

TABLE 9.

ALPENA, OSCEOLA & DELTA COUNTY SILAGE TRIALS (103 Day and Earlier)

ZONE 4

2003		ALPENA											OSCEOLA												
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A		
BAYSIDE 2090	90	40.2	19.2	7.7	94	82.6	19.1	36.6	7.9	41.7	3464	26713	31.6	22.8	7.2	95	84.7	19.4	37.5	8.3	36.3	3720	26794		
BAYSIDE NorthGro NG5072RR	93	39.4	20.7	*	8.1	94	81.7	20.3	37.9	7.1	40.4	3428	27850	31.1	25.7	*	8.0	93	84.3	19.4	37.7	8.0	36.0	3679	29250
BAYSIDE Super 93	93	39.6	19.3	7.7	96	80.7	20.6	38.6	7.2	40.2	3335	25687	29.2	24.3	7.1	95	83.0	21.7	41.5	8.3	32.2	3592	25525		
DAIRYLAND STEALTH-1089RR	89	37.8	19.7	7.5	88	82.5	19.9	37.9	7.8	39.1	3548	26456	29.9	24.8	7.4	99	83.3	21.2	40.2	8.6	33.7	3606	26801		
DEKALB DKC44-46 (RR/YGCB)	94	36.6	22.2	*	8.1	93	85.2	17.7	34.1	6.9	43.4	3785	30793	28.6	27.9	*	8.0	100	85.0	20.2	38.8	7.9	35.3	3758	29989
DYNAGRO 51N39	88	38.1	19.1	7.2	95	81.7	20.1	37.4	7.5	40.4	3422	24660	30.5	23.7	7.2	100	82.9	21.1	39.4	8.1	33.5	3564	25773		
GENESIS 2D93RRYGCB	93	38.7	21.2	*	8.2	93	84.9	17.2	33.5	7.0	43.4	3701	30260	27.9	25.8	7.2	95	84.7	20.8	40.1	8.3	33.3	3740	26827	
GREAT LAKES 4297BIRR	92	35.9	20.6	7.4	83	85.4	18.0	35.1	7.3	40.9	3809	28097	28.8	26.9	7.8	95	85.9	20.7	39.0	7.4	34.5	3847	29914		
GREAT LAKES 4979	99	33.4	24.8	*	8.3	95	82.8	22.0	40.8	7.3	33.5	3625	29994	28.0	27.6	7.7	95	83.0	23.6	44.3	7.7	28.3	3618	27905	
HYLAND SEEDS HL2368	90	37.2	23.2	**	8.6	94	84.3	18.8	35.9	6.9	40.7	3688	31699	29.7	25.5	7.6	100	86.3	19.4	37.2	7.5	35.4	3864	29387	
LG SEEDS LG2407Bt	92	36.8	23.2	*	8.5	92	84.6	18.4	35.1	7.0	41.6	3712	31474	29.7	24.5	7.3	99	86.5	18.3	35.5	7.2	39.4	3878	28106	
LG SEEDS LG2415	92	36.1	21.5	7.8	78	80.8	22.9	42.3	8.0	34.8	3446	26698	29.4	27.5	*	8.1	82	83.8	21.5	40.3	8.3	33.3	3663	29617	
NK Brand N33-H6	100	35.8	21.8	7.8	97	79.5	23.2	41.4	7.7	36.0	3330	26117	27.7	30.8	**	8.5	98	83.6	22.1	41.0	8.4	31.1	3643	31003	
PIONEER 36M28	103	35.2	22.2	7.8	84	82.1	22.3	41.3	7.2	34.9	3572	28028	28.2	26.5	7.4	92	83.3	23.7	43.9	8.4	28.2	3627	26931		
PIONEER 37D03	97	38.8	21.2	*	8.2	94	82.7	19.5	37.2	7.0	41.3	3528	28764	30.2	26.0	7.8	95	84.7	19.9	38.6	7.9	35.7	3730	29216	
PIONEER 38A25	96	36.2	22.3	*	8.0	92	82.4	20.6	39.0	7.2	37.9	3567	28588	31.9	23.2	7.4	97	85.4	19.8	37.9	7.8	34.5	3773	27846	
PIONEER 38G60	90	43.5	18.0	7.8	97	82.5	18.4	35.2	7.2	43.8	3337	26114	33.1	23.1	7.6	100	84.7	19.1	36.2	7.8	36.9	3710	28307		
PIONEER 38H67	98	34.3	22.6	7.8	91	84.2	20.0	37.8	7.1	38.3	3735	28980	29.3	25.2	7.4	95	87.3	18.4	35.5	7.8	36.1	3936	29157		
Average		37.4	21.3	7.9	92	82.8	19.9	37.6	7.3	39.6	3557	28165	29.7	25.6	7.6	96	84.6	20.6	39.1	8.0	34.1	3719	28241		
Highest		43.5	24.8	8.6	97	85.4	23.2	42.3	8.0	43.8	3809	31699	33.1	30.8	8.5	100	87.3	23.7	44.3	8.6	39.4	3936	31003		
Lowest		33.4	18.0	7.2	78	79.5	17.2	33.5	6.9	33.5	3330	24660	27.7	22.8	7.1	82	82.9	18.3	35.5	7.2	28.2	3564	25525		
CV (%)		5.7	5.5	6.0	6	2.2	11.3	8.5	2.7	8.7	4	8	4.4	5.9	6.5	5	1.8	8.4	6.6	4.5	8.1	3	8		
LSD (.05%)		2.5	1.4	0.6	6	2.1	2.7	3.8	0.2	4.1	150	2657	1.6	1.8	0.6	5	1.8	2.0	3.0	0.4	3.3	148	2702		

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

2002 & 2003 Averages		ALPENA											OSCEOLA												
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A		
BAYSIDE NorthGro NG5072RR	93	43.1	20.0	*	8.6	97	78.7	21.8	39.7	7.1	40.5	3123	25810	36.8	22.1	**	7.9	97	84.2	18.2	35.3	7.6	40.7	3598	27636
GREAT LAKES 4979	99	34.6	25.2	**	8.7	97	80.8	22.2	40.4	7.4	34.9	3478	29252	32.5	24.0	*	7.6	97	83.1	21.3	40.0	7.5	34.5	3619	26666
PIONEER 38A25	96	39.1	22.3	**	8.7	96	80.4	21.4	40.0	7.0	38.4	3366	28189	37.2	21.0	*	7.7	98	84.5	18.6	36.0	7.3	39.7	3633	26931
Average		38.9	22.5	8.7	97	79.9	11.1	40.0	7.2	0.1	3323	27751	35.5	22.3	7.7	97	83.9	19.4	37.1	7.4	38.3	3617	27078		
Highest		43.1	25.2	8.7	97	80.8	1.9	40.4	7.4	2.9	3478	29252	37.2	24.0	7.9	98	84.5	21.3	40.0	7.6	40.7	3633	27636		
Lowest		34.6	20.0	8.6	96	78.7	21.8	39.7	7.0	37.9	3123	25810	32.5	21.0	7.6	97	83.1	18.2	35.3	7.3	34.5	3598	26666		
CV (%)		0.0	7.1	3.3	0	0.1	22.2	0.1	0.0	40.5	2	30	0.0	8.2	3.9	0	0.0	8.6	0.0	0.0	0.1	2	31		
LSD (.05%)		1.8	1.0	0.4	4	1.5	21.4	2.7	0.2	34.9	107	1714	1.5	1.2	0.4	3	1.1	1.4	2.1	0.3	2.2	87	1767		

2003		DELTA - LATE											TRIAL AVERAGE										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
BAYSIDE 2090	90	49.8	13.0	6.5	98	84.5	15.4	31.8	8.1	50.7	3353	21732	40.5	18.3	7.1	96	83.9	18.0	35.3	8.1	42.9	3512	25079
BAYSIDE NorthGro NG5072RR	93	45.1	15.0	6.7	99	83.4	16.6	33.1	7.3	48.7	3364	22628	38.5	20.5	7.6	95	83.1	18.8	36.2	7.5	41.7	3490	26576
BAYSIDE Super 93	93	45.1	14.8	6.7	98	83.9	16.1	32.7	7.3	48.2	3422	22754	38.0	19.5	7.2	96	82.5	19.5	37.6	7.6	40.2	3450	24655
DAIRYLAND STEALTH-1089RR	89	47.6	14.6	7.0	99	84.2	15.0	31.4	8.2	50.8	3326	23156	38.4	19.7	7.3	95	83.3	18.7	36.5	8.2	41.2	3493	25471
DEKALB DKC44-46 (RR/YGCB)	94	44.3	17.0	* 7.5	99	85.3	15.5	32.0	6.6	49.8	3562	26649	36.5	22.4	* 7.9	97	85.2	17.8	35.0	7.1	42.8	3702	29143
DYNAGRO 51N39	88	50.3	12.1	6.1	100	83.7	14.4	29.6	8.4	53.4	3218	19508	39.6	18.3	6.8	98	82.8	18.5	35.5	8.0	42.4	3401	23314
GENESIS 2D93RRYGCB	93	49.0	15.3	* 7.4	93	87.0	12.0	26.1	7.0	55.9	3545	26243	38.5	20.8	7.6	94	85.5	16.7	33.2	7.4	44.2	3662	27777
GREAT LAKES 4297BtRR	92	47.6	16.0	* 7.5	93	86.4	13.4	28.9	7.0	52.6	3564	26783	37.4	21.2	7.6	90	85.9	17.4	34.3	7.2	42.7	3740	28265
GREAT LAKES 4979	99	38.4	18.4	7.0	99	82.4	18.7	36.2	7.7	43.6	3533	24771	33.3	23.6	* 7.7	96	82.7	21.4	40.4	7.6	35.1	3592	27557
HYLAND SEEDS HL2368	90	46.3	16.3	* 7.5	97	85.8	13.9	29.4	7.0	52.3	3539	26374	37.7	21.7	* 7.9	97	85.5	17.4	34.2	7.1	42.8	3697	29153
LG SEEDS LG2407Bt	92	43.7	17.5	* 7.7	97	85.2	15.2	30.9	7.1	50.3	3553	27176	36.7	21.7	* 7.8	96	85.4	17.3	33.8	7.1	43.8	3714	28919
LG SEEDS LG2415	92	50.7	13.3	6.7	94	84.9	15.0	30.7	7.8	51.5	3383	23247	38.7	20.8	7.5	85	83.2	19.8	37.8	8.0	39.9	3497	26521
NK Brand N33-H6	100	41.4	19.0	** 7.8	97	83.4	16.8	33.1	7.8	47.2	3494	27320	35.0	23.9	* 8.0	97	82.2	20.7	38.5	8.0	38.1	3489	28147
PIONEER 36M28	103	44.5	15.0	6.7	95	85.0	14.8	31.0	7.9	48.7	3514	23344	36.0	21.2	7.3	90	83.5	20.3	38.7	7.8	37.3	3571	26101
PIONEER 37D03	97	47.8	15.3	* 7.3	99	84.2	15.2	30.8	7.4	51.3	3331	24162	38.9	20.8	* 7.8	96	83.9	18.2	35.5	7.4	42.8	3530	27381
PIONEER 38A25	96	46.9	15.4	* 7.2	99	86.2	12.9	28.2	7.3	53.0	3510	25285	38.3	20.3	7.5	96	84.7	17.8	35.0	7.4	41.8	3617	27240
PIONEER 38G60	90	51.8	13.1	6.7	99	83.6	15.5	31.1	7.6	51.9	3295	21988	42.8	18.1	7.4	99	83.6	17.7	34.2	7.5	44.2	3447	25470
PIONEER 38H67	98	47.6	14.4	6.8	99	87.3	11.5	26.0	7.2	56.2	3551	24206	37.1	20.7	7.3	95	86.3	16.6	33.1	7.4	43.5	3741	27447
Average		46.5	15.3	7.0	97	84.8	14.9	30.7	7.5	50.9	3448	24296	37.9	20.7	7.5	95	84.1	18.5	35.8	7.6	41.5	3575	26901
Highest		51.8	19.0	7.8	100	87.3	18.7	36.2	8.4	56.2	3564	27320	42.8	23.9	8.0	99	86.3	21.4	40.4	8.2	44.2	3741	29153
Lowest		38.4	12.1	6.1	93	82.4	11.5	26.0	6.6	43.6	3218	19508	33.3	18.1	6.8	85	82.2	16.6	33.1	7.1	35.1	3401	23314
CV (%)		5.5	8.6	6.7	3	1.8	14.4	10.0	4.5	6.2	3	7	5.5	6.5	6.4	5	1.9	11.1	8.3	4.1	7.5	3	8
LSD (.05%)		3.1	1.6	0.6	3	1.8	2.5	3.6	0.4	3.7	117	2126	1.4	0.9	0.3	3	1.1	1.4	2.0	0.2	2.1	79	1431

\*\* Highest Yielding Hybrid  
 \* Not Significantly Different from Highest Yielding Hybrid

2002 & 2003 Averages		DELTA - LATE											TRIAL AVERAGE										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
BAYSIDE NorthGro NG5072RR	93	40.5	18.0	7.1	95	80.2	20.4	38.4	7.3	41.1	3273	23336	40.1	20.0	* 7.9	96	81.0	20.1	37.8	7.3	40.8	3331	25594
GREAT LAKES 4979	99	36.4	21.2	* 7.6	99	80.6	20.8	39.0	7.5	39.1	3421	26001	34.5	23.5	** 8.0	98	81.5	21.4	39.8	7.5	36.2	3506	27306
PIONEER 38A25	96	41.8	19.0	** 7.7	99	83.1	16.9	33.6	7.1	46.0	3444	26645	39.4	20.8	** 8.0	98	82.7	19.0	36.5	7.1	41.4	3481	27255
Average		39.5	19.4	7.5	98	81.3	19.4	37.0	7.3	42.1	3379	25328	38.0	21.4	8.0	97	81.7	20.2	38.0	7.3	39.4	3440	26719
Highest		41.8	21.2	7.7	99	83.1	20.8	39.0	7.5	46.0	3444	26645	40.1	23.5	8.0	98	82.7	21.4	39.8	7.5	41.4	3506	27306
Lowest		36.4	18.0	7.1	95	80.2	16.9	33.6	7.1	39.1	3273	23336	34.5	20.0	7.9	96	81.0	19.0	36.5	7.1	36.2	3331	25594
CV (%)		0.1	11.8	4.9	0	0.1	14.2	0.1	0.0	0.1	2	35	0.1	8.7	3.9	0	0.1	11.1	0.1	0.0	0.1	2	32
LSD (.05%)		2.2	1.3	0.5	3	1.6	1.9	2.8	0.4	3.1	107	1803	1.1	0.6	0.2	2	0.8	1.0	1.5	0.2	1.6	58	1012