

TABLE 7E.

LENAAWEE & BRANCH COUNTY SILAGE TRIALS - EARLY (110 Day and Earlier)

ZONE 1

2003		LENAAWEE											BRANCH										
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
BECK 5283Bt 1	107	33.1	25.6 *	8.5	100	83.3	19.2	35.6	7.3	39.3	3613	30711	33.6	24.9 *	8.4	99	82.1	21.5	38.1	7.1	38.3	3529	29602
BECK 5538	110	32.1	25.6	8.2	92	82.8	21.6	39.1	7.0	35.5	3603	29643	35.2	25.0 *	8.8	99	82.3	20.8	37.7	7.0	40.0	3547	31122
CORN BELT C599	109	30.2	26.9	8.1	99	82.1	21.9	39.8	7.3	34.7	3545	28802	31.3	28.1 *	8.8	100	83.2	21.7	39.0	6.9	36.9	3642	31953
CROW'S 4911B	110	31.4	26.1	8.2	99	83.3	20.2	37.1	7.0	35.9	3621	29839	31.2	27.8 *	8.7	98	82.9	20.8	37.5	7.0	39.5	3600	31139
DAIRYLAND STEALTH-1406	106	35.7	22.2	7.9	95	83.4	19.3	35.9	7.1	39.7	3626	28747	38.1	21.5	8.2	97	82.6	19.7	35.7	6.9	42.3	3501	28524
DEKALB DKC60-09 (RR/YGCB)	110	30.5	26.2	8.0	100	82.6	21.3	38.3	7.2	34.9	3580	28557	29.3	27.8	8.1	100	83.3	21.5	38.3	7.5	34.2	3622	29468
DYNAGRO DG-5324Bt	108	30.3	26.3	8.0	98	81.5	22.8	41.0	7.4	32.6	3496	27952	30.7	28.8 *	8.8	99	82.8	22.6	40.4	7.3	35.2	3613	31908
GOLDEN HARVEST H-8618Bt	106	30.6	26.1	8.0	99	83.0	21.1	38.6	7.3	35.0	3615	28816	31.1	26.7	8.3	99	83.7	22.0	39.4	7.2	35.7	3686	30516
MIDWEST GENETIC G7716B	110	32.0	26.7 *	8.5	99	82.4	20.8	38.2	7.4	36.0	3553	30270	30.6	28.1 *	8.6	97	83.1	21.7	38.5	6.9	37.4	3626	31220
NK Brand N58-D1	107	32.4	24.9	8.1	100	83.4	21.0	38.9	7.2	34.1	3654	29515	32.4	26.1 *	8.5	100	84.1	21.0	38.1	6.7	38.5	3719	31430
NK Brand N70-A2	110	30.0	26.0	7.8	95	82.1	23.0	41.1	7.6	31.6	3552	27827	30.5	27.0	8.2	100	81.5	22.9	40.4	7.4	33.5	3493	28653
PIONEER 34M95	110	32.4	27.8 **	9.0	98	83.4	22.5	41.0	7.2	32.0	3673	33114	32.0	27.8 **	8.9	99	84.1	22.2	40.0	6.7	35.3	3738	33253
PIONEER 35Y55	106	30.5	25.8	7.9	100	84.0	20.9	38.1	7.6	35.7	3708	29109	32.0	24.5	7.9	100	84.3	19.7	35.7	7.2	40.1	3712	29192
PIONEER 36M28	103	38.3	22.1 *	8.5	96	83.9	18.9	36.2	7.4	38.8	3637	30808	34.7	21.0	7.3	98	81.8	23.0	41.2	7.3	33.6	3526	25624
RUPP 1XP50	108	33.2	26.4 *	8.8	94	81.4	21.8	39.3	7.3	34.7	3470	30382	32.0	25.3	8.1	94	81.6	22.5	39.7	6.8	35.7	3495	28429
VIGORO V5020	110	30.2	25.0	7.6	98	82.8	21.3	38.4	7.1	35.8	3593	27190	32.4	26.9 *	8.7	100	83.9	21.3	37.9	7.2	37.9	3698	32096
Average		32.1	25.6	8.2	98	82.8	21.1	38.5	7.3	35.4	3596	29455	32.3	26.1	8.4	99	83.0	21.5	38.6	7.1	37.1	3609	30258
Highest		38.3	27.8	9.0	100	84.0	23.0	41.1	7.6	39.7	3708	33114	38.1	28.8	8.9	100	84.3	23.0	41.2	7.5	42.3	3738	33253
Lowest		30.0	22.1	7.6	92	81.4	18.9	35.6	7.0	31.6	3470	27190	29.3	21.0	7.3	94	81.5	19.7	35.7	6.7	33.5	3493	25624
CV (%)		3.9	4.3	5.8	3	1.6	8.4	6.8	3.7	7.9	3	7	5.0	4.8	5.3	2	2.0	8.8	7.3	3.1	8.6	4	7
LSD (.05%)		1.5	1.3	0.6	3	1.5	2.1	3.1	0.3	3.3	124	2394	1.9	1.5	0.5	3	2.0	2.2	3.3	0.3	3.8	160	2591

2002 & 2003 Averages		LENAAWEE											BRANCH										
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
BECK 5283Bt 1	107	39.2	21.2 *	8.0	97	82.5	18.4	34.7	7.1	41.9	3429	26881	36.6	24.5 *	8.9	96	81.5	20.3	37.3	6.9	40.2	3440	29698
CORN BELT C599	109	38.5	22.4 **	8.3	98	82.6	19.0	36.0	7.0	40.7	3422	27389	35.0	26.2 *	9.1	91	82.7	19.3	36.3	6.8	39.9	3559	31292
PIONEER 34M95	110	38.3	22.6 **	8.3	96	83.2	21.0	39.7	6.9	35.6	3574	29006	35.0	26.9 **	9.3	99	82.8	21.3	39.8	6.7	36.5	3627	32904
PIONEER 35Y55	106	37.2	20.5	7.3	93	84.1	19.1	35.9	7.4	39.2	3623	25523	34.2	23.7	8.1	99	83.2	19.5	36.3	7.3	39.7	3636	28476
PIONEER 36M28	103	44.8	18.0	7.8	96	83.5	17.3	34.3	7.3	42.6	3450	26400	39.1	20.7	8.1	97	82.5	19.8	37.2	7.3	38.7	3474	27013
VIGORO V5020	110	37.8	20.9	7.6	98	82.2	20.1	37.1	7.0	39.6	3429	25258	35.3	25.6 *	8.9	100	82.1	21.1	38.3	7.0	38.0	3542	30745
Average		39.3	20.9	7.9	96	83.0	19.1	36.3	7.1	39.9	3488	26743	35.9	24.6	8.7	97	82.5	20.2	37.5	7.0	38.8	3547	30021
Highest		44.8	22.6	8.3	98	84.1	21.0	39.7	7.4	42.6	3623	29006	39.1	26.9	9.3	100	83.2	21.3	39.8	7.3	40.2	3636	32904
Lowest		37.2	18.0	7.3	93	82.2	17.3	34.3	6.9	35.6	3422	25258	34.2	20.7	8.1	91	81.5	19.3	36.3	6.7	36.5	3440	27013
CV (%)		0.0	7.3	3.6	0	0.0	8.3	0.0	0.0	0.1	2	29	0.0	7.2	3.7	0	0.0	9.3	0.1	0.0	0.1	2	34
LSD (.05%)		1.6	1.0	0.4	4	1.0	1.4	2.0	0.2	2.2	91	1592	1.6	1.1	0.5	3	1.3	1.6	2.4	0.2	2.7	98	1990

2001 - 2003 Averages		LENAAWEE											BRANCH										
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
BECK 5283Bt 1	107	39.3	21.3 **	8.2	96		19.8	37.6	7.2				36.4	24.3 **	8.8	97		20.3	37.6	6.9			
VIGORO V5020	110	38.1	20.8	7.6	99		20.6	38.7	7.0				35.1	25.1 *	8.7	100		21.1	39.0	6.8			
Average		38.7	21.0	7.9	97		20.2	38.1	7.1				35.7	24.7	8.8	99		20.7	38.3	6.8			
Highest		39.3	21.3	8.2	99		20.6	38.7	7.2				36.4	25.1	8.8	100		21.1	39.0	6.9			
Lowest		38.1	20.8	7.6	96		19.8	37.6	7.0				35.1	24.3	8.7	97		20.3	37.6	6.8			
CV (%)		0.1	8.6	4.2	0		8.6	0.1	0.0				0.0	6.7	3.5	0		9.1	0.1	0.0			
LSD (.05%)		1.9	1.0	0.4	3		1.2	1.8	0.2				1.2	0.8	0.3	2		1.3	2.0	0.2			

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

2003		TRIAL AVERAGE										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
BECK 5283Bt 1	107	33.4	25.3	8.5	100	82.7	20.4	36.9	7.2	38.8	3571	30157
BECK 5538	110	33.7	25.3	8.5	96	82.6	21.2	38.4	7.0	37.8	3575	30382
CORN BELT C599	109	30.8	27.5	8.5	99	82.7	21.8	39.4	7.1	35.8	3594	30377
CROW'S 4911B	110	31.3	27.0	8.5	98	83.1	20.5	37.3	7.0	37.7	3610	30489
DAIRYLAND STEALTH-1406	106	36.9	21.9	8.1	96	83.0	19.5	35.8	7.0	41.0	3563	28636
DEKALB DKC60-09 (RR/YGCB)	110	29.9	27.0	8.1	100	83.0	21.4	38.3	7.4	34.6	3601	29013
DYNAGRO DG-5324Bt	108	30.5	27.6	8.4	99	82.2	22.7	40.7	7.4	33.9	3555	29930
GOLDEN HARVEST H-8618Bt	106	30.9	26.4	8.2	99	83.4	21.6	39.0	7.3	35.4	3650	29666
MIDWEST GENETIC G7716B	110	31.3	27.4	* 8.6	98	82.8	21.3	38.4	7.2	36.7	3590	30745
NK Brand N58-D1	107	32.4	25.5	8.3	100	83.8	21.0	38.5	7.0	36.3	3687	30473
NK Brand N70-A2	110	30.3	26.5	8.0	97	81.8	23.0	40.8	7.5	32.6	3522	28240
PIONEER 34M95	110	32.2	27.8	** 9.0	98	83.8	22.4	40.5	7.0	33.7	3705	33184
PIONEER 35Y55	106	31.3	25.2	7.9	100	84.2	20.3	36.9	7.4	37.9	3710	29151
PIONEER 36M28	103	36.5	21.6	7.9	97	82.9	21.0	38.7	7.4	36.2	3582	28216
RUPP 1XP50	108	32.6	25.9	8.5	94	81.5	22.2	39.5	7.1	35.2	3483	29406
VIGORO V5020	110	31.3	26.0	8.2	99	83.4	21.3	38.2	7.2	36.9	3645	29643
Average		32.2	25.8	8.3	98	82.9	21.3	38.6	7.2	36.3	3603	29857
Highest		36.9	27.8	9.0	100	84.2	23.0	40.8	7.5	41.0	3710	33184
Lowest		29.9	21.6	7.9	94	81.5	19.5	35.8	7.0	32.6	3483	28216
CV (%)		4.5	4.6	5.5	3	1.8	8.6	7.0	3.4	8.3	3	7
LSD (.05%)		1.2	1.0	0.4	2	1.2	1.5	2.3	0.2	2.5	100	1746

2002 & 2003 Averages		TRIAL AVERAGE										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
BECK 5283Bt 1	107	37.9	22.9	* 8.5	97	82.0	19.4	36.0	7.0	41.1	3435	28290
CORN BELT C599	109	36.8	24.3	* 8.7	95	82.7	19.2	36.2	6.9	40.3	3491	29341
PIONEER 34M95	110	36.7	24.8	** 8.8	98	83.0	21.2	39.8	6.8	36.1	3600	30955
PIONEER 35Y55	106	35.7	22.1	7.7	96	83.7	19.3	36.1	7.4	39.5	3629	26999
PIONEER 36M28	103	42.0	19.4	8.0	96	83.0	18.6	35.8	7.3	40.7	3462	26707
VIGORO V5020	110	36.6	23.3	8.3	99	82.2	20.6	37.7	7.0	38.8	3486	28001
Average		37.6	22.8	8.3	97	82.7	19.7	36.9	7.1	39.4	3517	28382
Highest		42.0	24.8	8.8	99	83.7	21.2	39.8	7.4	41.1	3629	30955
Lowest		35.7	19.4	7.7	95	82.0	18.6	35.8	6.8	36.1	3435	26707
CV (%)		0.0	7.3	3.7	0	0.0	8.8	0.1	0.0	0.1	2	32
LSD (.05%)		1.1	0.7	0.3	2	0.8	1.1	1.5	0.1	1.8	67	1268

2001 - 2003 Averages		TRIAL AVERAGE										
Brand / Hybrid	RM	%DM	GT/A	DT/A	%Std	%ivd	%adf	%ndf	%cp	strch	MK/T	MK/A
BECK 5283Bt 1	107	37.9	22.8	** 8.5	97		20.1	37.6	7.1			
VIGORO V5020	110	36.6	23.0	* 8.2	99		20.9	38.9	6.9			
Average		37.2	22.9	8.3	98		20.5	38.2	7.0			
Highest		37.9	23.0	8.5	99		20.9	38.9	7.1			
Lowest		36.6	22.8	8.2	97		20.1	37.6	6.9			
CV (%)		0.1	7.6	3.8	0		8.9	0.1	0.0			
LSD (.05%)		1.1	0.6	0.3	2		0.9	1.3	0.2			

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid