

TABLE 10.

ALGER & DELTA (EARLY) COUNTY SILAGE TRIALS (92 Day and Earlier)

ZONE 5

2006		TRIAL AVERAGE										ALGER															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A
BALDRIDGE BH375	85			36.3	14.5	5.3	82	79.6	22.8	45.7	55.2	8.2	32.4	3300	17319	32.1	14.5	4.7	73	80.4	22.8	46.2	57.6	9.0	30.2	3414	15908
BAYSIDE 3731RR	86		1	39.9	16.3	6.5	84	82.5	19.8	41.3	57.4	7.7	37.6	3474	22271	35.1	16.0	5.6	71	83.4	19.8	42.1	60.4	8.2	36.1	3649	20178
BAYSIDE S084RR	84		P250 1	37.9	14.2	5.3	75	82.9	20.4	43.1	60.3	7.9	31.9	3561	18871	32.4	14.6	4.7	58	83.5	19.5	42.1	60.9	8.7	32.5	3669	17122
DAIRYLAND DST-8711Bt	89		P250 2	40.7	18.0	7.3	100	82.9	19.6	40.7	58.3	7.3	37.9	3506	25620	35.8	18.1	6.6	**	83.2	19.8	41.4	59.8	7.5	37.3	3629	23747
DAIRYLAND STEALTH-7184	85		P250 1,2	36.7	17.9	6.6	100	82.6	19.4	40.5	56.7	7.7	37.2	3508	22922	31.8	18.6	5.9	100	83.9	19.8	41.5	60.7	7.9	35.3	3688	21722
DEKALB DKC38-33 (RR2Y GCB)	88		P250 1,2	38.0	17.3	6.6	87	82.3	19.5	40.5	56.2	7.8	37.4	3453	22586	32.5	18.6	6.0	* 82	81.7	20.3	42.1	59.0	8.3	34.4	3591	21630
DYNAGRO 51G25	84		P250 1,3	38.7	14.6	5.6	74	81.4	20.0	41.2	55.1	7.8	37.4	3404	19257	34.6	14.7	5.2	65	81.4	20.1	41.0	55.0	8.0	38.0	3450	17940
DYNAGRO 52P81	85		P250 1,2	37.0	18.4	6.7	98	83.3	19.4	40.8	59.0	7.8	36.8	3603	24268	34.1	18.9	6.4	*	83.6	19.7	41.7	60.7	7.9	35.7	3670	23446
NK Brand N16-M1	82		C250 2,4	40.0	15.2	6.1	84	83.4	18.5	38.8	57.0	8.2	38.9	3513	21542	35.6	15.1	5.4	75	82.9	19.4	40.3	57.5	8.5	36.7	3566	19376
NK Brand N21-L4	86		C250	42.9	15.0	6.4	92	82.9	18.4	38.9	55.7	7.4	40.1	3429	21714	39.9	15.1	6.0	* 84	83.6	18.5	39.6	58.4	7.5	39.5	3578	21207
PIONEER 37A93	97		P1250 1,2	37.0	17.8	6.5	83	82.9	19.3	39.7	57.0	8.3	38.4	3548	23115	33.2	18.5	6.2	* 80	83.2	18.9	39.3	57.6	8.7	38.8	3613	22418
PIONEER 38H65	99		P1250 1,2,4,11	36.1	19.3	6.9	98	83.6	20.0	41.6	60.6	7.7	36.5	3688	25263	33.3	19.2	6.3	*	84.8	19.4	41.2	62.8	7.8	36.9	3774	23726
PIONEER 39D85	87		P250 1,2,4,11	40.1	16.0	6.4	90	82.6	19.6	40.6	56.9	7.8	37.7	3471	21979	34.8	16.8	5.9	85	82.9	19.5	40.5	57.6	8.3	38.0	3587	20961
RENK RK244	84		C250 2,4	39.3	13.1	5.1	51	81.1	20.7	41.4	54.3	8.3	36.6	3350	17141	34.0	13.5	4.6	39	81.5	20.7	41.7	55.6	8.9	36.2	3468	16025
SPANGLER LFT38	97			33.9	20.4	6.8	83	81.9	22.1	43.9	58.7	7.5	34.5	3539	23978	30.1	21.6	6.4	*	83.5	21.6	43.4	61.7	7.8	34.2	3671	23475
WOLF RIVER VALLEY 2585LRR	85		1	36.4	17.4	6.3	71	82.0	21.2	44.5	59.5	8.5	32.2	3526	22155	32.8	16.6	5.4	54	82.7	21.8	46.3	62.6	8.9	29.6	3623	19444
AVERAGE				38.2	16.6	6.3	85	82.4	20.1	41.4	57.4	7.9	36.5	3491	21875	33.9	16.9	5.7	77	82.9	20.1	41.9	59.2	8.2	35.6	3602	20520
HIGHEST				42.9	20.4	7.3	100	83.6	22.8	45.7	60.6	8.5	40.1	3688	25620	39.9	21.6	6.6	100	84.8	22.8	46.3	62.8	9.0	39.5	3774	23747
LOWEST				33.9	13.1	5.1	51	79.6	18.4	38.8	54.3	7.3	31.9	3300	17141	30.1	13.5	4.6	39	80.4	18.5	39.3	55.0	7.5	29.6	3414	15908
CV (%)				6.4	8.3	7.8	9	1.5	7.8	6.0	3.3	4.9	6.9	3	8	6.2	8.1	8.3	11	1.3	7.3	5.7	3.6	4.9	6.7	2	8
LSD (5%)				2.0	1.2	0.4	6	1.0	1.3	2.1	1.6	0.3	2.1	73	1465	2.5	1.6	0.6	10	1.3	1.8	2.8	2.5	0.5	2.8	99	1961

2 Year Averages		TRIAL AVERAGE										ALGER															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A
BALDRIDGE BH375	85			34.7	15.5	5.4	91	79.6	23.2	45.7	55.4	8.3	29.5	3327	17760	31.9	15.5	4.9	86	80.0	23.5	46.1	56.6	8.6	28.8	3383	16638

2006		DELTA - EARLY										DELTA - EARLY (2 Year Averages)															
BRAND / HYBRID	RM	TRT	Trait	YIELD			% QUALITY				MILK 2000			YIELD			% QUALITY				MILK 2000						
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	Stch	MK/T	MK/A
BALDRIDGE BH375	85			40.5	14.5	5.9	91	78.7	22.9	45.1	52.8	7.4	34.7	3186	18729	37.5	15.5	5.8	96	79.2	22.9	45.4	54.2	8.0	30.1	3272	18882
BAYSIDE 3731RR	86		1	44.6	16.6	7.4	97	81.6	19.9	40.5	54.5	7.2	39.1	3300	24364												
BAYSIDE S084RR	84		P250 1	43.4	13.8	6.0	92	82.2	21.2	44.1	59.6	7.2	31.3	3452	20620												
DAIRYLAND DST-8711Bt	89		P250 2	45.7	17.9	8.1	**	82.7	19.4	40.0	56.8	7.1	38.5	3384	27493												
DAIRYLAND STEALTH-7184	85		P250 1,2	41.7	17.2	7.3	100	81.4	19.1	39.5	52.8	7.5	39.1	3327	24122												
DEKALB DKC38-33 (RR2Y GCB)	88		P250 1,2	43.6	16.1	7.1	92	81.9	18.8	38.9	53.3	7.4	40.5	3316	23542												
DYNAGRO 51G25	84		P250 1,3	42.8	14.4	6.1	83	81.5	20.0	41.4	55.2	7.6	36.9	3368	20575												
DYNAGRO 52P81	85		P250 1,2	39.9	17.8	7.1	99	82.9	19.2	40.0	57.2	7.7	38.0	3536	25090												
NK Brand N16-M1	82		C250 2,4	44.3	15.3	6.9	93	83.8	17.6	37.3	56.6	7.9	41.2	3460	23709												
NK Brand N21-L4	86		C250	45.9	14.8	6.8	100	82.1	18.4	38.1	53.1	7.2	40.7	3280	22221												
PIONEER 37A93	97		P1250 1,2	40.7	17.0	6.9	85	82.6	19.7	40.2	56.5	7.9	38.1	3482	23813												
PIONEER 38H65	99		P1250 1,2,4,11	38.9	19.4	7.5	*	82.5	20.6	42.0	58.4	7.6	36.0	3562	26800												
PIONEER 39D85	87		P250 1,2,4,11	45.5	15.2	6.9	95	82.3	19.8	40.8	56.3	7.4	37.4	3354	22996												
RENK RK244	84		C250 2,4	44.6	12.8	5.7	64	80.7	20.7	41.2	53.1	7.7	37.0	3232	18257												
SPANGLER LFT38	97			37.7	19.3	7.2	92	80.4	22.5	44.3	55.8	7.3	34.7	3406	24480												
WOLF RIVER VALLEY 2585LRR	85		1	40.1	18.2	7.3	88	81.4	20.6	42.6	56.4	8.1	34.7	3430	24866												
AVERAGE				42.5	16.3	6.9	92	81.8	20.0	41.0	55.5	7.5	37.4	3379	23230												
HIGHEST				45.9	19.4	8.1	100	83.8	22.9	45.1	59.6	8.1	41.2	3562	27493												
LOWEST				37.7	12.8	5.7	64	78.7	17.6	37.3	52.8	7.1	31.3	3186	18257												
CV (%)				6.2	8.5	7.4	6	1.6	8.3	6.3	2.9	4.7	7.1	3	8												
LSD (5%)				3.2	1.7	0.6	6	1.5	2.0	3.1	1.9	0.4	3.1	105	2219												

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