

TABLE 8L.

HURON, INGHAM & KENT COUNTY SILAGE TRIALS - LATE (104 Day and Later)

ZONE 2

2005			LATE - TRIAL AVERAGE										HURON - LATE - ZONE 3													
			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
BROWN 7044	109	C125	43.2	20.3	8.6	96	82.1	19.5	36.3	50.5	6.3	40.9	3372	29056	46.6	17.7	8.2	100	82.5	17.8	34.5	49.2	6.1	45.2	3304	27121
CORN BELT C565	105	P250	45.0	20.0	8.8	96	80.2	21.5	39.4	49.7	6.2	39.4	3209	28325	48.2	17.8	8.5	95	79.3	21.3	39.8	48.1	5.9	41.8	3066	26088
DEKALB DKC54-47 (RR2/YGPL)	104	P250	46.5	20.9	9.5 *	100	81.5	19.0	35.6	47.7	6.5	42.4	3252	30885	50.3	17.5	8.8	100	82.1	16.4	32.4	44.6	6.4	47.5	3184	27930
DEKALB DKC57-84 (YGCB)	107	P250	50.4	18.4	9.2	100	81.6	18.2	34.8	47.0	6.4	45.1	3169	29209	52.8	16.9	8.9	100	81.0	17.6	34.0	43.9	5.9	49.3	3087	27343
DYNAGRO 56K44	106	P250	45.6	18.9	8.4	99	81.6	19.2	35.6	48.5	6.3	42.9	3292	27704	52.3	14.9	7.7	100	82.0	17.0	33.1	45.7	6.0	48.1	3184	24589
DYNAGRO 56K77	108	P250	46.7	19.8	9.1	96	81.2	20.5	38.0	50.4	6.3	39.7	3269	29658	51.5	17.3	8.9	97	80.0	19.8	37.2	46.2	5.9	44.0	3076	27368
DYNAGRO 57B47	111	P250	45.7	20.9	9.3	97	80.9	19.9	37.0	48.3	6.3	41.4	3231	30218	50.1	18.2	9.1 *	99	80.0	19.1	36.6	45.3	5.9	44.4	3073	27827
GARST 8689IT	104	C250	46.0	20.8	9.4 *	100	82.4	19.0	34.8	49.3	6.1	41.3	3343	31500	49.1	17.9	8.8	99	82.5	17.9	33.6	47.8	5.8	44.5	3274	28646
GOLDEN HARVEST H-8618Bt	108	C250	46.1	20.0	9.0	99	81.3	20.6	37.9	50.7	6.3	40.2	3294	29606	51.9	16.8	8.7	100	80.9	18.9	36.3	47.5	6.4	44.2	3150	27497
GREAT LAKES 6148RR	111	P250	45.3	20.4	9.1	99	81.2	19.7	36.8	48.8	6.2	42.5	3253	29507	48.9	18.1	8.8	99	81.2	18.3	35.1	46.3	6.1	45.9	3166	27852
HIGH CYCLE HC5B739	105	P250	51.7	19.0	9.6 *	99	81.2	19.0	35.2	46.3	6.1	45.2	3161	30370	58.1	15.5	9.0 *	98	81.0	17.2	33.2	42.8	6.0	49.8	3076	27523
HIGH CYCLE HC8B524	114	P250	41.6	22.1	9.1	100	81.6	21.6	38.7	52.4	6.2	37.4	3394	30736	45.9	19.9	9.1 *	100	82.6	18.2	34.4	49.3	5.7	45.5	3326	30385
MYCOGEN TMF2N602	106	C125	43.3	21.1	9.1	99	80.8	21.3	38.8	50.5	6.3	38.3	3290	29854	46.2	19.4	9.0 *	100	81.1	19.8	37.1	49.0	5.8	42.3	3230	28994
NK Brand N49-E3	105	C250	44.7	20.1	8.9	98	82.8	19.0	35.5	51.5	6.9	41.9	3396	30092	47.9	17.7	8.5	99	82.5	17.8	34.2	48.8	6.6	45.6	3284	27720
NK Brand N58-L8	106	C250	45.8	19.6	8.8	95	81.3	19.8	36.4	48.4	5.8	42.7	3242	28621	48.5	16.7	8.1	93	81.5	18.5	34.4	46.3	5.8	46.9	3164	25580
NK Brand N65-Y3	108	C250	46.6	20.2	9.3	100	81.7	20.4	37.2	50.9	6.1	40.1	3309	30651	48.6	18.3	8.9	100	81.0	20.1	37.1	48.7	5.7	43.4	3197	28255
PIONEER 34A86	108	P250	49.9	19.2	9.5 *	100	81.5	19.1	36.5	49.2	6.5	43.7	3221	30615	54.1	17.6	9.5 **	100	80.6	18.9	36.9	47.2	6.2	45.5	3113	29589
PIONEER 35D28	108	P250	46.6	21.5	9.7 **	100	82.3	19.7	36.6	51.5	6.4	42.2	3357	32684	53.0	17.2	9.1 *	100	81.3	18.9	36.2	48.0	6.2	46.0	3171	28866
TRELAY 7012	105	P250	48.9	18.7	9.0	94	82.0	19.2	36.0	49.9	6.6	42.7	3285	29569	55.7	16.0	8.9	99	81.2	17.8	34.5	45.5	6.4	48.1	3127	27827
VIGORO V5240	112	C250	41.2	22.2	9.0	99	81.0	22.5	40.0	52.4	6.2	36.0	3379	30479	40.0	20.0	8.0	99	81.4	22.9	40.6	54.2	6.1	34.7	3460	27614
AVERAGE			46.0	20.2	9.1	98	81.5	19.9	36.9	49.7	6.3	41.3	3286	29967	50.0	17.6	8.7	99	81.3	18.7	35.6	47.2	6.0	45.1	3186	27731
HIGHEST			51.7	22.2	9.7	100	82.8	22.5	40.0	52.4	6.9	45.2	3396	32684	58.1	20.0	9.5	100	82.6	22.9	40.6	54.2	6.6	49.8	3460	30385
LOWEST			41.2	18.4	8.4	94	80.2	18.2	34.8	46.3	5.8	36.0	3161	27704	40.0	14.9	7.7	93	79.3	16.4	32.4	42.8	5.7	34.7	3066	24589
CV (%)			5.2	6.6	5.6	2	1.7	9.4	7.3	4.3	4.2	6.8	3	6	4.0	6.2	5.0	2	1.7	10.0	7.2	5.6	4.2	6.5	3	5
LSD (.05%)			1.6	0.9	0.3	2	1.0	1.3	1.8	1.5	0.2	1.9	75	1242	2.4	1.3	0.5	2	1.7	2.2	3.0	3.1	0.3	3.5	127	1793

