

TABLE 9.

MENOMINEE (LATE), OGEMAW & OSCEOLA COUNTY SILAGE TRIALS (88 - 104 Day)

ZONE 4

2008				TRIAL AVERAGE										MENOMINEE													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND HI DF-3000-6	100	P250	1	32.7	21.2	6.9	97	81.8	24.7	47.5	61.8	7.0	26.9	3280	22624	29.7	19.6	5.8	100	79.5	27.6	52.9	61.3	7.8	21.6	3081	17944
DAIRYLAND STEALTH-9196	96	P250	1,2,3	37.5	18.3	6.9	98	82.5	21.6	42.5	59.1	6.8	35.6	3364	23543	33.7	16.0	5.4	100	76.7	28.0	53.5	56.5	7.6	24.8	2926	15736
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	39.0	17.3	6.8	99	81.6	21.6	41.9	56.4	6.7	36.7	3322	22538	37.8	16.4	6.2 *	100	77.6	25.5	47.7	53.0	7.2	33.0	3030	18672
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	39.5	17.3	6.8	94	81.9	21.4	42.4	57.5	6.6	35.0	3332	22917	37.0	15.9	5.9	100	78.1	23.7	46.1	52.8	7.2	31.0	3074	18056
DYNAGRO 53K69	95	P250	1	38.7	18.3	7.1 *	96	81.0	23.1	44.5	57.7	6.5	34.5	3267	23630	34.4	17.4	6.0 *	100	76.3	28.6	53.2	55.7	7.4	27.4	2910	17539
DYNAGRO 54T42	100	P250	1,2,3,4	32.1	22.0	7.1 *	99	81.2	24.4	46.4	59.7	6.5	29.9	3261	23377	28.7	19.7	5.7	100	76.3	29.0	53.3	55.5	7.6	23.7	2907	16421
DYNAGRO CX08002	102	P250	1	33.4	21.8	7.3 *	100	82.2	24.2	45.9	61.3	6.8	27.9	3306	24334	29.6	20.6	6.1 *	100	80.1	27.2	52.2	61.9	7.5	21.5	3122	19127
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	37.7	18.9	7.1 *	99	82.7	21.1	41.2	58.1	7.2	35.8	3385	24232	35.0	17.3	6.0 *	100	80.6	23.2	45.2	57.1	8.1	32.2	3213	19373
GREAT LAKES 4041G3VT3	90	P250	1,2,3	36.7	18.3	6.7	93	81.4	23.5	45.0	58.7	6.9	32.8	3282	22052	36.8	15.3	5.6	98	78.8	26.3	49.7	57.1	7.2	31.0	3075	17127
GREAT LAKES 4297G3	92	P250	1,2,3	37.7	17.3	6.6	99	83.0	22.6	43.6	60.9	6.4	34.6	3384	22250	34.6	15.3	5.3	100	81.7	25.0	46.8	60.7	7.0	32.4	3264	17222
GREAT LAKES 4481G3VT3	94	P250	1,2,3	36.9	18.2	6.7	89	80.8	24.2	45.8	58.7	6.9	31.1	3246	22274	33.5	15.3	5.1	93	74.7	30.4	54.8	53.9	7.3	23.7	2812	14257
HYLAND SEEDS HLSVT50	100	P250	1,2,3	30.1	22.9	6.9	95	83.0	24.2	47.0	63.7	6.7	25.4	3300	22810	27.5	21.6	6.0 *	96	82.7	24.9	49.4	64.9	7.2	21.3	3190	19021
MYCOGEN TMF2L416	94	C250	1,2,4,8	35.5	19.4	6.9	94	83.1	23.4	45.7	63.3	6.9	28.8	3372	23438	32.3	19.0	6.2 *	100	79.7	27.0	51.4	60.7	7.5	23.4	3110	19265
MYCOGEN TMF2T497	100	C250	8	35.5	20.5	7.3 *	100	81.7	23.8	45.6	59.9	6.8	28.5	3294	24359	30.4	18.7	5.7	100	78.9	27.6	51.5	59.1	7.8	23.0	3064	17416
NuTech 3A-098 RR	98	C250	1,2,3	37.8	19.8	7.5 **	94	81.6	22.2	43.0	57.4	7.4	33.7	3311	24504	38.2	17.4	6.7 **	98	79.6	23.6	45.5	55.5	8.5	32.8	3156	21032
NuTech 3T-500A VT3	100	P250	1,2,3	36.4	19.3	7.0 *	96	82.3	23.7	46.2	61.8	6.7	31.0	3322	23458	34.5	16.9	5.8	100	80.3	25.6	49.6	60.1	7.6	28.3	3157	18265
NuTech 5H-597 RR/HX	96	P250	1,2,4	32.7	22.0	7.2 *	95	81.3	25.2	48.8	61.7	6.8	26.7	3243	23573	29.4	20.9	6.2 *	98	79.5	27.6	53.1	61.5	8.0	21.0	3080	18995
PIONEER 36V53	102	P250	1,2,4	34.3	21.3	7.3 *	100	83.1	23.3	45.1	62.6	6.9	32.0	3373	24707	33.0	19.3	6.4 *	99	81.5	24.7	48.4	61.8	7.6	29.9	3232	20572
PIONEER 38H72	99	P250	1,2,4	38.2	17.7	6.8	99	83.5	21.5	42.4	61.2	6.6	34.3	3422	23562	34.5	14.8	5.2	100	80.4	25.3	48.9	60.0	7.2	28.1	3170	16443
AVERAGE				35.9	19.6	7.0	96.8	82.1	23.1	44.8	60.1	6.8	31.6	3319	23378	33.2	17.7	5.8	99.0	79.1	26.4	50.2	58.4	7.5	26.8	3083	18025
HIGHEST				39.5	22.9	7.5	100.0	83.5	25.2	48.8	63.7	7.4	36.7	3422	24707	38.2	21.6	6.7	100.0	82.7	30.4	54.8	64.9	8.5	33.0	3264	21032
LOWEST				30.1	17.3	6.6	89.2	80.8	21.1	41.2	56.4	6.4	25.4	3243	22052	27.5	14.8	5.1	92.9	74.7	23.2	45.2	52.8	7.0	21.0	2812	14257
CV (%)				6.4	6.7	8.1	3.0	2.9	12.6	9.3	4.5	6.4	13.7	5	11	7.0	8.2	9.6	2.3	3.7	11.6	8.5	6.5	6.2	16.6	6	14
LSD (5%)				1.9	1.1	0.5	2.3	1.9	2.3	3.4	2.2	0.4	3.5	134	2058	2.8	1.7	0.7	3.2	3.5	3.6	5.1	4.5	0.6	5.3	273	3523

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2 Year Averages 2008 - 2007				TRIAL AVERAGE										MENOMINEE													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 53K69	95	P250	1	37.1	17.2	6.4 **	97	83.0	21.9	43.8	61.4	6.6	32.5	3317	21715	33.5	15.0	5.1 **	100	79.7	26.9	52.5	61.3	7.3	20.5	2866	14673
DYNAGRO 54T42	100	P250	1,2,3,4	32.4	19.8	6.4 **	97	83.5	22.6	45.4	63.8	6.7	28.1	3316	21650	30.1	16.4	4.9 *	100	80.5	26.2	51.9	62.7	7.3	18.6	2888	14191
MYCOGEN TMF2L416	94	C250	1,2,4,8	35.8	17.5	6.3 *	97	83.7	22.2	45.1	64.0	6.9	27.0	3297	21200	32.9	15.1	5.0 *	100	80.6	26.2	52.2	62.8	7.4	15.8	2779	14228
PIONEER 38H72	99	P250	1,2,4	38.7	16.0	6.2 *	99	84.6	20.6	42.4	63.7	6.6	31.8	3382	21447	36.1	12.7	4.6	100	81.8	24.2	49.1	63.0	6.9	20.9	2917	13534
AVERAGE				36.0	17.6	6.3	97.8	83.7	21.8	44.2	63.2	6.7	29.9	3328	21503	33.1	14.8	4.9	99.9	80.7	25.9	51.4	62.4	7.2	19.0	2862	14157
HIGHEST				38.7	19.8	6.4	99.5	84.6	22.6	45.4	64.0	6.9	32.5	3382	21715	36.1	16.4	5.1	100.0	81.8	26.9	52.5	63.0	7.4	20.9	2917	14673
LOWEST				32.4	16.0	6.2	97.1	83.0	20.6	42.4	61.4	6.6	27.0	3297	21200	30.1	12.7	4.6	99.7	79.7	24.2	49.1	61.3	6.9	15.8	2779	13534
CV (%)				5.7	6.8	7.6	3.0	2.3	10.3	7.8	3.9	6.6	14.0	5	10	6.4	8.5	9.1	2.1	3.0	9.7	7.4	5.4	7.9	22.9	9	14
LSD (5%)				2.0	1.3	0.5	2.8	1.9	2.3	3.4	2.3	0.4	4.3	175	2217	1.8	1.2	0.4	2.1	2.0	2.1	3.1	2.7	0.5	4.6	258	2265

2008				OGEMAW										OSCEOLA													
				YIELD				% QUALITY					MILK 2006		YIELD				% QUALITY					MILK 2006			
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DAIRYLAND HI DF-3000-6	100	P250	1	35.0	21.8	7.6	97	82.0	24.3	46.2	61.1	5.4	29.9	3315	25189	33.6	22.1	7.4 *	95	83.8	22.1	43.6	62.9	7.7	29.0	3443	24739
DAIRYLAND STEALTH-9196	96	P250	1,2,3	40.4	20.3	8.2 *	98	84.8	18.6	36.7	58.6	5.7	42.2	3549	29035	38.5	18.6	7.2 *	97	86.0	18.3	37.2	62.3	7.0	39.7	3616	25857
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	42.1	17.8	7.5	98	83.0	20.2	39.5	57.0	6.0	39.1	3424	25629	37.1	17.8	6.6	100	84.3	19.2	38.6	59.3	6.8	37.9	3512	23312
DEKALB DKC41-60 (VT3)	91	P250	1,2,3	42.8	17.2	7.4	90	83.7	19.7	39.4	58.5	5.9	38.9	3462	25583	38.6	18.8	7.3 *	92	83.8	21.0	41.7	61.2	6.8	35.1	3461	25111
DYNAGRO 53K69	95	P250	1	43.2	19.9	8.6 **	93	84.4	19.4	38.9	59.7	5.4	39.7	3507	30239	38.6	17.6	6.8	96	82.4	21.4	41.4	57.7	6.6	36.6	3383	23112
DYNAGRO 54T42	100	P250	1,2,3,4	36.1	23.6	8.5 *	98	84.1	21.2	41.3	61.4	5.1	35.7	3474	29507	31.4	22.9	7.1 *	99	83.2	22.8	44.7	62.3	7.0	30.5	3402	24202
DYNAGRO CX08002	102	P250	1	36.4	23.1	8.4 *	100	82.6	22.9	41.7	58.6	6.1	32.5	3346	28212	34.2	21.7	7.4 *	100	83.9	22.4	43.9	63.4	6.9	29.6	3448	25661
G2 GENETICS 5H-298 RR/HX	96	P250	1,2,4	39.9	18.8	7.5	98	83.5	20.1	39.1	57.7	5.9	38.7	3452	25922	38.1	20.6	7.9 **	100	84.1	20.0	39.4	59.4	7.5	36.5	3489	27401
GREAT LAKES 4041G3VT3	90	P250	1,2,3	38.3	19.0	7.3	89	82.1	22.5	43.4	59.0	6.1	33.7	3344	24243	35.2	20.6	7.2 *	93	83.3	21.8	41.9	60.1	7.3	33.6	3428	24785
GREAT LAKES 4297G3	92	P250	1,2,3	39.2	18.5	7.2	99	82.7	22.2	42.6	59.3	5.7	35.8	3381	24340	39.4	18.3	7.2 *	99	84.6	20.7	41.3	62.7	6.5	35.8	3509	25188
GREAT LAKES 4481G3VT3	94	P250	1,2,3	41.1	19.4	7.9 *	85	83.8	20.7	40.9	60.4	6.0	36.7	3459	27448	36.1	19.9	7.2 *	89	84.0	21.5	41.8	61.8	7.4	33.0	3467	25118
HYLAND SEEDS HLSVT51	101	P250	1,2,3	32.3	24.0	7.8	93	83.1	24.1	46.2	63.4	5.9	27.8	3330	25824	30.4	23.0	7.0	96	83.1	23.5	45.4	62.8	7.1	27.1	3380	23587
MYCOGEN TMF2L416	94	C250	1,2,4,8	37.7	19.6	7.4	89	84.6	22.1	43.2	64.4	6.0	32.6	3484	25676	36.7	19.6	7.2 *	93	85.0	21.1	42.5	64.8	7.1	30.4	3521	25373
MYCOGEN TMF2T497	100	C250	8	39.0	22.1	8.6 **	100	83.1	21.8	41.7	59.5	5.5	33.3	3412	29408	37.2	20.7	7.7 *	100	83.2	22.1	43.6	61.3	7.1	29.2	3407	26252
NuTech 3A-098 RR	98	C250	1,2,3	38.9	21.9	8.5 *	90	83.0	20.9	40.5	58.1	6.3	36.3	3415	29089	36.2	20.0	7.3 *	96	82.2	22.2	42.9	58.7	7.3	32.0	3362	23392
NuTech 3T-500A VT3	100	P250	1,2,3	38.1	21.0	8.0 *	95	83.8	22.2	43.6	62.7	6.0	33.3	3431	27431	36.6	20.0	7.3 *	94	82.9	23.5	45.6	62.7	6.7	31.3	3378	24679
NuTech 5H-597 RR/HX	96	P250	1,2,4	36.7	22.4	8.2 *	90	82.9	23.3	45.2	62.1	5.2	32.4	3372	27703	32.1	22.9	7.3 *	97	81.5	24.8	48.2	61.6	7.2	26.7	3277	24020
PIONEER 36V53	102	P250	1,2,4	34.4	23.1	7.9 *	99	83.6	23.3	44.2	63.0	5.7	33.2	3419	26980	35.4	21.7	7.7 *	100	84.2	21.9	42.7	63.0	7.4	33.0	3469	26569
PIONEER 38H72	99	P250	1,2,4	39.9	20.3	8.1 *	98	84.0	21.0	41.1	61.0	5.8	36.4	3468	28002	40.3	17.9	7.2 *	100	86.2	18.1	37.2	62.7	6.7	38.5	3629	26242
AVERAGE				38.5	20.7	7.9	94.7	83.4	21.6	41.8	60.3	5.8	35.2	3423	27129	36.1	20.2	7.3	96.6	83.8	21.5	42.3	61.6	7.1	32.9	3452	24979
HIGHEST				43.2	24.0	8.6	100.0	84.8	24.3	46.2	64.4	6.3	42.2	3549	30239	40.3	23.0	7.9	100.0	86.2	24.8	48.2	64.8	7.7	39.7	3629	27401
LOWEST				32.3	17.2	7.2	85.3	82.0	18.6	36.7	57.0	5.1	27.8	3315	24243	30.4	17.6	6.6	89.4	81.5	18.1	37.2	57.7	6.5	26.7	3277	23112
CV (%)				4.9	6.9	7.6	3.5	2.2	10.8	7.6	3.5	8.1	9.5	4	9	7.2	5.0	7.4	3.1	2.7	15.1	11.6	2.7	5.1	15.3	5	11
LSD (5%)				2.2	1.7	0.7	4.7	2.2	2.8	3.8	2.5	0.6	4.0	194	3518	3.7	1.4	0.8	4.3	3.2	4.6	7.0	2.4	0.5	7.2	232	3809

2 Year Averages 2008 - 2007				OGEMAW, ALPENA (2007)										OSCEOLA													
				YIELD				% QUALITY					MILK 2006		YIELD				% QUALITY					MILK 2006			
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
DYNAGRO 53K69	95	P250	1	38.4	18.9	7.3 **	96	85.2	19.5	39.7	62.6	5.8	38.6	3570	26066	39.4	17.5	6.9 *	96	84.3	19.4	39.2	60.3	6.6	38.2	3516	24407
DYNAGRO 54T42	100	P250	1,2,3,4	33.3	21.5	7.2 *	94	85.0	21.1	42.6	64.7	5.8	32.3	3536	25433	33.7	21.5	7.2 **	98	84.8	20.5	41.7	63.9	6.9	33.4	3524	25326
MYCOGEN TMF2L416	94	C250	1,2,4,8	36.6	19.0	6.9 *	95	85.4	20.8	42.2	65.4	6.3	32.9	3558	24611	37.9	18.4	7.0 *	97	85.3	19.7	40.9	63.8	7.0	32.4	3555	24762
PIONEER 38H72	99	P250	1,2,4	38.3	18.4	7.1 *	99	85.6	19.7	40.3	64.3	6.1	36.7	3586	25301	41.7	16.8	7.0 *	100	86.4	17.9	37.8	63.7	6.7	37.9	3642	25507
AVERAGE				36.6	19.5	7.1	95.9	85.3	20.3	41.2	64.3	6.0	35.1	3562	25353	38.2	18.6	7.0	97.6	85.2	19.4	39.9	62.9	6.8	35.5	3559	25000
HIGHEST				38.4	21.5	7.3	98.8	85.6	21.1	42.6	65.4	6.3	38.6	3586	26066	41.7	21.5	7.2	99.7	86.4	20.5	41.7	63.9	7.0	38.2	3642	25507
LOWEST				33.3	18.4	6.9	94.3	85.0	19.5	39.7	62.6	5.8	32.3	3536	24611	33.7	16.8	6.9	95.8	84.3	17.9	37.8	60.3	6.6	32.4	3516	24407
CV (%)				4.6	6.3	6.5	3.8	1.8	9.1	6.6	3.1	6.7	8.3	3	8	6.1	5.7	7.6	2.8	2.1	12.0	9.3	2.6	4.3	12.1	4	10
LSD (5%)				1.4	1.1	0.4	3.6	1.2	1.6	2.3	1.6	0.3	2.4	106	2015	2.2	1.1	0.5	2.7	1.8	2.5	3.8	1.6	0.3	4.0	126	2393

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid