

TABLE 9.

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

ZONE 4

2006		TRIAL AVERAGE										ALPENA															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT	Stch	%Std	%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT
CROPLAN 491TS	102	C250	1,2,3	34.3	24.1	8.1	92	83.2	20.2	40.6	58.6	7.5	35.8	3640	29619	35.1	24.6	8.6	93	85.3	18.5	37.5	60.7	7.2	37.2	3807	32822
DAIRYLAND HI DF-3087RR	87	P250	1	39.0	19.7	7.6	91	82.3	18.9	38.7	54.4	7.8	37.0	3481	26471	40.6	18.7	7.6	94	84.4	16.9	35.6	55.8	7.4	39.2	3584	27124
DAIRYLAND STEAL TH-7196	96	P250	1,2	37.0	20.7	7.6	79	83.4	18.5	37.3	55.5	7.2	41.6	3586	27174	36.0	20.6	7.4	88	85.6	16.2	33.4	57.0	7.0	42.8	3798	28042
DEKALB DKC40-08 (RR2/YGCB)	90	P250	1,2	43.1	18.7	7.9	97	83.7	18.5	34.4	52.7	7.1	43.6	3458	27484	43.7	17.5	7.7	100	85.2	14.2	30.6	51.7	6.7	45.3	3504	26853
DEKALB DKC41-64 (RR2/YGCB)	91	P250	1,2	38.7	20.9	7.9	99	83.5	18.7	38.1	56.7	7.3	38.9	3566	28087	39.3	20.5	8.1	99	84.2	18.8	38.1	58.6	6.8	38.1	3647	29365
DYNAGRO 53F09	94	P250	2	37.3	21.4	7.9	94	83.4	18.4	37.6	55.8	7.0	40.9	3594	28296	38.0	20.6	7.9	94	85.0	16.5	34.3	56.5	6.9	42.1	3709	29122
DYNAGRO 53G01	94	P250	1,3	36.5	21.3	7.8	86	82.9	19.0	38.8	56.0	7.2	38.9	3574	27812	37.9	21.4	8.2	88	84.9	17.1	35.8	58.0	7.2	39.7	3701	31450
DYNAGRO 54P72	98	P250	1,2	39.0	22.3	8.7	92	83.4	17.8	36.7	54.9	7.4	39.8	3547	30797	39.6	21.5	8.5	95	85.5	15.7	33.3	56.7	7.4	41.1	3709	31452
DYNAGRO CX06000	97	P250	1,2,3	36.4	22.8	8.3	94	83.5	19.1	39.4	58.3	7.3	37.8	3628	30117	38.1	22.3	8.5	93	86.2	15.6	33.5	58.6	7.1	41.5	3792	32246
GARST 8868RR	95	C250	1	37.2	15.9	5.9	61	82.9	19.3	39.0	56.5	7.6	36.7	3562	21038	36.9	15.0	5.6	63	84.4	19.1	38.5	59.7	7.3	34.2	3711	20562
GARST 8922YG1	90	C250	2	38.7	21.7	8.3	95	84.0	17.9	36.8	56.8	6.9	41.6	3625	29962	39.3	20.5	8.1	96	86.4	15.7	33.3	59.0	6.7	42.6	3802	30494
LASER L-7H07B1	95	C250	2	38.4	22.0	8.4	99	83.3	18.5	37.8	55.9	6.8	40.8	3585	30008	38.8	21.0	8.1	98	85.0	16.4	34.2	55.8	6.8	42.3	3690	29879
MYCOGEN TMF2N422	94	C250	1,8	38.4	21.8	8.2	96	82.7	19.4	38.7	55.4	6.7	38.1	3515	28926	40.3	20.6	8.3	98	84.5	18.0	36.2	57.0	6.6	38.3	3631	30181
MYCOGEN TMF2R336	95	C250	8	37.7	21.4	7.9	95	82.9	18.8	38.6	55.8	7.8	37.0	3561	28300	37.6	18.8	7.1	94	84.2	17.9	36.6	56.9	7.6	36.6	3674	25984
NK Brand N31+P2	102	C250	4,8	37.7	21.4	8.0	96	82.6	19.6	40.3	56.9	8.0	33.4	3547	28290	37.4	20.3	7.6	93	84.1	18.6	38.6	58.7	7.9	33.0	3679	27880
NK Brand N33-H6	101	C250	8	36.1	23.6	8.4	92	82.4	19.8	39.8	55.8	7.5	36.5	3537	29834	35.8	22.6	8.1	93	83.5	19.8	39.8	58.5	7.4	33.6	3658	29568
PIONEER 38B86	97	P1250	1,2,4,11	38.8	18.7	7.2	78	84.0	18.0	37.1	55.9	7.8	39.8	3614	26044	38.7	16.9	6.6	84	84.0	18.8	37.7	57.3	7.2	38.2	3634	20378
PIONEER 38H65	99	P1250	1,2,4,11	40.6	20.0	8.0	98	84.7	16.7	35.4	56.8	7.2	41.3	3616	28883	41.3	19.7	8.1	98	86.3	15.1	32.7	57.9	6.8	42.0	3719	30137
PIONEER 38W22	92	P1250	2,4,11	38.9	19.9	7.7	90	84.2	17.5	36.4	56.8	7.9	39.0	3633	28042	39.5	18.9	7.5	93	86.2	15.7	33.9	59.5	7.5	40.1	3787	28252
RENK RK438RRYGPL	92	C250	1,2,3	38.8	21.7	8.3	99	83.2	19.3	38.9	57.1	7.1	39.5	3574	29686	41.5	19.5	8.1	98	85.5	16.9	34.4	57.7	6.6	42.3	3670	29573
AVERAGE				38.2	21.0	7.9	91	83.3	18.6	38.0	56.2	7.4	38.9	3572	28244	38.8	20.1	7.8	93	85.0	17.1	35.4	57.6	7.1	39.5	3695	28674
HIGHEST				43.1	24.1	8.7	99	84.7	20.2	40.6	58.6	8.0	43.6	3640	30797	43.7	24.6	8.6	100	86.4	19.8	39.8	60.7	7.9	45.3	3807	32822
LOWEST				34.3	15.9	5.9	61	82.3	16.5	34.4	52.7	6.7	33.4	3458	21038	35.1	15.0	5.6	63	83.5	14.2	30.6	51.7	6.6	33.0	3504	20562
CV (%)				5.5	6.0	6.7	5	1.3	8.0	6.1	3.1	4.4	6.4	2	7	4.2	7.0	6.8	4	0.9	5.9	4.2	3.5	4.8	3.9	2	7
LSD (5%)				1.4	0.9	0.4	3	0.7	1.0	1.6	1.2	0.2	1.7	54	1372	1.9	1.7	0.6	5	0.9	1.2	1.8	2.4	0.4	1.8	95	2326

  

2 Year Averages		TRIAL AVERAGE										ALPENA															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT	Stch	%Std	%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT
DYNAGRO 53F09	94	P250	2	36.7	20.1	7.3	95	83.3	18.9	37.8	55.8	7.1	40.2	3607	26385	38.3	18.6	7.1	97	84.4	17.7	35.3	55.8	6.5	42.2	3662	26051
GARST 8922YG1	90	C250	2	39.1	20.0	7.7	96	84.2	17.9	36.4	56.5	7.0	41.4	3628	28028	40.2	19.1	7.7	98	85.5	16.8	34.2	57.6	6.5	42.5	3711	28381
NK Brand N33-H6	101	C250	8	36.1	21.3	7.6	95	82.1	20.5	40.3	55.7	7.6	34.8	3526	27023	36.2	19.4	7.0	96	82.2	21.6	41.8	57.5	6.9	31.7	3565	25083
PIONEER 38W22	92	P1250	2,4,11	40.0	18.4	7.3	93	83.6	17.7	36.3	55.0	7.7	39.1	3551	25971	42.2	16.7	7.0	97	84.3	16.8	34.7	55.0	6.7	41.5	3545	24745
AVERAGE				38.0	19.9	7.5	95	83.3	18.8	37.7	55.8	7.3	38.9	3578	26852	39.2	18.4	7.2	97	84.1	18.2	36.5	56.5	6.6	39.4	3621	26065
HIGHEST				40.0	21.3	7.7	96	84.2	20.5	40.3	56.5	7.7	41.4	3628	28028	42.2	19.4	7.7	98	85.5	21.6	41.8	57.6	6.9	42.5	3711	28381
LOWEST				36.1	18.4	7.3	93	82.1	17.7	36.3	55.0	7.0	34.8	3526	25971	36.2	16.7	7.0	96	82.2	16.8	34.2	55.0	6.5	31.7	3545	24745
CV (%)				5.2	6.7	6.2	4	1.3	8.1	6.0	3.3	4.8	7.0	2	7	5.0	7.5	6.5	3	1.0	8.1	5.8	3.4	6.1	6.9	2	7
LSD (5%)				0.9	0.7	0.2	2	0.5	0.7	1.1	0.9	0.2	1.3	41	895	1.6	1.2	0.4	3	0.7	1.2	1.7	1.6	0.4	2.3	72	1540

  

3 Year Averages		TRIAL AVERAGE (Osceola not included)										ALPENA															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT	Stch	%Std	%DM	GT/A	DT/A	IVD	ADF	NDF	NDFD	CP	Stch	MK/A	MKT
GARST 8922YG1	90	C250	2	38.5	18.3	7.0	98	82.8	19.8	39.6	56.6	6.9	37.4	3539	24855	38.2	20.1	7.6	99	84.3	18.9	37.6	58.2	6.6	38.8	3663	27898
NK Brand N33-H6	101	C250	8	35.2	19.2	6.8	96	80.1	23.1	44.2	55.0	7.4	30.1	3379	23013	34.8	20.8	7.2	98	80.7	23.5	44.3	56.7	6.9	29.4	3450	24830
PIONEER 38W22	92	P1250	2,4,11	40.3	16.6	6.7	96	82.3	19.0	38.1	53.6	7.3	37.3	3446	23126	40.5	17.8	7.1	98	83.3	18.3	36.6	54.4	6.8	39.1	3509	25033
AVERAGE				38.0	18.0	6.8	97	81.7	20.6	40.6	55.1	7.2	34.9	3455	23675	37.8	19.6	7.3	98	82.8	20.2	39.5	56.4	6.8	35.7	3541	25920
HIGHEST				40.3	19.2	7.0	98	82.8	23.1	44.2	56.6	7.4	37.4	3539	24855	40.5	20.8	7.6	99	84.3	23.5	44.3	58.2	6.9	39.1	3663	27898
LOWEST				35.2	16.6	6.7	96	80.1	19.0	38.1	53.6	6.9	30.1	3379	23013	34.8	17.8	7.1	98	80.7	23.5	44.3	56.4	6.6	29.4	3450	24830
CV (%)				4.9	6.7	5.9																					

2006		OSCEOLA										DELTA - LATE															
BRAND / HYBRID	RM	TRT	Trait	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA	MKT	MKA	MKT	MKA	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA
CROPLAN 491TS	102	C250	1,2,3	29.2	28.5	8.4	96	82.9	20.5	41.0	58.3	8.1	35.4	36.1	30230	38.7	19.2	7.4	88	81.4	21.6	43.3	56.9	7.1	34.9	35.0	25805
DAIRYLAND HI DF-3087RR	87	P250	1	35.4	24.0	8.5*	90	83.4	17.8	37.6	56.0	8.4	37.9	3628	30743	41.0	16.3	6.7	88	79.1	21.9	42.9	51.3	7.6	34.0	32.31	21565
DAIRYLAND STEALTH-7196	96	P250	1,2	33.0	24.6	8.1	78	83.8	18.2	37.3	56.5	7.8	41.0	3688	29635	42.2	16.9	7.2	70	80.6	21.0	41.2	53.1	6.8	41.0	32.91	23845
DEKALB DKC40-08 (RR2Y GCB)	90	P250	1,2	38.1	21.4	8.2	91	84.8	15.4	32.9	53.9	7.6	45.3	3673	29932	47.7	17.1	8.0	100	81.1	19.8	39.9	52.4	7.0	40.2	31.99	25666
DEKALB DKC41-64 (RR2Y GCB)	91	P250	1,2	33.2	25.0	8.0	98	83.5	19.7	39.3	58.0	7.6	37.3	3658	29099	44.7	17.2	7.6	99	82.9	17.8	37.0	53.4	7.5	41.3	33.93	25796
DYNAGRO 53F09	94	P250	2	32.0	25.1	8.3	90	84.1	18.5	38.5	58.4	7.5	40.4	3699	30639	41.1	18.3	7.5	97	81.0	20.2	40.0	52.3	6.4	40.2	33.73	25129
DYNAGRO 53G01	94	P250	1,3	32.8	23.6	7.8	82	84.1	18.4	38.1	58.1	7.5	39.8	3700	28759	39.0	18.8	7.4	87	79.7	21.6	42.3	51.9	7.0	37.2	33.21	24527
DYNAGRO 54P72	98	P250	1,2	34.3	25.0	8.7*	84	83.3	19.0	39.1	57.4	7.7	37.6	3637	31633	43.3	20.5	8.9**	97	81.5	18.6	37.6	50.6	7.3	40.8	32.95	29308
DYNAGRO CX06000	97	P250	1,2,3	33.1	26.4	8.8*	91	84.9	18.5	38.7	61.0	7.8	38.3	3782	33344	38.1	19.6	7.5	99	79.5	23.4	46.0	55.3	7.0	33.5	33.09	24762
GARST 8868RR	95	C250	1	33.6	17.6	5.9	64	83.7	18.6	38.4	57.5	8.0	37.4	3659	21597	41.1	15.3	6.3	56	80.7	20.1	40.3	52.2	7.4	38.6	33.16	20955
GARST 8922YG1	90	C250	2	34.6	24.8	8.5*	92	84.8	17.3	36.1	57.9	7.4	42.1	3750	31953	42.3	19.7	8.3*	98	80.9	20.7	41.0	53.6	6.6	40.0	33.24	27439
LASER L-7H07B1	95	C250	2	34.8	25.7	8.9*	100	84.6	17.0	36.2	57.2	7.3	42.5	3729	33194	41.6	19.3	8.1	100	80.5	22.1	43.2	54.6	6.4	37.5	33.36	26951
MYCOGEN TMF2M422	94	C250	1,8	33.1	26.1	8.6*	96	81.8	20.4	40.0	54.4	7.1	37.1	3499	29958	41.9	18.7	7.8	92	81.9	19.7	40.0	54.9	6.6	39.0	34.15	26638
MYCOGEN TMF2R336	95	C250	8	34.0	26.1	8.8*	95	83.5	18.8	38.7	57.2	8.3	37.3	3633	32072	41.5	19.3	8.0	95	81.1	19.9	40.6	53.3	7.4	37.2	33.74	26845
NK Brand N31-P2	102	C250	4,8	34.6	25.4	8.7*	97	83.1	18.9	39.4	57.2	8.3	34.4	3608	31493	41.1	18.4	7.6	98	80.6	21.5	42.9	54.6	7.6	32.9	33.55	25497
NK Brand N33-H6	101	C250	8	32.7	27.9	9.1**	91	83.0	19.1	39.0	56.4	7.9	37.7	3607	32642	39.9	20.2	8.2*	91	80.8	20.4	40.5	52.3	7.2	38.0	33.45	27293
PIONEER 38B86	97	P1250	1,2,4,11	34.7	21.6	7.5	77	85.1	17.6	36.9	59.5	8.5	39.2	3781	28435	43.2	17.5	7.6	73	83.0	17.6	36.7	53.8	7.7	42.1	34.28	25908
PIONEER 38H65	99	P1250	1,2,4,11	35.1	23.9	8.4	96	85.6	16.5	35.4	59.3	7.9	40.9	3816	32054	45.4	16.4	7.4	100	82.1	18.6	38.2	53.2	7.0	41.0	33.13	24458
PIONEER 38W22	92	P1250	2,4,11	35.8	22.8	8.2	88	85.0	17.0	36.4	58.9	8.5	38.9	3757	30619	41.4	18.1	7.5	90	81.4	19.6	39.0	52.1	7.6	38.0	33.54	25255
RENK RK438RRYGPL	92	C250	1,2,3	34.8	26.1	9.0*	98	85.7	16.7	35.2	59.4	7.8	43.1	3828	34363	40.2	19.4	7.8	100	78.4	24.4	47.0	54.3	6.9	33.3	32.24	25122
AVERAGE				33.9	24.6	8.3	90	84.0	18.2	37.7	57.6	7.9	39.2	3686	30620	41.8	18.3	7.6	91	80.9	20.5	41.0	53.3	7.1	38.0	33.35	25438
HIGHEST				38.1	28.5	9.1	100	85.7	20.5	41.0	61.0	8.5	45.3	3828	34363	47.7	20.5	8.9	100	83.0	24.4	47.0	56.9	7.7	42.1	35.02	29308
LOWEST				29.2	17.6	5.9	64	81.8	15.4	32.9	53.9	7.1	34.4	3499	21597	38.1	15.3	6.3	56	78.4	17.6	36.7	50.6	6.4	32.9	31.99	20955
CV (%)				4.9	5.0	6.0	6	1.0	7.2	4.9	2.5	3.2	5.4	2	7	6.5	5.8	7.3	5	1.8	9.6	7.8	3.1	4.9	8.9	3	8
LSD (5%)				2.0	1.5	0.6	6	1.0	1.5	2.2	1.7	0.3	2.5	81	2397	3.2	1.3	0.7	5	1.8	2.3	3.8	2.0	0.4	4.0	99	2470

2 Year Averages		OSCEOLA										DELTA - LATE															
BRAND / HYBRID	RM	TRT	Trait	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA	MKT	MKA	MKT	MKA	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA
DYNAGRO 53F09	94	P250	2	34.4	22.6	7.7	94	84.3	18.3	37.1	57.5	7.7	40.7	3715	28717	37.5	19.1	7.1*	95	81.3	20.7	40.9	54.2	7.0	37.9	34.44	24387
GARST 8922YG1	90	C250	2	35.9	22.7	8.1	95	84.8	17.5	35.8	57.4	7.5	41.7	3740	30202	41.3	18.2	7.5**	96	82.2	19.5	39.3	54.6	7.0	40.0	34.32	25503
NK Brand N33-H6	101	C250	8	34.6	25.2	8.6**	95	83.4	19.1	38.0	56.2	8.1	37.5	3631	31266	37.4	19.4	7.3*	92	80.7	21.0	41.3	53.3	7.8	35.4	33.82	24719
PIONEER 38W22	92	P1250	2,4,11	37.1	20.7	7.7	91	84.3	17.6	36.1	56.6	8.4	38.6	3673	28186	40.7	17.8	7.3*	92	82.2	18.8	38.2	53.4	8.0	37.2	34.34	24980
AVERAGE				35.5	22.8	8.0	94.0	84.2	18.1	36.8	56.9	7.9	39.6	3690	29593	39.2	18.6	7.3	94	81.6	20.0	39.9	53.9	7.4	37.6	34.23	24897
HIGHEST				37.1	25.2	8.6	95.0	84.8	19.1	38.0	57.5	8.4	41.7	3740	31266	41.3	19.4	7.5	96	82.2	21.0	41.3	54.6	8.0	40.0	34.44	25503
LOWEST				34.4	20.7	7.7	91.0	83.4	17.5	35.8	56.2	7.5	37.5	3631	28186	37.4	17.8	7.1	92	80.7	18.8	38.2	53.3	7.0	35.4	33.82	24387
CV (%)				4.6	5.9	5.8	5.1	1.0	7.1	5.1	2.4	3.3	5.3	2	6	5.7	6.8	6.4	4	1.7	8.7	6.8	3.9	4.8	8.4	3	8
LSD (5%)				1.3	1.2	0.4	3.9	0.7	1.1	1.6	1.1	0.2	1.7	54	1553	1.9	1.0	0.4	3	1.2	1.5	2.3	1.7	0.3	2.6	82	1566

3 Year Averages		OSCEOLA										DELTA - LATE															
BRAND / HYBRID	RM	TRT	Trait	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA	MKT	MKA	MKT	MKA	IVD	ADF	NDF	NDFD	CP	Stch	MILK	MKA
GARST 8922YG1	90	C250	2													38.7	16.4	6.4*	97	81.3	20.8	41.6	55.1	7.2	36.0	34.14	21871
NK Brand N33-H6	101	C250	8													35.7	17.6	6.4*	95	79.4	22.7	44.1	53.4	7.9	30.9	33.08	21197
PIONEER 38W22	92	P1250	2,4,11													40.1	15.5	6.2*	94	81.3	19.7	39.6	52.7	7.8	35.6	33.83	21219
AVERAGE																38.1	16.5	6.3	95	80.7	21.1	41.8	53.7	7.6	34.1	33.69	21429
HIGHEST																40.1	17.6	6.4	97	81.3	22.7	44.1	55.1	7.9	36.0	34.14	21871
LOWEST																35.7	15.5	6.2	94	79.4	19.7	39.6	52.7	7.2	30.9	33.08	21197
CV (%)																5.0	6.5	5.9	3	1.5	7.5	5.9	3.5	4.7	7.7	3	7
LSD (5%)																1.4	0.8	0.3	2	0.8	1.1	1.7	1.3	0.2	1.9	60	1100