

TABLE 9.

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

ZONE 4

2004			ALPENA										DELTA - Late											
Brand / Hybrid	RM	TRT	%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
GARST 8922YG1	92		34.3	22.2	7.6	100	82.0	22.9	44.3	7.0	31.4	3567	26932	33.6	13.0	4.3	99	79.6	23.5	46.4	7.6	27.8	3377	14609
GOLDEN HARVEST H-7298RR	98		31.3	23.2	7.3	100	77.3	27.9	50.5	7.4	24.9	3191	23137	30.8	12.8	3.9	91	76.8	26.9	51.6	8.8	20.5	3160	12399
SPANGLER LFT19R	89		35.0	20.4	7.1	100	79.2	24.8	47.4	7.0	27.6	3328	23633	37.5	11.1	4.2	97	78.4	24.0	47.6	8.2	27.0	3263	13541
SPANGLER LFT31R	97		31.8	21.7	6.9	100	79.6	26.8	49.4	6.4	25.0	3385	23279	29.8	11.7	3.5	99	77.6	26.1	50.4	8.2	24.2	3235	11239
Average			33.1	21.8	7.2	100	79.5	25.6	47.9	6.9	27.2	3368	24245	32.9	12.1	4.0	96	78.1	25.1	49.0	8.2	24.9	3259	12947
DAIRYLAND STEALTH-1602	98	P250	31.1	23.1	7.2	100	79.0	26.1	48.7	7.2	26.1	3323	23930	32.6	15.3	5.0**	100	78.3	25.3	49.3	8.5	23.4	3283	16331
DEKALB DKC39-48 (RR2/YGCB)	89	P250	34.0	21.1	7.2	100	82.3	22.7	43.6	6.6	30.8	3583	25702	34.9	13.3	4.6*	100	81.0	20.8	40.6	7.7	34.1	3456	15993
DEKALB DKC44-46 (RR2/YGCB)	94	P250	34.0	22.9	7.8*	100	81.6	23.4	44.7	6.6	31.0	3536	27488	33.2	12.5	4.2	100	80.2	23.0	45.0	7.4	30.1	3429	14243
GREAT LAKES 4256Bt	92	P250	34.0	22.3	7.6	100	82.7	22.0	42.3	6.8	33.3	3614	27305	33.4	11.7	3.9	94	80.4	22.2	44.5	7.5	31.4	3442	13512
GREAT LAKES 4297BiRR	92	P250	33.7	22.8	7.7*	100	80.8	23.9	45.4	6.6	31.1	3469	26542	33.6	12.3	4.1	100	80.2	22.2	43.6	7.1	33.0	3414	14085
HYLAND SEEDS HL2368	90	P250	34.3	21.6	7.4	100	80.9	24.4	45.8	6.6	30.6	3477	25634	34.6	12.7	4.4	100	79.1	24.3	47.7	7.1	29.2	3349	14564
HYLAND SEEDS HLB282	92	P250	31.4	23.4	7.3	100	79.5	26.9	49.6	6.5	23.6	3373	24701	31.4	12.9	4.1	88	79.4	23.6	46.6	7.5	27.8	3361	13610
Average	250		33.2	22.4	7.4	100	81.0	24.2	45.7	6.7	29.5	3482	25900	33.4	12.9	4.3	97	79.8	23.1	45.3	7.5	29.8	3390	14620
NK Brand N3030Bt	93	C1250	35.2	23.4	8.2**	100	82.5	23.8	43.8	6.4	31.2	3610	29609	32.7	9.6	3.2	83	79.7	23.7	46.8	7.8	26.4	3392	10684
NK Brand N33-H6	100	C1250	32.0	23.7	7.6	100	77.8	27.3	49.3	6.9	24.8	3221	24324	32.1	13.9	4.5	100	76.9	26.3	49.8	8.2	21.8	3160	14152
PIONEER 37A91	96	P1250	36.9	19.8	7.3	100	79.9	23.6	44.9	7.0	29.9	3362	24374	37.5	12.8	4.8*	100	79.0	22.2	43.5	7.7	32.9	3273	15635
PIONEER 37F16	98	P1250	34.1	21.0	7.2	100	79.7	25.3	46.9	6.7	28.6	3382	24288	34.5	11.3	3.9	99	78.4	24.5	47.4	7.5	27.7	3283	12726
PIONEER 37K84	100	P1250	34.5	22.3	7.7*	99	79.8	25.3	46.7	6.8	28.0	3383	25922	34.7	13.1	4.6*	97	77.6	25.2	48.4	7.5	24.5	3212	14613
PIONEER 38W22	92	P1250	37.2	20.1	7.5	100	81.1	21.1	40.5	7.0	34.3	3435	25607	38.9	10.8	4.2	98	79.4	21.6	42.4	7.6	32.4	3280	13696
PIONEER 39H83	82	P1250	42.3	17.1	7.2	100	81.6	18.7	36.1	7.2	39.7	3290	23705	42.1	9.0	3.8	100	77.5	24.6	47.0	7.5	28.0	3095	11747
Average	1250		36.0	21.1	7.5	100	80.3	23.6	44.0	6.8	30.9	3383	25404	36.0	11.5	4.1	97	78.3	24.0	46.5	7.7	27.7	3242	13322
AVERAGE			34.3	21.8	7.4	100	80.4	24.3	45.5	6.8	29.5	3418	25340	34.3	12.2	4.2	97	78.8	23.9	46.6	7.7	27.9	3304	13743
HIGHEST			42.3	23.7	8.2	100	82.7	27.9	50.5	7.4	39.7	3614	29609	42.1	15.3	5.0	100	81.0	26.9	51.6	8.8	34.1	3456	16331
LOWEST			31.1	17.1	6.9	99	77.3	18.7	36.1	6.4	23.6	3191	23137	29.8	9.0	3.2	83	76.8	20.8	40.6	7.1	20.5	3095	10684
CV (%)			4.3	6.8	4.7	1	1.3	5.0	4.0	4.4	7.1	2	6	3.5	7.3	6.1	2	1.0	4.1	3.5	4.4	7.2	2	7
LSD (.05%)			1.7	1.8	0.5	1	1.2	1.4	2.2	0.4	2.5	100	1785	1.4	1.1	0.4	2	1.0	1.2	2.0	0.4	2.4	77	1085

2 Year AVERAGES		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
DEKALB DKC44-46 (RR2/YGCB)	94		35.3	22.5	8.0**	96	83.4	20.5	39.4	6.7	37.2	3661	29141	38.7	14.7	5.8	100	82.8	19.3	38.5	7.0	40.0	3495	20446
GREAT LAKES 4297BiRR	92		34.8	21.7	7.5	91	83.1	20.9	40.2	7.0	36.0	3639	27319	40.6	14.1	5.8	96	83.3	17.8	36.3	7.0	42.8	3489	20434
HYLAND SEEDS HL2368	90		35.8	22.4	8.0**	97	82.6	21.6	40.8	6.8	35.6	3582	28667	40.4	14.5	5.9*	99	82.4	19.1	38.6	7.1	40.8	3444	20469
NK Brand N33-H6	100		33.9	22.8	7.7*	98	78.6	25.3	45.4	7.3	30.4	3275	25220	36.8	16.5	6.1**	98	80.2	21.5	41.4	8.0	34.5	3327	20736
AVERAGE			34.9	22.4	7.8	96	81.9	22.1	41.4	6.9	34.8	3539	27587	39.1	15.0	5.9	98	82.2	19.4	38.7	7.3	39.5	3439	20521
HIGHEST			35.8	22.8	8.0	98	83.4	25.3	45.4	7.3	37.2	3661	29141	40.6	16.5	6.1	100	83.3	21.5	41.4	8.0	42.8	3495	20736
LOWEST			33.9	21.7	7.5	91	78.6	20.5	39.4	6.7	30.4	3275	25220	36.8	14.1	5.8	96	80.2	17.8	36.3	7.0	34.5	3327	20434
CV (%)			5.3	4.7	1.9	9	3.0	4.1	5.9	0.6	7.3	28	70	4.1	4.8	3.6	5	2.4	3.0	4.7	1.8	6.4	20	59
LSD (.05%)			1.5	1.1	0.3	3	1.2	1.5	2.2	0.2	2.4	89	1586	1.9	1.8	0.2	2	1.1	1.4	2.0	0.3	2.4	75	925

** Highest Yielding Hybrid in DT/A

* Not Significantly Different from Highest Yielding Hybrid

NO HYBRIDS ENTERED FOR THREE YEARS

YIELDS WERE NOT TAKEN IN OSCEOLA COUNTY DO TO SEVERE ROUNDUP DAMAGE

2004			TRIAL AVERAGE										
Brand / Hybrid	RM	TRT	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
GARST 8922YG1	92		33.9	17.6	5.9 *	99	80.8	23.2	45.4	7.3	29.6	3472	20771
GOLDEN HARVEST H-7298RR	98		31.1	18.0	5.6	95	77.0	27.4	51.0	8.1	22.7	3176	17768
SPANGLER LFT19R	89		36.2	15.7	5.6	98	78.8	24.4	47.5	7.6	27.3	3295	18587
SPANGLER LFT31R	97		30.8	16.7	5.2	99	78.6	26.4	49.9	7.3	24.6	3310	17259
Average			33.0	17.0	5.6	98	78.8	25.3	48.4	7.6	26.0	3313	18596
DAIRYLAND STEALTH-1602	98	P250	31.9	19.2	6.1**	100	78.6	25.7	49.0	7.8	24.7	3303	20130
DEKALB DKC39-48 (RR2/YGCB)	89	P250	34.4	17.2	5.9 *	100	81.6	21.8	42.1	7.2	32.4	3519	20848
DEKALB DKC44-46 (RR2/YGCB)	94	P250	33.6	17.7	6.0 *	100	80.9	23.2	44.8	7.0	30.6	3482	20866
GREAT LAKES 4256Bt	92	P250	33.7	17.0	5.7	97	81.5	22.1	43.4	7.1	32.4	3528	20409
GREAT LAKES 4297BtRR	92	P250	33.6	17.5	5.9 *	100	80.5	23.1	44.5	6.8	32.0	3442	20314
HYLAND SEEDS HL2368	90	P250	34.4	17.1	5.9 *	100	80.0	24.3	46.8	6.8	29.9	3413	20099
HYLAND SEEDS HLB282	92	P250	31.4	18.2	5.7	94	79.4	25.3	48.1	7.0	25.7	3367	19156
Average	250		33.3	17.7	5.9	99	80.4	23.6	45.5	7.1	29.7	3436	20260
NK Brand N3030Bt	93	C1250	33.9	16.5	5.7	91	81.1	23.8	45.3	7.1	28.8	3501	20146
NK Brand N33-H6	100	C1250	32.1	18.8	6.0 *	100	77.3	26.8	49.5	7.5	23.3	3191	19238
PIONEER 37A91	96	P1250	37.2	16.3	6.0 *	100	79.4	22.9	44.2	7.3	31.4	3318	20005
PIONEER 37F16	98	P1250	34.3	16.2	5.5	99	79.1	24.9	47.2	7.1	28.1	3333	18507
PIONEER 37K84	100	P1250	34.6	17.7	6.1**	98	78.7	25.3	47.5	7.2	26.2	3298	20267
PIONEER 38W22	92	P1250	38.0	15.4	5.8 *	99	80.3	21.3	41.4	7.3	33.3	3358	19651
PIONEER 39H83	82	P1250	42.2	13.0	5.5	100	79.6	21.6	41.6	7.3	33.8	3192	17726
Average	1250		36.0	16.3	5.8	98	79.3	23.8	45.2	7.2	29.3	3313	19363
AVERAGE			34.3	17.0	5.8	98	79.6	24.1	46.1	7.3	28.7	3361	19541
HIGHEST			42.2	19.2	6.1	100	81.6	27.4	51.0	8.1	33.8	3528	20866
LOWEST			30.8	13.0	5.2	91	77.0	21.3	41.4	6.8	22.7	3176	17259
CV (%)			3.9	7.2	5.2	1	1.1	4.6	3.8	4.4	7.1	2	6
LSD (.05%)			1.1	1.0	0.3	1	0.8	0.9	1.4	0.3	1.7	63	1035

2 Year AVERAGES		TRIAL AVERAGES										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
DEKALB DKC44-46 (RR2/YGCB)	94	35.0	20.0	6.9	99	83.1	20.5	39.9	7.1	36.7	3592	25004
GREAT LAKES 4297BtRR	92	35.5	19.3	6.7	95	83.2	20.2	39.4	7.0	37.4	3591	24289
HYLAND SEEDS HL2368	90	36.1	19.4	6.9	99	82.7	20.9	40.5	7.0	36.3	3555	24626
NK Brand N33-H6	100	33.5	21.4	7.0	99	79.8	23.7	44.0	7.8	30.7	3340	23692
AVERAGE		35.0	20.0	6.9	98	82.2	21.3	41.0	7.2	35.3	3519	24403
HIGHEST		36.1	21.4	7.0	99	83.2	23.7	44.0	7.8	37.4	3592	25004
LOWEST		33.5	19.3	6.7	95	79.8	20.2	39.4	7.0	30.7	3340	23692
CV (%)		4.3	5.1	2.5	3	2.2	2.8	4.4	1.3	5.8	21	59
LSD (.05%)		1.1	1.4	0.1	2	0.6	1.0	1.5	0.2	1.2	58	745

** Highest Yielding Hybrid in DT/A

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