

TABLE 9.

ALPENA, OSCEOLA & DELTA (LATE) COUNTY SILAGE TRIALS (100 Day and Earlier)

ZONE 4

2005			TRIAL AVERAGE										ALPENA													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY				MILK 2000			
BRAND / HYBRID	RM	TRT	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BALDRIDGE BH375	85		38.5	14.2	5.4	96	81.9	20.1	39.8	54.4	8.1	33.9	3443	18749	40.7	11.5	4.7	99	82.1	20.5	40.0	55.1	6.6	33.7	3379	15729
DAIRYLAND STEALTH-1602	98	P250	35.0	18.8	6.5	92	81.7	22.1	43.3	57.6	8.4	30.4	3509	22949	36.4	16.2	5.8	97	82.6	22.5	43.4	59.9	7.3	29.4	3557	20712
DAIRYLAND STEALTH-1705	105	P250	33.8	19.7	6.6	97	81.9	22.9	43.4	58.1	7.2	31.7	3546	23365	35.7	15.4	5.5	100	80.8	25.7	47.3	59.3	5.7	27.1	3464	18971
DYNAGRO 53F09	95	P250	36.1	18.8	6.8	97	83.3	19.4	37.9	55.9	7.1	39.6	3621	24474	38.7	16.5	6.4	100	83.7	18.9	36.3	55.1	6.1	42.3	3616	22981
GARST 8922YG1	91	C250	39.5	18.3	7.2 **	98	84.3	18.0	36.0	56.3	7.0	41.2	3631	26095	41.1	17.7	7.3 **	100	84.6	18.0	35.2	56.3	6.2	42.4	3621	26268
GOLDEN HARVEST H-6775	91	C250	40.8	16.3	6.7	97	82.8	18.0	36.6	52.8	8.1	38.2	3458	23002	42.7	15.0	6.4	100	82.3	18.6	36.7	51.8	6.5	40.0	3372	21580
GREAT LAKES 4256Bt	92	P250	39.0	18.7	7.2 **	93	84.4	17.8	35.4	56.0	7.1	41.9	3649	26374	40.4	15.2	6.1	100	84.5	17.7	34.6	55.1	6.2	42.9	3618	22080
GREAT LAKES 4297BtRR	92	P250	37.3	17.7	6.5	92	83.9	19.1	38.0	57.5	7.6	38.2	3644	23839	39.8	15.8	6.2	94	83.2	19.9	39.0	56.8	6.8	36.8	3552	21954
HYLAND SEEDS HLS011	76	P250	44.8	14.3	6.4	96	81.5	19.4	38.7	52.0	7.9	37.8	3262	20849	47.3	14.3	6.7	98	82.0	18.1	36.5	50.7	6.8	42.1	3213	21611
HYLAND SEEDS HLS021	82	P250	39.2	15.2	6.0	97	80.8	21.8	42.2	54.4	7.6	31.5	3388	20271	39.0	13.7	5.3	100	80.0	23.8	44.4	55.0	6.1	29.9	3355	17865
HYLAND SEEDS HLS034	92	P250	35.9	19.8	7.1 *	95	81.2	23.4	43.9	57.2	7.5	31.1	3491	24714	37.4	17.5	6.5	100	80.8	24.8	45.5	57.8	6.5	29.3	3461	22603
HYLAND SEEDS HLS041	93	P250	37.0	17.8	6.6	95	83.5	19.9	38.6	57.0	7.3	35.8	3624	23873	38.4	16.5	6.4	98	83.9	20.4	38.8	58.5	6.2	35.9	3661	23250
HYLAND SEEDS HLSR42	93	P250	37.1	19.4	7.2 **	96	83.5	19.5	37.9	56.4	7.6	36.8	3625	26111	37.7	18.2	6.9 *	99	82.9	20.9	39.9	57.2	6.4	35.2	3600	24694
MYCOGEN F2F357	95	C125	34.7	9.0	3.1	60	85.0	18.7	39.3	61.9	8.2	33.4	3788	11805	36.6	8.1	2.9	71	84.3	19.8	40.3	61.0	7.7	30.4	3695	10800
NK Brand N32-L9	93	C250	39.7	16.7	6.6	96	83.2	18.7	36.5	53.8	7.4	40.9	3519	23147	43.3	14.1	6.1	100	83.3	17.3	34.3	51.2	6.0	44.7	3401	20662
NK Brand N33-H6	100	C250	36.0	19.1	6.9 *	98	81.8	21.3	40.9	55.5	7.7	33.2	3516	24212	36.6	16.2	5.9	100	81.0	23.4	43.7	56.5	6.4	29.7	3472	20599
PIONEER 37A92	97	P250	38.6	17.1	6.6	93	83.4	18.7	36.8	54.9	8.0	38.5	3577	23571	42.2	14.4	6.1	95	83.6	17.8	34.7	52.5	7.0	42.1	3478	21036
PIONEER 37D02	97	P250	38.3	18.0	6.9 *	96	83.1	19.4	38.0	55.6	7.2	39.0	3572	24539	41.2	15.6	6.4	98	83.2	19.1	37.3	55.0	6.2	40.6	3510	22557
PIONEER 37K84	99	P250	37.8	18.1	6.8	96	82.8	20.1	39.4	56.3	7.3	36.6	3569	24385	39.7	15.6	6.2	100	82.1	20.6	39.8	54.9	6.0	37.3	3476	21453
PIONEER 38W22	92	P250	41.1	16.9	6.9 *	96	83.0	18.0	36.2	53.2	7.5	39.2	3469	23899	44.8	14.5	6.4	100	82.5	18.0	35.5	50.5	5.9	42.8	3304	21239
AVERAGE			38.0	17.2	6.5	94	82.9	19.8	38.9	55.8	7.6	36.4	3545	23011	40.0	15.1	6.0	97	82.7	20.3	39.1	55.5	6.4	36.7	3490	20932
HIGHEST			44.8	19.8	7.2	98	85.0	23.4	43.9	61.9	8.4	41.9	3788	26374	47.3	18.2	7.3	100	84.6	25.7	47.3	61.0	7.7	44.7	3695	26268
LOWEST			33.8	9.0	3.1	60	80.8	17.8	35.4	52.0	7.0	30.4	3262	11805	35.7	8.1	2.9	71	80.0	17.3	34.3	50.5	5.7	27.1	3213	10800
CV (%)			4.9	8.7	6.6	3	1.3	7.7	5.8	3.4	5.0	8.0	3	7	5.5	10.1	7.4	2	1.1	8.5	6.4	3.4	7.7	9.7	3	8
LSD (.05%)			1.3	1.0	0.3	2	0.7	1.0	1.5	1.3	0.3	2.0	61	1157	2.6	1.8	0.5	3	1.1	2.0	3.0	2.2	0.6	4.2	109	2069

