

TABLE 7E.

BRANCH, LENAWEE & WOOD (OHIO) COUNTY SILAGE TRIALS - EARLY (110 Day and Earlier)

ZONE 1

- 32 -

2008				EARLY - TRIAL AVERAGE										BRANCH - EARLY													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5335HXR ^{TM1}	109	P250	1,2,3,4	41.8	17.9	7.4 *	96	81.1	24.5	46.8	59.2	6.1	31.3	3229	24142	45.1	18.9	8.5 *	99	83.9	18.6	37.3	56.7	6.6	42.6	3411	28847
CROW'S 4846T	110	C250	1,2,3	41.6	17.1	7.0	98	80.1	24.2	46.5	56.5	5.9	31.0	3173	22335	50.5	16.1	8.1 *	100	82.9	17.6	35.3	51.6	6.1	45.6	3377	27187
DAIRYLAND HI DF-3007	106	P250		41.3	18.5	7.5 *	94	81.0	24.2	46.9	58.9	5.8	32.6	3221	24178	44.5	19.2	8.3 *	95	82.0	20.6	39.4	54.1	5.7	41.8	3283	27088
DAIRYLAND HI DF-3008-4	108	P250	1,3	44.4	15.8	7.0	91	78.0	26.2	52.0	57.4	6.0	30.8	3006	20819	46.9	16.0	7.4	94	77.5	23.5	44.2	49.1	5.9	38.6	2980	21980
DAIRYLAND HI DF-3110-6	110	P250	1	34.0	21.1	7.1	96	79.0	27.2	50.8	58.2	5.6	26.1	3053	21732	38.8	18.8	7.3	98	78.1	22.8	42.9	49.8	5.5	39.5	3029	22281
DAIRYLAND STEALTH-8208	108	P250	2,3,4	40.4	18.7	7.4 *	97	75.8	28.7	52.7	54.3	5.3	25.6	2875	21018	50.5	15.8	8.0	98	69.5	29.2	52.0	41.6	4.9	31.2	2462	19563
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	46.6	15.9	7.3	92	80.9	22.9	44.7	56.8	5.9	35.9	3227	23567	52.7	16.2	8.4 *	97	80.8	18.9	36.9	48.2	6.0	47.0	3242	27202
DEKALB DKC55-82 (RR2)	105	P250	1	44.9	17.5	7.8 **	95	79.3	25.9	49.0	57.6	6.0	31.1	3112	24348	50.4	17.6	8.9 **	98	81.9	20.4	38.9	53.5	7.1	43.3	3275	28960
DYNAGRO 55B49	105	P250	1,2,3	43.7	15.2	6.6	96	79.5	25.3	48.3	57.6	6.2	31.9	3129	20743	43.3	16.0	6.9	96	81.9	20.8	40.9	55.6	6.5	39.1	3256	22544
G2 GENETICS 1X-911 HXT/LL	110	P250	2,3,4	39.9	19.2	7.5 *	93	79.2	26.4	48.9	57.3	5.9	29.2	3091	23248	44.3	19.3	8.4 *	94	77.7	23.8	43.0	48.8	6.3	37.8	3004	25312
G2 GENETICS 3A-704 RR	104	P250	1	51.2	14.6	7.4 *	89	79.3	24.5	46.7	55.2	5.7	35.8	3136	23282	56.9	13.6	7.7	93	80.9	19.1	36.6	47.8	5.8	48.8	3247	24992
Midwest Seed Genetics 77012B	110	C250	1,2,3	42.1	17.9	7.5 *	88	80.5	24.3	45.4	56.7	5.9	32.8	3180	23810	46.6	17.1	7.9	90	82.1	19.4	37.6	52.2	6.3	42.8	3305	26164