2 Year Averages			LATE - TRIAL AVERAGE										HURON - LATE - ZONE 3													
			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
NK Brand N49-E3	105		43.5	21.1	9.1	99	83.0	18.6	35.6	52.0	6.9	40.7	3434	31126	46.0	16.9	7.7	100	83.2	18.0	35.2	51.9	6.6	43.0	3377	26008
PIONEER 35D28	108		44.4	21.9	9.5 **	100	82.3	19.6	37.0	52.1	6.5	40.8	3399	32369	49.3	16.9	8.3 **	100	81.5	20.1	38.4	51.3	6.3	41.6	3239	26910
TRELAY 7012	105		47.2	19.4	9.0	97	82.5	18.8	35.7	50.7	6.7	41.7	3338	30019	53.4	15.3	8.2 *	99	82.1	17.9	35.1	48.9	6.3	45.9	3199	26011
VIGORO V5240	112		40.3	22.8	9.1	98	81.1	22.2	40.3	53.0	6.3	34.8	3405	30961	41.1	19.3	7.9 *	100	81.7	22.8	41.3	55.6	6.0	34.2	3449	27222
AVERAGE			43.8	21.3	9.2	98	82.2	19.8	37.1	52.0	6.6	39.5	3394	31119	47.4	17.1	8.0	100	82.1	19.7	37.5	51.9	6.3	41.2	3316	26538
HIGHEST			47.2	22.8	9.5	100	83.0	22.2	40.3	53.0	6.9	41.7	3434	32369	53.4	19.3	8.3	100	83.2	22.8	41.3	55.6	6.6	45.9	3449	27222
LOWEST			40.3	19.4	9.0	97	81.1	18.6	35.6	50.7	6.3	34.8	3338	30019	41.1	15.3	7.7	99	81.5	17.9	35.1	48.9	6.0	34.2	3199	26008
CV (%)			4.9	5.8	4.9	2	1.5	8.6	6.6	4.0	4.2	6.4	3	5	4.4	5.7	5.2	1	1.5	9.7	7.2	4.5	4.3	6.8	3	5
LSD (.05%)			1.1	0.6	0.2	1	0.6	0.8	1.2	1.0	0.1	1.2	47	763	1.8	0.8	0.4	1	1.0	1.5	2.1	1.8	0.2	2.5	78	1236

3 Year Averages			LATE - TRIAL AVERAGE										HURON - LATE - ZONE 3													
			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
TRELAY 7012	105		45.5	18.8	8.5 **	97	82.5	19.2	36.2	51.4	6.8	41.6	3358	28411	47.8	16.5	7.7 **	99	81.5	20.0	38.1	51.2	6.4	41.5	3268	25207
CV (%)			4.8	6.3	5.1	3	1.7	10.3	7.8	4.7	4.7	7.3	3	6	4.0	6.2	4.9	2	1.6	9.5	7.3	4.2	4.9	7.1	3	6
LSD (.05%)			0.8	0.5	0.2	1	0.5	0.8	1.1	0.9	0.1	1.2	42	664	1.3	0.7	0.3	1	0.9	1.2	1.8	1.4	0.2	2.1	71	1009

2005			INGHAM - LATE - ZONE 2											KENT - LATE - ZONE 2												
			YIELD				% QUALITY				MILK YIELD			YIELD				% QUALITY				MILK YIELD				
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
BROWN 7044	109	C125	37.9	25.0	9.4	100	80.8	23.3	40.4	52.5	6.1	35.3	3443	32568	45.1	18.1	8.2	89	82.9	17.5	34.0	49.8	6.8	42.3	3367	27480
CORN BELT C565	105	P250	37.6	24.1	9.0	100	78.1	25.9	44.4	50.6	5.9	32.8	3231	29118	49.2	18.2	9.0	92	83.3	17.3	33.8	50.3	6.9	43.6	3330	29769
DEKALB DKC54-47 (RR2/YGPL)	104	P250	38.4	26.1	10.0	100	79.8	23.2	40.9	50.6	6.3	36.1	3332	33300	50.8	19.1	9.7 *	99	82.6	17.4	33.5	47.9	6.9	43.7	3239	31426
DEKALB DKC57-84 (YGCB)	107	P250	47.6	20.3	9.7	100	80.6	20.4	37.7	48.5	6.2	42.1	3118	30271	50.9	17.9	9.1 *	100	83.2	16.7	32.6	48.5	7.2	43.8	3301	30014
DYNAGRO 56K44	106	P250	39.4	23.7	9.3	100	79.6	22.4	39.5	48.4	6.3	39.1	3284	30718	45.0	18.1	8.2	96	83.3	18.3	34.3	51.3	6.5	41.5	3409	27806
DYNAGRO 56K77	108	P250	41.1	24.5	10.0	100	80.2	23.7	42.1	52.9	6.2	34.4	3327	33357	47.6	17.6	8.3	92	83.4	18.1	34.7	52.1	6.9	40.8	3403	28250
DYNAGRO 57B47	111	P250	39.0	25.5	9.9	99	80.4	22.5	39.9	50.7	6.2	37.2	3353	33030	48.1	19.1	9.1 *	94	82.4	18.1	34.5	49.0	6.8	42.5	3269	29799
GARST 8689IT	104	C250	39.3	24.9	9.8	100	81.7	21.6	37.3	50.7	6.1	37.3	3453	33842	49.5	19.6	9.7 *	100	83.1	17.4	33.6	49.5	6.4	42.3	3302	32013
GOLDEN HARVEST H-8618Bt	108	C250	38.2	25.3	9.6	100	80.5	23.1	40.3	51.8	6.0	37.2	3414	32857	48.4	17.8	8.6	98	82.5	19.9	37.1	52.7	6.7	39.2	3317	28463
GREAT LAKES 6148RR	111	P250	38.8	24.9	9.6	100	79.3	23.9	42.0	50.7	5.9	36.4	3291	31597	48.4	18.2	8.8	97	83.1	16.9	33.5	49.5	6.6	45.3	3301	29072