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2 Year Averages			TRIAL AVERAGE (Osceola not included)										ALPENA													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY				MILK 2000			
BRAND / HYBRID	RM		%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND STEALTH-1602	98		33.4	19.0	6.3	96	80.2	23.9	46.1	57.0	8.1	27.6	3406	21540	33.8	19.6	6.5	99	80.8	24.3	46.0	58.3	7.2	27.8	3440	22321
GREAT LAKES 4297BtRR	92		35.5	17.6	6.2	96	82.2	21.1	41.3	56.8	7.2	35.1	3543	22076	36.7	19.3	6.9	97	82.0	21.9	42.2	57.2	6.7	34.0	3510	24248
NK Brand N33-H6	100		34.0	19.0	6.4 *	99	79.6	24.1	45.2	54.9	7.6	28.3	3353	21725	34.3	20.0	6.7	100	79.4	25.3	46.5	55.7	6.6	27.2	3347	22461
GARST 8922YG1	91		36.7	17.9	6.6 **	98	82.5	20.6	40.7	56.9	7.2	35.4	3552	23433	37.7	19.9	7.4 **	100	83.3	20.4	39.7	57.8	6.6	36.9	3594	26600
GREAT LAKES 4256Bt	92		36.4	17.8	6.5 *	95	83.0	19.9	39.4	56.8	7.1	37.1	3589	23391	37.2	18.7	6.8	100	83.6	19.8	38.4	57.1	6.5	38.1	3616	24692
PIONEER 37K84	99		36.2	17.9	6.5 *	97	80.7	22.7	43.5	55.8	7.2	31.4	3433	22326	37.1	18.9	6.9	99	80.9	23.0	43.2	55.8	6.4	32.6	3430	23687
PIONEER 38W22	92		39.6	16.2	6.3	97	81.7	19.7	38.8	52.7	7.4	36.3	3413	21775	41.0	17.3	6.9	100	81.8	19.5	38.0	51.9	6.4	38.5	3370	23423
AVERAGE			36.0	17.9	6.4	97	81.4	21.7	42.1	55.8	7.4	33.0	3470	22324	36.8	19.1	6.9	99	81.7	22.0	42.0	56.3	6.6	33.6	3472	23919
HIGHEST			39.6	19.0	6.6	99	83.0	24.1	46.1	57.0	8.1	37.1	3589	23433	41.0	20.0	7.4	100	83.6	25.3	46.5	58.3	7.2	38.5	3616	26600
LOWEST			33.4	16.2	6.2	95	79.6	19.7	38.8	52.7	7.1	27.6	3353	21540	33.8	17.3	6.5	97	79.4	19.5	38.0	51.9	6.4	27.2	3347	22321
CV (%)			4.6	8.1	6.0	2	1.2	6.6	5.1	3.2	4.8	7.5	2	7	4.9	8.8	6.2	2	1.2	7.0	5.4	3.1	6.3	8.4	3	7
LSD (.05%)			0.9	0.7	0.2	1	0.5	0.7	1.1	1.0	0.2	1.4	45	822	1.6	1.2	0.3	1	0.8	1.2	1.8	1.5	0.3	2.4	73	1354

3 Year Averages			TRIAL AVERAGE (Osceola not included)										ALPENA													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY				MILK 2000			
BRAND / HYBRID	RM		%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
GREAT LAKES 4297BtRR	92		36.1	18.8	6.7	94	83.4	19.9	39.0	57.3	7.2	37.6	3608	24139	36.5	19.7	7.1 **	92	83.1	20.6	39.8	57.6	6.9	36.3	3610	25531
NK Brand N33-H6	100		34.3	20.6	7.0 **	98	80.4	22.9	43.0	54.4	7.7	31.5	3398	23865	34.8	20.6	7.1 **	99	79.4	24.6	44.8	54.0	7.0	30.2	3341	23680
AVERAGE			35.2	19.7	6.8	96	81.9	21.4	41.0	55.9	7.5	34.6	3503	24002	35.6	20.1	7.1	96	81.3	22.6	42.3	55.8	6.9	33.2	3475	24606
HIGHEST			36.1	20.6	7.0	98	83.4	22.9	43.0	57.3	7.7	37.6	3608	24139	36.5	20.6	7.1	99	83.1	24.6	44.8	57.6	7.0	36.3	3610	25531
LOWEST			34.3	18.8	6.7	94	80.4	19.9	39.0	54.4	7.2	31.5	3398	23865	34.8	19.7	7.1	92	79.4	20.6	39.8	54.0	6.9	30.2	3341	23680
CV (%)			4.6	8.1	6.9	2	1.3	6.7	5.2	3.2	5.7	7.4	2	7	5.1	8.1	6.6	3	1.6	8.4	6.4	3.1	5.4	8.8	3	8
LSD (.05%)			0.8	0.7	0.2	2	0.5	0.7	1.0	0.9	0.2	1.3	39	698	1.3	0.9	0.3	2	0.9	1.2	1.7	1.2	0.2	2.1	69	1255

2005			OSCEOLA										DELTA - LATE													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY						MILK 2000	
BRAND / HYBRID	RM	TRT	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
BALDRIDGE BH375	85		38.2	16.3	6.2	95	82.6	19.0	37.3	53.3	8.6	37.4	3524	21945	36.7	14.8	5.4	94	81.0	20.8	42.1	54.9	9.0	30.7	3426	18573
DAIRYLAND STEALTH-1602	98	P250	34.9	21.1	7.4	87	81.9	20.9	40.7	55.4	9.0	34.6	3527	26022	33.8	19.2	6.4	91	80.6	23.0	45.8	57.6	9.1	27.2	3444	22113
DAIRYLAND STEALTH-1705	105	P250	31.7	22.9	7.2	98	82.2	21.6	40.8	56.3	7.9	34.3	3562	25637	34.1	20.7	7.1 *	94	82.7	21.4	42.1	58.9	8.0	33.7	3612	25487
DYNAGRO 53F09	95	P250	35.7	20.0	7.2	98	84.5	18.1	35.7	56.7	7.9	40.9	3732	26796	34.0	19.8	6.7	94	81.6	21.3	41.8	56.1	7.5	35.6	3514	23645
GARST 8922YG1	91	C250	37.2	20.5	7.6	98	84.8	17.7	35.4	56.9	7.6	41.2	3731	28451	40.3	16.7	6.7	94	83.4	18.2	37.5	55.7	7.4	40.1	3541	23566
GOLDEN HARVEST H-6775	91	C250	41.1	18.4	7.6	99	83.5	16.7	34.3	51.9	9.0	40.6	3491	26362	38.6	15.5	6.0	92	82.5	18.7	38.7	54.7	8.8	34.0	3510	21064
GREAT LAKES 4256Bt	92	P250	37.9	21.6	8.2 *	89	85.0	17.5	34.6	56.6	7.7	42.7	3728	30391	38.8	19.3	7.4 **	92	83.8	18.3	37.2	56.3	7.6	40.0	3602	26652
GREAT LAKES 4297BtRR	92	P250	34.2	18.1	6.2	92	84.9	18.4	36.5	58.6	8.1	39.7	3776	23413	38.0	19.2	7.3 *	90	83.5	19.1	38.6	57.2	7.8	38.2	3603	26149
HYLAND SEEDS HLS011	76	P250	46.0	15.3	7.0	97	81.9	18.3	36.4	50.2	8.5	39.1	3239	22764	41.1	13.4	5.5	94	80.6	21.7	43.3	55.1	8.5	32.2	3334	18172
HYLAND SEEDS HLS021	82	P250	41.0	17.0	7.0	98	81.5	19.9	38.9	52.5	8.7	35.0	3373	23450	37.7	15.1	5.7	94	80.9	21.8	43.3	55.9	8.1	29.5	3436	19497
HYLAND SEEDS HLS034	92	P250	33.6	22.3	7.5	91	81.8	22.8	42.2	56.8	8.0	33.1	3539	26359	36.8	19.8	7.3 *	94	81.1	22.6	44.0	57.0	8.0	30.9	3471	25180
HYLAND SEEDS HLS041	93	P250	38.4	19.2	7.4	96	84.0	17.9	35.4	54.9	7.8	39.4	3642	26872	34.1	17.7	6.0	92	82.5	21.4	41.4	57.7	7.9	32.1	3570	21497
HYLAND SEEDS HLRSR42	93	P250	39.2	21.4	8.4 **	95	83.8	17.7	34.8	53.3	8.2	41.3	3584	30029	34.4	18.7	6.4	94	83.9	19.8	39.1	58.8	8.1	34.0	3692	23611
MYCOGEN F2F357	95	C125	32.6	9.4	3.1	50	86.5	18.1	38.0	64.4	8.5	34.9	3930	12087	34.8	9.6	3.4	59	84.4	18.3	39.5	60.3	8.4	35.1	3740	12529
NK Brand N32-L9	93	C250	38.0	18.4	7.0	94	83.6	18.5	35.8	54.2	8.4	40.3	3615	25104	37.8	17.7	6.7	94	82.6	20.3	39.5	55.9	7.8	37.7	3540	23674
NK Brand N33-H6	100	C250	36.4	22.5	8.2	99	83.7	19.1	37.0	56.0	8.3	37.3	3656	29891	35.0	18.6	6.5	94	80.7	21.5	42.2	54.2	8.4	32.7	3420	22145
PIONEER 37A92	97	P250	37.3	20.0	7.5	93	84.4	18.1	35.5	55.9	8.4	39.0	3691	27495	36.4	17.1	6.2	91	82.4	20.3	40.3	56.3	8.7	34.5	3563	22183
PIONEER 37D02	97	P250	37.8	20.5	7.7	95	83.7	18.7	36.2	55.0	7.5	41.4	3636	28015	36.1	17.9	6.5	94	82.5	20.3	40.4	56.7	7.9	35.2	3571	23044
PIONEER 37K84	99	P250	37.3	19.9	7.4	94	83.3	19.4	37.8	55.7	8.0	37.9	3613	26812	36.5	18.9	6.9 *	94	83.1	20.3	40.6	58.4	7.9	34.8	3618	24889
PIONEER 38W22	92	P250	38.5	18.7	7.2	93	83.6	18.1	35.8	54.3	8.2	38.3	3589	25754	40.0	17.6	7.0 *	94	83.0	18.0	37.4	54.7	8.3	36.5	3515	24705
AVERAGE			37.3	19.2	7.1	93	83.6	18.8	37.0	55.4	8.2	38.4	3609	25682	36.7	17.4	6.3	91	82.3	20.3	40.7	56.6	8.2	34.2	3536	22419
HIGHEST			46.0	22.9	8.4	99	86.5	22.8	42.2	64.4	9.0	42.7	3930	30391	41.1	20.7	7.4	94	84.4	23.0	45.8	60.3	9.1	40.1	3740	26652
LOWEST			31.7	9.4	3.1	50	81.5	16.7	34.3	50.2	7.5	33.1	3239	12087	33.8	9.6	3.4	59	80.6	18.0	37.2	54.2	7.4	27.2	3334	12529
CV (%)			4.0	8.2	6.4	4	1.0	6.8	5.3	2.3	3.3	5.4	2	7	5.1	8.1	6.0	2	1.6	7.6	5.6	4.3	4.2	8.5	3	7
LSD (.05%)			1.8	1.9	0.5	5	1.0	1.5	2.3	1.5	0.3	2.5	73	2028	2.2	1.7	0.5	3	1.6	1.8	2.7	2.9	0.4	3.4	132	1979

2 Year Averages			OSCEOLA										DELTA - LATE													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY						MILK 2000	
BRAND / HYBRID	RM		%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
DAIRYLAND STEALTH-1602	98														33.2	17.2	5.7 **	96	79.5	24.1	47.5	56.8	8.8	25.3	3363	19222
GARST 8922YG1	91														36.9	14.8	5.5 *	96	81.5	20.8	42.0	55.8	7.5	33.9	3459	19088
GREAT LAKES 4256Bt	92														36.1	15.5	5.7 **	93	82.1	20.2	40.8	56.1	7.5	35.7	3522	20082
GREAT LAKES 4297BtRR	92														35.8	15.7	5.7 **	95	81.8	20.7	41.1	55.8	7.4	35.6	3509	20117
NK Brand N33-H6	100														33.6	16.2	5.5 *	97	78.8	23.9	46.0	53.9	8.3	27.3	3290	18148
PIONEER 37K84	99														35.6	16.0	5.7 **	95	80.3	22.8	44.5	56.0	7.7	29.6	3415	19751
PIONEER 38W22	92														39.4	14.2	5.6 *	96	81.2	19.8	39.9	53.0	7.9	34.4	3397	19200
AVERAGE															35.8	15.7	5.6	95	80.7	21.8	43.1	55.3	7.9	31.7	3422	19373
HIGHEST															39.4	17.2	5.7	97	82.1	24.1	47.5	56.8	8.8	35.7	3522	20117
LOWEST															33.2	14.2	5.5	93	78.8	19.8	39.9	53.0	7.4	25.3	3290	18148
CV (%)															4.4	7.3	5.6	2	1.3	6.1	4.7	3.6	4.2	7.6	3	7
LSD (.05%)															1.3	1.0	0.3	2	0.9	1.1	1.6	1.7	0.3	2.1	76	1119

3 Year Averages			OSCEOLA (2005 & 2003 only)										DELTA - LATE													
			YIELD				% QUALITY						MILK 2000		YIELD				% QUALITY						MILK 2000	
BRAND / HYBRID	RM		%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Strch	MK/T	MK/A
GREAT LAKES 4297BtRR	92		31.5	22.5	7.0	94	85.4	20.0	37.8	61.2	7.8	37.1	3812	26664	39.7	15.8	6.3 **	94	83.4	18.3	37.0	54.8	7.3	41.3	3527	22339
NK Brand N33-H6	100		32.1	26.7	8.4 **	99	83.7	20.6	39.0	58.0	8.4	34.2	3650	30447	36.2	17.2	6.3 **	97	80.3	21.5	41.7	52.5	8.1	33.9	3358	21206
AVERAGE			31.8	24.6	7.7	96	84.6	20.3	38.4	59.6	8.1	35.7	3731	28556	37.9	16.5	6.3	96	81.8	19.9	39.4	53.7	7.7	37.6	3442	21772
HIGHEST			32.1	26.7	8.4	99	85.4	20.6	39.0	61.2	8.4	37.1	3812	30447	39.7	17.2	6.3	97	83.4	21.5	41.7	54.8	8.1	41.3	3527	22339
LOWEST			31.5	22.5	7.0	94	83.7	20.0	37.8	58.0	7.8	34.2	3650	26664	36.2	15.8	6.3	94	80.3	18.3	37.0	52.5	7.3	33.9	3358	21206
CV (%)			3.3	6.1	5.6	4	0.9	6.3	4.8	2.4	2.8	5.5	2	6	4.7	8.1	8.6	2	1.5	6.9	5.2	3.5	6.6	8.0	3	7
LSD (.05%)			1.1	1.5	0.3	3	0.7	1.1	1.6	1.0	0.2	1.9	49	1256	1.2	1.0	0.2	2	0.8	1.0	1.6	1.6	0.3	1.6	65	950