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	42.2	17.6	7.4 *	96	77.9	28.4	52.6	57.7	5.6	27.3	2992	22174	43.5	19.4	8.3 *	98	77.8	24.9	46.2	52.1	5.8	35.5	2971	24769
NuTech 3A-804 GT	104	C250	1	43.5	15.7	6.8	92	80.1	24.5	46.1	56.3	5.4	32.9	3146	21272	48.0	14.8	7.1	94	79.5	21.0	38.6	46.9	5.6	45.7	3150	22270
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	40.6	16.3	6.5	96	78.0	27.5	51.3	56.7	5.9	27.3	3013	19672	44.1	15.8	7.0	100	79.2	21.6	41.3	49.5	6.4	40.5	3100	21594
NuTech 3T-310 VT3	110	C250	1,2,3,11	42.3	17.7	7.4 *	95	76.8	28.4	52.7	55.3	5.6	28.2	2937	21540	50.2	16.9	8.4 *	98	75.9	24.4	45.2	46.7	5.9	38.8	2881	24133
PIONEER 33D14	108	P250	1,2,3,4,11	39.3	18.4	7.2	81	79.3	28.2	52.7	60.4	5.9	25.9	3062	22077	44.4	18.1	8.0	85	81.2	22.1	42.4	55.5	6.5	38.0	3199	25519
PIONEER 34A89	110	P250	1,2,3,4	40.4	19.0	7.6 *	95	79.1	26.9	50.7	58.5	5.6	29.3	3075	23443	43.8	19.0	8.3 *	98	82.6	20.3	39.7	56.1	5.7	42.0	3316	27431
PIONEER 35F40	105	P250	1,2,4,11,12,14	44.4	16.0	7.0	94	80.0	24.6	46.9	57.1	6.2	34.5	3166	22227	44.9	16.2	7.2	97	80.2	21.3	40.7	51.1	6.4	41.5	3163	22879
STEWART SEEDS 6T546	107	P250	1,2,3	45.1	16.4	7.4 *	100	77.6	26.9	49.7	54.6	5.6	29.9	3004	22102	47.1	17.7	8.3 *	98	76.6	24.4	44.3	47.2	5.7	37.6	2927	24141
STEWART SEEDS 7K285	109	P250	1,2,3	38.8	18.7	7.1	92	79.2	25.7	48.8	56.9	5.9	28.4	3099	22009	38.6	20.4	7.7	95	78.8	22.6	42.0	49.7	6.3	37.1	3071	23504
STEWART SEEDS 7K456	110	P250	1,2,3	44.1	16.3	6.9	97	77.0	26.7	50.2	53.9	5.6	29.9	2972	20596	50.7	14.6	7.3	100	75.4	23.9	44.9	45.4	5.7	38.4	2855	20924
AVERAGE				42.4	17.4	7.2	93.8	79.0	26.0	49.1	57.0	5.8	30.3	3086	22288	46.6	17.2	7.9	96.0	79.4	21.9	41.4	50.4	6.0	40.6	3114	24513
HIGHEST				51.2	21.1	7.8	100.0	81.1	28.7	52.7	60.4	6.2	35.9	3229	24348	56.9	20.4	8.9	100.0	83.9	29.2	52.0	56.7	7.1	48.8	3411	28960
LOWEST				34.0	14.6	6.5	80.5	75.8	22.9	44.7	53.9	5.3	25.6	2875	19672	38.6	13.6	6.9	84.7	69.5	17.6	35.3	41.6	4.9	31.2	2462	19563
CV (%)				9.7	9.9	8.4	5.0	4.2	13.4	10.5	6.0	9.2	16.8	7	11	10.2	10.6	8.4	3.4	4.3	13.2	10.6	8.8	8.3	10.9	7	12
LSD (5%)				3.3	1.4	0.5	3.8	2.7	2.8	4.2	2.8	0.4	4.1	183	2060	5.6	2.1	0.8	4.6	4.0	3.4	5.2	5.3	0.6	5.2	325	3983

2 Year Averages 2008 - 2007				TRIAL AVERAGE										BRANCH - EARLY													
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 4846T	110	C250	1,2,3	40.0	19.9	7.9 *	98	82.5	21.3	42.4	58.6	6.3	35.0	3362	26710	46.4	19.3	8.8 *	100	83.5	17.9	36.3	54.5	6.4	43.7	3432	30250
DAIRYLAND HI DF-3007	106	P250		41.2	19.3	7.8 *	97	82.7	21.8	43.7	60.1	6.2	35.4	3358	26384	47.5	18.3	8.5	96	82.7	20.0	39.5	56.1	6.2	41.7	3355	28589
DAIRYLAND HI DF-3008-4	108	P250	1,3	41.5	18.9	7.7 *	96	81.2	22.3	45.3	58.3	6.5	34.5	3258	25361	45.3	19.0	8.5	97	81.0	20.3	39.8	52.6	6.4	41.1	3249	27982
DEKALB DKC55-82 (RR2)	105	P250	1	43.0	18.9	8.1 *	98	82.7	21.7	43.3	60.3	6.4	36.5	3366	27243	49.0	18.4	9.0 *	99	84.1	18.4	37.2	57.5	7.0	44.2	3454	30950
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	39.8	20.2	8.0 *	98	80.7	24.7	47.3	59.2	6.0	32.0	3216	25864	41.4	21.5	8.8 *	99	80.0	23.7	44.6	55.3	6.0	36.5	3150	27939
NuTech 3T-310 VT3	110	C250	1,2,3,11	40.5	20.2	8.1 *	96	80.7	23.4	45.5	57.6	6.2	34.0	3232	26260	46.4	20.2	9.2 **	99	80.3	21.1	41.0	52.4	6.4	40.8	3198	29570
PIONEER 33D14	108	P250	1,2,3,4,11	38.3	20.5	7.8 *	90	82.7	23.5	45.9	62.4	6.2	32.8	3332	26285	41.8	20.7	8.5	92	83.0	20.9	41.1	58.8	6.5	38.7	3351	28755
PIONEER 34A89	110	P250	1,2,3,4	39.1	20.9	8.1 **	98	82.3	23.0	45.4	61.3	6.0	33.8	3324	27156	42.7	21.2	9.0 *	99	84.1	18.9	38.2	58.5	6.1	42.2	3446	31130
AVERAGE				40.4	19.9	7.9	96.2	81.9	22.7	44.8	59.7	6.2	34.3	3306	26408	45.1	19.8	8.8	97.6	82.3	20.1	39.7	55.7	6.4	41.1	3329	29396
HIGHEST				43.0	20.9	8.1	98.2	82.7	24.7	47.3	62.4	6.5	36.5	3366	27243	49.0	21.5	9.2	100.0	84.1	23.7	44.6	58.8	7.0	44.2	3454	31130
LOWEST				38.3	18.9	7.7	89.8	80.7	21.3	42.4	57.6	6.0	32.0	3216	25361	41.4	18.3	8.5	92.4	80.0	17.9	36.3	52.4	6.0	36.5	3150	27939
CV (%)				7.8	8.2	7.2	3.8	3.0	10.9	8.4	4.5	7.2	12.2	5	9	8.3	9.0	7.3	2.5	3.1	10.9	8.5	6.3	6.3	8.4	5	10
LSD (5%)				3.2	1.5	0.5	3.5	2.4	2.6	3.8	2.6	0.4	3.9	164	2205	3.2	1.4	0.5	2.4	2.1	1.9	2.8	2.8	0.3	2.9	169	2521

2008				LENAAWEE - EARLY										WOOD (OHIO) - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BECK 5335HXR ^{TM1}	109	P250	1,2,3,4	43.9	17.1	7.5 *	97	79.5	26.7	49.9	58.9	6.3	28.4	3117	23338	36.4	17.8	6.4	93	79.8	28.3	53.3	62.1	5.5	22.9	3158	20239
CROW'S 4846T	110	C250	1,2,3	40.3	16.3	6.6	100	77.9	26.8	50.9	56.5	6.6	25.7	3021	19759	34.1	18.9	6.4	94	79.4	28.4	53.3	61.4	5.2	21.7	3120	20059
DAIRYLAND Hi DF-3007	106	P250		43.9	16.8	7.3 *	95	79.5	25.8	49.8	58.8	6.4	30.6	3116	22839	35.6	19.5	6.9 *	93	81.5	26.2	51.4	63.9	5.3	25.3	3262	22607
DAIRYLAND Hi DF-3008-4	108	P250	1,3	44.3	15.5	6.8	87	75.8	29.2	60.7	60.7	6.1	27.6	2811	18983	42.0	16.1	6.7 *	93	80.8	26.1	51.2	62.4	5.9	26.1	3226	21494
DAIRYLAND Hi DF-3110-6	110	P250	1	31.0	22.3	6.9	99	78.0	30.1	55.5	60.4	5.6	18.0	2941	20364	32.2	22.2	7.1 *	90	80.8	28.8	54.1	64.5	5.6	20.9	3189	22552
DAIRYLAND STEALTH-8208	108	P250	2,3,4	33.5	21.3	7.1	98	76.6	30.9	56.1	58.6	5.6	18.9	2896	20430	37.2	19.0	7.1 *	95	81.4	25.9	49.9	62.6	5.4	26.6	3269	23061
DEKALB DKC54-16 (VT3)	104	P250	1,2,3	48.8	13.9	6.8	94	80.5	24.4	47.7	59.7	6.4	33.8	3195	21608	38.3	17.7	6.8 *	86	81.4	25.4	49.5	62.5	5.4	26.9	3243	21892
DEKALB DKC55-82 (RR2)	105	P250	1	46.6	17.2	8.0 *	100	76.6	29.5	55.3	57.8	5.8	26.2	2911	23187	37.6	17.7	6.7 *	88	79.6	27.8	52.9	61.4	5.2	23.8	3150	20898
DYNAGRO 55B49	105	P250	1,2,3	43.0	14.1	6.0	98	80.0	25.6	48.7	59.1	6.6	31.5	3157	18997	44.8	15.5	7.0 *	94	76.7	29.5	55.3	58.0	5.4	25.0	2975	20688
G2 GENETICS 1X-911 HXT/LL	110	P250	2,3,4	42.6	18.3	7.7 *	98	77.6	28.9	53.0	57.8	5.6	26.8	2989	23029	32.7	20.1	6.5	86	82.3	26.5	50.8	65.2	5.9	23.0	3280	21404
G2 GENETICS 3A-704 RR	104	P250	1	50.8	15.9	8.0 **	90	77.5	27.6	51.5	56.9	5.9	28.7	2998	24058	45.9	14.4	6.6	84	79.7	26.7	51.9	61.1	5.4	29.9	3163	20797
Midwest Seed Genetics 77012B	110	C250	1,2,3	41.4	17.6	7.3	93	78.8	27.1	49.1	56.9	5.9	27.6	3005	21859	38.4	19.0	7.3 *	81	80.6	26.2	49.6	61.1	5.3	27.9	3232	23406
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	42.1	16.6	7.0	99	75.5	32.4	58.8	58.5	5.7	21.7	2819	19689	41.0	16.9	6.9 *	92	80.3	27.9	53.0	62.6	5.5	24.8	3186	22063
NuTech 3A-804 GT	104	C250	1	45.5	15.0	6.8	96	78.9	27.1	51.4	59.0	5.5	26.2	3007	20636	37.0	17.4	6.4	86	82.0	25.4	48.5	62.9	5.1	26.8	3280	20911
NuTech 3P-708 RR/YGPL	107	P250	1,2,3	43.5	15.1	6.6	100	73.5	33.6	60.1	56.3	5.9	18.7	2699	17554	34.1	18.1	6.1	90	81.2	27.3	52.3	64.2	5.4	22.7	3241	19869
NuTech 3T-310 VT3	110	C250	1,2,3,11	42.0	15.9	6.7	97	76.7	29.4	54.8	57.8	5.8	26.0	2924	19456	34.6	20.5	7.0 *	90	77.7	31.3	58.0	61.6	5.0	19.8	3005	21031
PIONEER 33D14	108	P250	1,2,3,4,11	37.3	17.7	6.6	80	77.2	32.1	59.1	61.5	5.9	19.5	2900	19222	36.2	19.4	7.0 *	77	79.6	30.4	56.5	64.1	5.2	20.2	3087	21490
PIONEER 34A89	110	P250	1,2,3,4	42.5	17.1	7.2	99	74.9	32.0	58.2	57.1	5.7	23.6	2795	20242	35.1	20.8	7.3 **	89	79.6	28.5	54.2	62.4	5.6	22.4	3113	22657
PIONEER 35F40	105	P250	1,2,4,11,12,14	49.5	14.9	7.4 *	91	80.8	25.0	48.5	60.6	6.4	33.5	3198	23482	38.8	16.8	6.5	94	79.2	27.4	51.6	59.7	5.8	28.6	3135	20321
STEWART SEEDS 6T546	107	P250	1,2,3	47.9	15.3	7.3 *	97	74.7	31.6	57.1	55.8	5.5	23.6	2795	20496	40.5	16.3	6.6	105	81.4	24.8	47.7	61.0	5.5	28.7	3289	21670
STEWART SEEDS 7K285	109	P250	1,2,3	42.1	15.9	6.7	96	79.0	26.6	51.2	59.1	6.0	26.9	3080	20498	35.7	19.8	7.0 *	84	79.7	28.1	53.1	61.9	5.5	21.3	3147	22025
STEWART SEEDS 7K456	110	P250	1,2,3	47.6	14.1	6.7	98	76.0	28.1	52.4	54.3	5.8	29.1	2906	19355	34.1	20.1	6.8 *	94	79.8	28.2	53.3	62.1	5.4	22.2	3155	21508
AVERAGE				43.2	16.5	7.0	95.5	77.5	28.7	53.6	58.3	5.9	26.0	2967	20867	37.4	18.4	6.8	89.9	80.2	27.5	52.3	62.2	5.4	24.4	3178	21484
HIGHEST				50.8	22.3	8.0	100.0	80.8	33.6	60.7	61.5	6.6	33.8	3198	24058	45.9	22.2	7.3	105.2	82.3	31.3	58.0	65.2	5.9	29.9	3289	23406
LOWEST				31.0	13.9	6.0	80.3	73.5	24.4	47.7	54.3	5.5	18.0	2699	17554	32.2	14.4	6.1	76.6	76.7	24.8	47.7	58.0	5.0	19.8	2975	19869
CV (%)				8.6	9.0	8.8	6.6	5.2	15.5	12.2	5.3	10.8	24.2	9	13	10.2	10.0	7.9	4.3	2.8	10.6	8.0	3.9	8.1	17.8	5	10
LSD (5%)				4.4	1.8	0.7	8.9	4.8	5.2	7.7	3.7	0.8	7.4	397	3790	4.5	2.2	0.6	5.5	2.7	3.4	5.0	2.8	0.5	5.1	214	2995

2 Year Averages 2008 - 2007				LENAAWEE - EARLY										WOOD (OHIO) - EARLY													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CROW'S 4846T	110	C250	1,2,3	38.2	18.7	7.1	98	81.8	22.6	45.2	60.1	6.8	30.8	3317	23665	35.4	21.7	7.7 *	96	82.3	23.4	45.7	61.2	5.8	30.7	3337	26216
DAIRYLAND Hi DF-3007	106	P250		39.9	18.8	7.4 *	97	82.9	22.0	44.9	62.3	6.6	33.6	3381	25055	36.3	20.8	7.6 *	97	82.4	23.4	46.8	62.0	5.9	31.0	3337	25508
DAIRYLAND Hi DF-3008-4	108	P250	1,3	40.2	18.1	7.1	93	80.3	24.1	50.7	61.7	6.7	30.5	3182	22679	39.1	19.7	7.5	96	82.3	22.5	45.3	60.7	6.4	32.0	3342	25422
DEKALB DKC55-82 (RR2)	105	P250	1	41.9	18.7	7.7 **	100	81.9	23.5	46.8	62.2	6.4	33.1	3309	25536	38.2	19.5	7.5	94	82.1	23.3	46.1	61.1	5.8	32.4	3334	25244
MYCOGEN TMF2Q716	110	C250	1,2,3,4,8	39.3	19.1	7.5 *	99	80.3	25.9	49.6	60.9	6.3	28.4	3197	23971	38.7	20.1	7.7 *	96	81.8	24.6	47.6	61.3	5.8	31.2	3299	25681
NuTech 3T-310 VT3	110	C250	1,2,3,11	38.8	18.4	7.0	98	81.2	23.6	46.6	60.1	6.4	32.1	3269	23119	36.3	21.9	8.0 *	92	80.7	25.4	48.9	60.3	5.7	29.2	3228	26089
PIONEER 33D14	108	P250	1,2,3,4,11	36.7	19.6	7.2 *	89	82.5	25.1	48.8	65.1	6.4	29.3	3319	24101	36.4	21.2	7.7 *	88	82.5	24.7	47.7	63.5	5.8	30.5	3327	25998
PIONEER 34A89	110	P250	1,2,3,4	38.9	19.0	7.3 *	100	80.7	25.8	49.9	62.3	6.2	29.3	3218	23504	35.8	22.4	8.0 **	94	82.2	24.5	48.1	63.2	5.9	29.9	3306	26835
AVERAGE				39.2	18.8	7.3	96.8	81.5	24.1	47.8	61.8	6.5	30.9	3274	23954	37.0	20.9	7.7	94.2	82.0	24.0	47.0	61.6	5.9	30.8	3314	25874
HIGHEST				41.9	19.6	7.7	100.0	82.9	25.9	50.7	65.1	6.8	33.6	3381	25536	39.1	22.4	8.0	96.6	82.5	25.4	48.9	63.5	6.4	32.4	3342	26835
LOWEST				36.7	18.1	7.0	89.2	80.3	22.0	44.9	60.1	6.2	28.4	3182	22679	35.4	19.5	7.5	88.0	80.7	22.5	45.3	60.3	5.7	29.2	3328	25244
CV (%)				7.1	8.0	7.6	5.1	3.7	12.6	9.7	4.0	8.1	17.0	6	10	7.6	7.2	6.2	3.4	2.0	8.6	6.6	3.1	7.1	12.1	3	8
LSD (5%)				2.4	1.2	0.5	4.8	2.4	2.7	4.0	2.0	0.4	4.1	201	2273	2.4	1.2	0.4	3.1	1.4	1.8	2.7	1.6	0.3	2.8	110	1786

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

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