.7	96	24.2 *	207.4	51.1	1.6	97	22.2	188.8	53.1	4.2	97	8.5	4.0	63.8
DEKALB DKC39-45	89	20.1	139.3	56.5	8.1	83	23.1	194.8	55.6	3.3	95	23.5	190.3	54.8	1.2	99	22.2	175.2	55.7	4.1	92	8.3	4.5	64.1
DYNAGRO DG-5257	94	19.9 *	167.5	55.1	11.2	97	24.2	212.2	52.9	3.9	97	27.0 **	211.3	50.7	2.4	100	23.7 *	196.8	52.8	5.8	99	9.0	4.1	62.7
NK Brand N2555Bt	90	20.3 *	166.6	57.4	11.0	98	22.4 *	220.5	56.0	1.2	98	24.1	185.6	53.3	5.1	99	22.3	190.5	55.5	5.6	100	8.6	4.4	62.3
NK Brand N3030Bt	93	20.8 **	169.9	56.2	15.6	97	23.4 **	224.8	54.3	2.1	98	24.8	199.0	52.0	9.8	99	23.1 **	197.6	54.2	9.1	100	8.9	4.4	62.0
RENK RK556	97	20.1	154.5	55.3	7.3	95	23.4	212.8	52.9	5.1	96	25.3 *	211.1	51.4	1.1	97	23.0	192.6	53.2	4.4	97	8.8	3.7	63.5
Average		20.2	156.8	55.8	9.3	93	23.3	210.0	53.9	3.7	95	25.0	200.5	52.1	3.4	97	22.8	189.1	53.9	5.3	96	8.7	4.2	63.1
Highest		20.8	169.9	57.4	15.6	98	24.2	224.8	56.0	5.3	98	27.0	211.3	54.8	9.8	100	23.7	197.6	55.7	9.1	100	9.0	4.5	64.1
Lowest		19.5	139.3	54.7	5.4	83	22.4	194.8	52.6	1.2	89	23.5	185.6	50.7	1.1	89	22.2	175.2	52.8	4.0	89	8.3	3.7	62.0
CV (%)		1.0	6.5	1.2			0.7	5.3	0.8			0.8	6.0	0.9			0.9	5.9	1.0			7.5	7.9	3.5
LSD (.05%)		0.6	7.1	0.5			0.5	7.1	0.4			0.6	8.0	0.5			0.3	4.3	0.3			0.3	0.2	0.6