

TABLE 4.

GRAND TRAVERSE, MENOMINEE (LATE) & OGE MAW COUNTY GRAIN TRIALS (80 - 94 Day)

ZONE 4

2008				TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE					OGE MAW				
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE 1084HXRR	84	P250	1,2,4	22.7	140.1	52.4	14.2	95	7.4	3.6	59.2	27.0	139.2 *	49.5	14.1	94	19.8	119.2	53.5	27.0	105	21.2	161.8	54.1	1.5	87
BAYSIDE 1541RR	81		1	22.1	139.2	51.8	2.2	101	8.0	4.0	58.1	25.5	107.6	49.1	2.9	99	18.2	129.7	54.9	1.7	106	22.6	180.2 *	51.5	1.9	97
BAYSIDE 1582YGCBRR	82		1,2	22.7	124.5	50.4	5.5	100	7.6	3.7	58.8	27.1	91.3	47.4	1.7	96	18.3	123.1	53.2	13.5	106	22.7	159.1	50.5	1.3	97
BAYSIDE 2090	90			22.7	120.7	50.8	1.3	99	7.8	3.6	58.8	27.4	102.1	47.4	1.0	94	19.5	108.4	53.1	1.8	105	21.3	151.6	51.9	1.0	97
BAYSIDE 3784GTCBLL	84	C250	1,2,4	31.7	139.7	46.5	1.8	97	6.8	3.5	59.8	36.8	116.1	44.8	0.7	93	28.4	130.2	45.7	4.1	105	29.9	172.9	49.1	0.7	93
BAYSIDE 7092YGPLRR	92	P250	1,2,3	25.5	137.9	49.8	1.5	100	6.9	4.2	58.8	32.7	111.7	46.2	2.6	97	21.0	140.3 *	52.7	1.0	106	22.9	161.6	50.4	1.0	98
BAYSIDE Super 80	80			21.2	117.8	50.1	5.0	101	7.5	4.8	57.6	25.2	82.5	46.6	6.3	99	17.2	109.8	51.7	6.7	105	21.2	161.2	52.0	1.9	98
DAIRYLAND STEALTH-7891	91	P250	1,2,4	22.6	121.4	48.5	9.2	95	7.4	4.3	58.1	26.5	97.4	44.9	13.1	93	19.8	124.7	49.9	1.8	99	21.6	142.2	50.6	12.7	92
DAIRYLAND STEALTH-9789	89	P250	1,2,3	24.5	153.7 **	49.8	3.2	98	7.7	4.0	58.1	30.8	122.7	46.6	1.0	94	21.0	147.5 **	50.9	7.6	104	21.7	191.0 **	52.0	1.0	95
DEKALB DKC33-54 (RR2)	83	P250	1	20.1	113.4	51.6	12.5	94	7.7	4.0	58.6	23.4	113.2	50.4	8.2	93	16.6	97.1	53.0	11.1	103	20.4	129.8	51.4	18.2	85
DEKALB DKC33-72 (RR2)	83	P250	1	20.4	124.0	52.9	5.2	101	8.0	3.8	57.8	23.0	126.1 *	51.0	1.3	100	18.4	119.5	55.3	7.0	107	19.7	126.3	52.3	7.3	97
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	20.4	126.3	51.9	7.0	99	7.3	3.8	59.0	22.6	115.9	50.8	1.6	97	17.7	131.7	53.9	13.7	107	20.9	131.3	50.9	5.6	94
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	25.6	134.0	49.3	2.6	102	7.1	4.3	58.3	30.9	127.9 *	47.3	1.0	100	22.7	110.7	49.8	4.7	107	23.2	163.3	50.8	2.0	98
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	24.3	137.5	50.1	2.7	94	6.9	4.0	58.4	29.3	122.8	46.6	0.7	93	21.5	134.4	52.0	5.8	103	22.1	155.4	51.7	1.5	87
DEKALB DKC42-91 (RR2/YGCB)	92	P250	1,2,3	24.2	145.5 *	49.0	2.0	102	7.1	4.0	58.3	29.9	121.8	44.9	1.6	99	20.7	131.4	50.6	4.0	107	22.0	183.2 *	51.4	0.3	99
DYNAGRO 51V89	87	P250	1,2,3,14	22.4	120.4	50.8	5.8	101	7.2	4.2	58.4	28.1	103.3	48.4	6.0	100	18.0	107.7	52.4	8.7	107	21.0	150.2	51.5	2.6	96
DYNAGRO 52V01	86	P250	1,2,3,14	22.3	138.5	50.1	4.0	93	7.5	3.6	58.5	25.6	140.2 **	48.1	0.0	87	18.5	120.5	51.1	2.5	103	22.8	154.7	51.0	9.5	90
GREAT LAKES 4041G3VT3	90	P250	1,2,3	23.4	140.0	50.3	1.2	93	7.4	3.8	58.3	28.6	117.6	47.0	0.0	88	20.0	126.1	51.9	2.2	99	21.7	176.3	51.9	1.4	91
GREAT LAKES 4415G3VT3	94	P250	1,2,3	25.5	136.2	49.4	1.4	95	6.9	4.3	59.2	33.2	112.2	45.9	2.1	93	21.2	125.4	51.4	1.1	101	22.2	171.0	50.8	1.0	90
GREAT LAKES 4481G3VT3	94	P250	1,2,3	24.5	144.6 *	50.7	2.3	90	7.9	3.9	58.0	29.2	113.3	47.7	1.1	88	22.4	142.9 *	51.9	4.8	96	21.9	177.6	52.5	1.1	85
HYLAND SEEDS HLB38R	92	P250	1,2	26.5	135.9	48.1	1.9	99	7.1	4.0	59.1	35.0	111.7	44.8	1.3	99	22.0	124.6	49.6	3.7	106	22.4	171.5	50.0	0.7	91
HYLAND SEEDS HLCVR54	92	P250	1,2,3	27.2	128.3	46.4	1.4	102	6.8	4.0	59.5	35.0	104.7	44.3	0.3	100	23.5	111.8	46.1	4.0	107	23.1	168.3	48.9	0.0	98
MYCOGEN 2D326	92	C250	1,2,3	25.1	138.7	49.1	1.7	97	7.2	4.0	58.9	30.8	112.5	46.3	3.1	93	23.1	132.9	50.3	1.0	103	21.5	170.8	50.7	1.0	96
MYCOGEN 2K154	83	C250	1,2,4	23.2	130.4	52.3	18.7	96	7.2	3.7	59.3	28.2	112.2	49.4	18.4	95	19.8	118.5	53.5	36.6	105	21.5	160.5	54.1	1.0	87
NuTech 1B-887 CB/LL	87	C250	2,4	22.1	134.0	48.8	4.2	100	7.3	4.2	57.9	25.2	113.0	46.3	9.7	97	19.4	115.1	50.0	1.7	107	21.6	173.8	50.2	1.1	95
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	23.5	139.4	47.6	7.1	100	7.0	4.2	58.2	26.8	117.2	44.4	14.1	98	21.5	127.4	49.1	7.2	106	22.3	173.7	49.4	0.0	96
NuTech 3A-093 RR	93	P250	1	24.4	144.7 *	49.9	2.3	96	7.4	3.7	58.4	29.5	132.1 *	46.8	1.4	93	20.5	124.2	51.8	5.0	104	23.2	177.9 *	51.0	0.4	92
NuTech 3A-095 RR	94	P250	1	25.6	133.8	49.3	3.1	93	7.6	4.2	58.4	30.4	104.3	45.4	2.1	91	24.1	126.5	49.5	6.6	97	22.3	170.6	52.9	0.7	91
NuTech 3A-390 RR	88	P250	1	24.4	135.0	49.4	5.2	98	7.2	4.2	58.1	31.5	110.0	46.9	2.1	94	20.2	130.0	51.3	12.2	105	21.4	165.0	50.1	1.4	94
NuTech 3P-494+RR/YGPL	94	P250	1,2,3	27.1	127.7	46.9	3.0	102	6.8	4.0	59.4	36.4	86.6	43.7	0.6	99	23.2	115.1	46.8	8.4	107	21.7	181.5 *	50.1	0.0	100
NuTech 3T-393 VT3	93	P250	1,2,3	26.4	128.5	47.0	2.2	101	6.7	4.2	59.2	35.0	102.2	44.3	0.7	100	22.5	120.3	47.0	6.0	107	21.7	162.9	49.6	0.0	96
PIONEER 38M60	94	P250	1,2,3,4,11	23.8	137.5	50.7	0.8	101	7.1	3.9	58.6	28.3	119.0	47.6	1.3	99	19.6	119.9	53.1	0.3	107	23.5	173.6	51.3	0.7	96
PIONEER 38N87	92	P250	1,2,4	23.5	133.5	49.2	1.4	102	7.5	3.9	58.6	28.8	109.9	46.6	1.0	100	19.7	116.0	50.7	2.3	107	21.9	174.5	50.3	1.0	100
RENK RK268RRYGPL	84	P250	1,2,3	22.7	125.3	50.8	6.8	85	8.1	3.8	58.7	26.2	114.5	48.7	0.7	85	19.4	119.4	51.4	17.8	91	22.6	142.1	52.2	2.0	79
RENK RK292LLYGCB	85	P250	2,4	22.4	125.4	48.4	6.0	95	7.7	5.0	57.6	26.2	99.6	45.8	13.3	93	20.4	104.4	48.5	2.1	104	20.6	172.3	50.8	2.6	87
RENK RK438YGCB	92	P250	2	26.6	131.8	48.3	3.9	100	6.4	3.6	59.4	32.4	108.5	45.6	0.7	96	24.0	120.9	49.0	10.1	105	23.4	166.0	50.4	1.0	98
AVERAGE				24.0	132.9	49.7	4.5	98	7.3	4.0	58.6	29.1	112.3	46.9	3.8	95	20.7	122.4	51.0	7.1	104	22.1	164.0	51.1	2.4	93
HIGHEST				31.7	153.7	52.9	18.7	102	8.0	4.8	59.8	36.8	140.2	51.0	18.4	100	28.4	147.5	55.3	36.6	107	29.9	191.0	54.1	18.2	100
LOWEST				20.1	113.4	46.4	0.8	85	6.4	3.5	57.6	22.6	82.5	43.7	0.0	85	16.6	97.1	45.7	0.3	91	19.7	126.3	48.9	0.0	79
CV (%)				6.4	8.8	2.4	166.5	4.0	8.1	8.3	1.6	6.6	12.6	2.6	204.3	4.0	6.7	7.6	2.1	99.5	3.0	5.2	6.8	2.5	303.5	5.0
LSD (5%)				1.2	9.4	1.0	5.9	3.0	0.7	0.4	1.1	2.3	16.6	1.4	9.1	4.0	1.6	10.9	1.3	8.3	3.0	1.4	13.1	1.5	8.6	6.0

2 Year Averages 2008 - 2007			TRIAL AVERAGE					% QUALITY			GRAND TRAVERSE					MENOMINEE					OGEMAW, ALPENA (2007)					
BRAND / HYBRID	RM	TRT	TRAIT	%H2O	BU/A	Twt	%SL	%Sd	Prot	Oil	Strch	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd	%H2O	BU/A	Twt	%SL	%Sd
BAYSIDE 1541RR	81		1	not published in 2007					8.1	3.6	58.9	not published in 2007					not published in 2007					24.1	154.6	51.4	1.1	98
BAYSIDE 1582YGCBRR	82		1,2						7.8	3.6	59.3											24.5	148.0	50.4	0.8	98
BAYSIDE 7092YGPLRR	92	P250	1,2,3						7.4	4.1	58.5											25.9	160.5 *	49.6	0.7	98
BAYSIDE Super 80	80								8.0	4.6	57.9											21.8	140.7	51.3	1.9	99
HYLAND SEEDS HLB38R	92	P250	1,2						7.3	3.9	59.2											27.1	157.4 *	49.1	1.2	92
MYCOGEN 2K154	83	C250	1,2,4	not published in 2007					7.4	3.8	59.3	not published in 2007					not published in 2007					21.9	138.8	53.4	5.1	93
NuTech 3A-093 RR	93	P250	1						8.0	3.6	58.6											26.2	161.3 *	49.8	0.3	95
NuTech 3T-393 VT3	93	P250	1,2,3						6.8	4.0	59.5											26.8	163.1 **	48.5	0.3	96
PIONEER 38N87	92	P250	1,2,4						7.7	3.8	58.9											22.8	154.8 *	49.5	0.9	100
RENK RK438YGCB	92	P250	2						6.9	3.5	59.7											26.0	161.8 *	49.3	1.0	98
AVERAGE									7.5	3.8	59.0											24.7	154.1	50.2	1.3	97
HIGHEST									8.1	4.6	59.7											27.1	163.1	53.4	5.1	100
LOWEST									6.8	3.5	57.9											21.8	138.8	48.5	0.3	92
CV (%)									6.3	7.5	1.4											6.4	6.4	2.0	234.8	5.0
LSD (5%)									0.4	0.2	0.7											1.2	8.4	0.8	4.4	4.0

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

CODES NUMBERS FOR HYBRID TRAITS

Code Num.	Traits & Resistant Events
1	Glyphosate
2	European Corn Borer
3	Corn Rootworm
4	Liberty Link
5	Clearfield
6	IML, IT, IR,
7	Brown Mild Rib
8	Leafy
9	High Oil
10	Waxy
11	HTF High Total Fermentable
12	HAE High Available Energy
13	HES High Extractable Starch
14	Other

TREATMENT CODES FOR SEED APPLIED INSECTICIDES

TRT	Seed Treatment	Chemical Rate
	No Seed Insecticide Applied	
C125	Cruiser® 125	0.125 mg Thiamethoxan per kernel
C250	Cruiser® 250	0.250 mg Thiamethoxan per kernel
C1250	Cruiser® 1250	1.25 mg Thiamethoxan per kernel
P250	Poncho® 250	0.25 mg Clothianidan per kernel
P1250	Poncho® 1250	1.25 mg Clothianidan per kernel
	Cruiser® is a registered trademark of Syngenta Group Company Poncho® is a registered trademark of Gustafson LLC	