HIGH CYCLE HC5B739	105	P250	43.6	23.9	10.3 *	100	79.8	23.0	40.1	49.5	6.0	38.4	3193	33014	53.5	17.7	9.5 *	100	82.7	16.7	32.4	46.6	6.4	47.4	3214	30572
HIGH CYCLE HC8B524	114	P250	35.8	26.2	9.4	100	79.6	25.3	43.1	52.6	6.0	32.4	3385	31723	43.2	20.2	8.7	100	82.8	21.2	38.6	55.4	6.9	34.2	3470	30101
MYCOGEN TMF2N602	106	C125	38.5	24.6	9.4	100	79.0	25.1	43.3	51.6	6.1	33.1	3299	31151	45.3	19.4	8.8	98	82.4	19.1	36.0	50.9	7.0	39.3	3341	29417
NK Brand N49-E3	105	C250	40.7	23.8	9.6	100	81.8	21.4	38.1	52.3	6.7	39.0	3433	32973	45.4	18.8	8.5	95	84.1	17.9	34.2	53.4	7.6	41.2	3470	29584
NK Brand N58-L8	106	C250	40.3	23.8	9.6	96	80.1	22.0	39.5	49.5	5.5	38.9	3304	31628	48.5	18.2	8.8	96	82.2	18.8	35.2	49.4	6.2	42.4	3256	28654
NK Brand N65-Y3	108	C250	40.2	25.2	10.2	100	80.7	23.5	40.9	52.9	6.2	34.6	3388	34502	50.9	17.2	8.8	99	83.5	17.5	33.8	51.0	6.5	42.2	3341	29196
PIONEER 34A86	108	P250	44.1	21.0	9.2	100	81.0	21.8	39.1	51.3	5.8	40.3	3280	30364	51.5	19.0	9.8 **	100	83.0	16.7	33.5	49.1	7.5	45.2	3269	31891
PIONEER 35D28	108	P250	38.8	28.3	11.0 **	100	81.7	22.5	39.8	54.0	6.3	37.7	3503	38370	48.0	19.0	9.1 *	100	84.0	17.7	33.7	52.4	6.6	43.1	3396	30815
TRELAY 7012	105	P250	42.3	23.1	9.8	100	81.5	22.2	40.0	53.7	6.5	37.9	3390	33069	48.6	17.1	8.3	82	83.4	17.8	33.6	50.6	6.9	42.2	3339	27810
VIGORO V5240	112	C250	36.6	26.5	9.7	99	78.8	25.7	43.8	51.7	6.1	32.2	3316	32157	46.9	20.2	9.4 *	98	82.8	18.9	35.4	51.4	6.5	41.1	3362	31667
AVERAGE			39.9	24.5	9.7	100	80.2	23.1	40.6	51.3	6.1	36.6	3337	32480	48.2	18.5	8.9	96	83.0	18.0	34.4	50.5	6.8	42.2	3335	29690
HIGHEST			47.6	28.3	11.0	100	81.8	25.9	44.4	54.0	6.7	42.1	3503	38370	53.5	20.2	9.8	100	84.1	21.2	38.6	55.4	7.6	47.4	3470	32013
LOWEST			35.8	20.3	9.0	96	78.1	20.4	37.3	48.4	5.5	32.2	3118	29118	43.2	17.1	8.2	82	82.2	16.7	32.4	46.6	6.2	34.2	3214	27480
CV (%)			7.0	7.5	5.5	1	1.9	8.6	7.0	2.7	4.4	8.0	3	6	5.9	7.4	7.0	3	1.6	9.8	7.7	4.4	4.0	6.1	3	7
LSD (.05%)			3.9	2.5	0.7	2	1.8	2.4	3.3	1.7	0.3	3.5	134	2283	3.4	1.6	0.7	4	1.6	2.1	3.1	2.6	0.3	3.0	134	2402

2 Year Averages			INGHAM - LATE - ZONE 2											KENT - LATE - ZONE 2												
			YIELD				% QUALITY				MILK YIELD			YIELD				% QUALITY				MILK YIELD				
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
NK Brand N49-E3	105		41.8	24.1	10.0	100	82.2	19.7	36.5	51.2	6.5	40.2	3430	34344	42.7	22.4	9.4 *	97	83.5	18.3	35.0	52.9	7.7	38.8	3497	33026
PIONEER 35D28	108		40.2	26.7	10.7 **	100	82.2	20.4	37.4	52.4	6.2	39.8	3491	37375	43.7	22.0	9.5 **	100	83.3	18.3	35.3	52.7	7.0	40.9	3466	32822
TRELAY 7012	105		42.6	22.9	9.8	100	82.2	20.1	37.2	52.0	6.4	39.6	3422	33331	45.6	20.1	9.0	91	83.1	18.5	34.7	51.1	7.3	39.6	3394	30715
VIGORO V5240	112		37.6	26.7	10.0	97	79.7	23.6	41.8	51.4	6.0	34.0	3369	33749	42.2	22.6	9.4 *	97	82.0	20.2	37.8	52.2	6.8	36.3	3396	31911
AVERAGE			40.6	25.1	10.1	99	81.6	20.9	38.2	51.8	6.3	38.4	3428	34700	43.5	21.7	9.3	96	83.0	18.8	35.7	52.2	7.2	38.9	3438	32119
HIGHEST			42.6	26.7	10.7	100	82.2	23.6	41.8	52.4	6.5	40.2	3491	37375	45.6	22.6	9.5	100	83.5	20.2	37.8	52.9	7.7	40.9	3497	33026
LOWEST			37.6	22.9	9.8	97	79.7	19.7	36.5	51.2	6.0	34.0	3369	33331	42.2	20.1	9.0	91	82.0	18.3	34.7	51.1	6.8	36.3	3394	30715
CV (%)			5.9	6.1	4.4	1	1.6	7.9	6.3	3.3	4.4	6.9	3	5	5.1	6.2	5.5	3	1.4	8.2	6.3	4.2	4.0	5.4	3	6
LSD (.05%)			2.1	1.3	0.4	1	1.1	1.5	2.1	1.4	0.2	2.1	83	1355	2.0	1.0	0.4	2	0.9	1.2	1.8	1.8	0.2	1.8	85	1389

3 Year Averages			INGHAM - LATE - ZONE 2											KENT - LATE - ZONE 2												
			YIELD				% QUALITY				MILK YIELD			YIELD				% QUALITY				MILK YIELD				
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
TRELAY 7012	105		43.0	20.5	8.8 **	100	82.8	19.6	36.4	52.6	6.6	41.1	3434	30173	45.8	19.4	8.8 **	91	83.2	17.9	34.1	50.5	7.2	42.2	3372	29854
CV (%)			5.9	6.9	5.0	1	1.7	10.0	7.3	5.3	4.7	7.4	3	6	4.9	6.0	5.9	4	1.8	11.4	8.8	4.4	4.3	7.4	4	6
LSD (.05%)			1.7	1.2	0.3	1	0.9	1.5	1.9	1.8	0.2	1.9	70	1244	1.5	0.8	0.4	3	1.0	1.4	2.1	1.5	0.2	2.1	79	1193

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid