

TABLE 8E.

## HURON, INGHAM &amp; KENT COUNTY SILAGE TRIALS - EARLY (95 - 104 Day)

ZONE 2 - 3

2009	EARLY - TRIAL AVERAGE										HURON - EARLY																		
	YIELD					% QUALITY					YIELD					% QUALITY													
	BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%StD	IVD	ADF	NDF	NDFD	CP	StArch	MLK 2006	MK/IT	MK/A	%DM	GT/A	DT/A	%StD	IVD	ADF	NDF	NDFD	CP	StArch	MLK 2006	MK/IT
DAIRYLAND HI DF-3000-9	100	P250	1,2,3	34.3	27.1	9.1	93	80.3	25.3	47.6	58.8	6.1	32.4	3196	29241	38.0	22.9	8.7	99	78.1	27.3	50.4	56.7	6.3	31.5	3022	26315		
DYNAGRO 55R10	100	P250	1,2,3,4	33.4	28.4	9.2	87	80.7	25.3	47.7	59.6	5.9	32.5	3217	29583	40.5	21.7	8.8	97	79.9	25.6	47.4	57.5	6.0	33.6	3148	27516		
DYNAGRO 55V48	102	P250	1,2,3	34.4	25.2	8.6	88	82.5	23.2	45.3	61.4	6.4	33.0	3336	28771	38.1	23.7	9.0	95	80.2	24.0	46.7	57.6	6.9	33.0	3167	28566		
GREAT LAKES 5306G3VT3	103	P250	1,2,3	35.9	28.3	10.0	**	82.0	22.4	43.6	58.5	6.1	36.7	3322	32973	40.9	22.7	9.3	**	81.3	22.9	44.6	58.2	6.2	37.3	3254	30095		
GREAT LAKES 5335HX	103	P250	2,3	35.6	26.1	9.2	95	83.3	21.2	41.5	59.7	6.2	39.4	3409	31214	40.6	21.7	8.8	99	81.0	22.8	44.2	56.8	6.5	38.0	3236	28462		
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.0	25.5	9.0	90	81.5	23.2	44.7	58.6	5.9	36.2	3289	29635	40.1	20.5	8.2	96	80.9	21.8	43.4	56.0	6.5	39.8	3242	26622		
LEGACY SEEDS L-5309GT	104	C250	1	31.4	28.9	9.1	89	81.2	24.7	46.9	60.1	6.1	33.1	3250	29435	34.8	27.1	9.4	**	80.6	25.0	47.8	59.4	6.2	33.7	3181	30037		
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	37.1	26.7	9.8	**	83.3	20.7	40.4	58.6	5.9	39.4	3423	33467	41.3	22.3	9.2	**	83.0	20.1	39.4	56.8	6.0	41.7	3394	31251		
MYCOGEN TMF2R521	98	C250	1,2,3,8	35.9	26.5	9.4	*	83.0	22.5	43.7	61.0	6.2	35.8	3376	31742	41.4	24.3	10.1	**	82.3	21.7	42.7	58.8	6.7	38.0	3326	33514		
MYCOGEN TMF2W587	104	C250	1,2,3,4,8	34.3	27.2	9.2	93	81.1	24.5	46.4	59.4	6.4	33.8	3250	29861	39.5	22.9	9.0	98	81.3	23.5	44.9	58.5	7.0	35.4	3248	29286		
NuTech 3T-603 VT3	103	C250	1,2,3	34.2	27.1	9.0	87	79.6	25.8	48.5	57.9	6.0	32.3	3146	28226	41.3	21.0	8.6	92	76.5	27.2	50.3	53.2	6.0	33.0	2937	25233		
PIONEER 36V26	101	P250	1,2,3,4,12,14	35.5	24.7	8.7	94	82.9	21.2	42.1	59.4	6.6	37.3	3382	29368	38.8	22.7	8.8	98	81.3	23.6	46.0	59.4	6.8	33.9	3236	28471		
PIONEER 36V53	102	P250	1,2,4	34.3	27.2	9.3	*	81.6	24.5	46.7	60.6	6.1	33.0	3272	30332	38.5	24.5	9.4	*	79.5	25.2	47.2	56.7	6.5	34.0	3127	29443		
RENK RK563CBLRW	96	P250	2,3,4	37.7	23.7	8.7	91	80.7	24.4	46.3	58.4	6.2	36.0	3221	28100	44.8	16.6	7.4	97	76.3	29.0	52.9	55.2	6.1	30.5	2898	21518		
RENK RK594GTCBLRW	100	P250	1,2,3,4	37.5	23.9	8.9	92	81.4	23.8	46.3	59.8	5.8	34.9	3264	28889	43.1	21.3	9.1	98	79.7	25.8	49.4	59.1	6.0	34.1	3120	28459		
RENK RK670VT3	102	P250	1,2,3	34.7	25.3	8.8	94	82.6	21.0	41.3	57.8	6.2	40.0	3374	29476	37.2	22.6	8.4	100	81.0	22.8	44.6	57.3	7.0	36.2	3229	27062		
RENK RK616VT3	100	P250	1,2,3	36.1	25.0	8.9	93	83.0	22.2	43.7	61.1	6.1	37.5	3377	29887	41.6	20.3	8.4	91	81.0	23.0	45.4	58.0	6.5	36.3	3224	26975		
RENK RK686VT3	103	P250	1,2,3	35.3	27.0	9.4	*	82.9	21.4	42.6	59.9	6.1	37.9	3380	31849	39.7	24.2	9.6	*	81.0	23.5	46.3	59.0	6.2	36.3	3219	30861		
RENK RK698VT3	103	P250	1,2,3	34.8	25.7	8.9	95	81.6	24.8	44.7	59.7	5.9	36.2	3309	29549	35.8	22.5	8.0	95	78.3	26.1	49.4	56.1	6.3	32.0	3041	24399		
STEWART SEEDS 4T458	95	P250	1,2,3	35.8	26.4	9.3	*	80.4	23.7	45.0	56.5	5.8	37.3	3222	30186	39.7	20.9	8.3	97	76.3	26.8	49.6	51.8	6.1	34.3	3026	24408		
STEWART SEEDS 4T985	99	P250	1,2,3	37.3	25.4	9.3	*	80.2	24.1	45.8	56.9	5.9	34.6	3202	29856	39.4	22.3	8.8	98	77.4	26.9	50.2	55.0	6.1	30.0	2985	26119		
AVERAGE				35.3	26.3	9.1	92	81.7	23.2	44.8	59.2	6.1	35.7	3296	30078	39.8	22.3	8.8	96	79.8	24.5	46.8	57.0	6.4	34.9	3150	27839		
HIGHEST				38.7	28.9	10.0	97	83.3	25.8	48.5	61.4	6.4	40.0	3423	33467	44.8	21.1	10.1	100	83.0	29.0	52.9	59.4	7.0	41.7	3394	33514		
LOWEST				31.4	23.7	8.6	87	79.6	20.7	40.4	56.5	5.8	32.3	3146	28100	34.8	16.6	7.4	87	76.3	20.1	39.4	51.8	6.0	30.0	2898	21518		
CV (%)				6.6	6.2	8.1	6	2.1	10.1	7.9	3.2	6.4	10.6	4	10	5.9	5.5	6.2	4	2.8	11.7	9.2	4.1	4.9	12.9	5	8		
LSD (5%)				2.2	1.5	0.7	5	1.6	2.2	3.3	1.8	0.4	3.5	116	2719	3.3	1.7	0.8	6	3.1	4.0	6.1	3.3	0.4	6.3	223	3314		

  

2 Year Averages 2009 - 2008	EARLY - TRIAL AVERAGE										HURON - EARLY																		
	YIELD					% QUALITY					YIELD					% QUALITY													
	BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%StD	IVD	ADF	NDF	NDFD	CP	StArch	MLK 2006	MK/IT	MK/A	%DM	GT/A	DT/A	%StD	IVD	ADF	NDF	NDFD	CP	StArch	MLK 2006	MK/IT
DYNAGRO 55R10	100	P250	1,2,3,4	33.7	26.3	8.7	*	82.3	24.4	46.3	59.6	6.0	33.0	3259	28272	35.9	26.5	9.3	*	80.5	24.9	46.6	58.3	6.7	32.1	3192	29638		
DYNAGRO 55V48	102	P250	1,2,3	34.7	24.3	8.4	*	81.3	23.5	45.1	60.7	6.3	31.8	3315	27855	35.4	26.7	9.4	**	81.6	23.3	45.2	59.4	7.1	30.2	3230	30328		
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.2	22.7	8.1	93	80.3	24.7	46.7	57.8	5.9	33.7	3205	26041	40.4	20.2	8.2	95	79.2	24.1	45.3	54.1	6.9	35.5	3128	25579		
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	35.1	25.4	9.1	**	82.9	21.6	42.2	58.7	6.1	36.0	3378	30670	37.8	26.0	9.7	**	82.4	21.4	43.7	57.8	7.0	34.8	3311	32022		
PIONEER 36V53	102	P250	1,2,4	33.7	25.3	8.5	*	81.5	24.7	46.7	60.5	6.2	32.7	3269	27732	34.8	26.2	9.1	*	79.5	25.7	47.6	57.0	7.0	31.3	3126	28355		
STEWART SEEDS 4T985	99	P250	1,2,3	37.1	23.4	8.6	*	80.2	24.1	45.5	56.5	6.0	34.1	3207	27520	37.1	24.1	8.9	*	78.1	25.9	48.4	54.9	6.5	30.1	3041	27050		
AVERAGE				35.1	24.6	8.6	94	81.4	23.8	45.4	59.0	6.1	33.5	3272	28015	36.9	25.0	9.1	96	80.2	24.2	46.1	56.9	6.9	32.3	3171	28829		
HIGHEST				37.1	26.3	9.1	97	82.9	24.7	46.7	60.7	6.3	36.0	3423	33467	44.8	21.1	10.1	100	83.0	29.0	52.9	59.4	7.1	35.5	3311	32022		
LOWEST				33.7	22.7	8.1	92	80.2	21.6	42.2	56.5	5.9	31.8	3205	26041	34.8	20.2	8.2	92	78.1	21.4	45.2	54.1	6.5	30.1	3041	25579		
CV (%)				9.3	7.4	10.7	4	3.2	13.1	10.5	6.2	13.1	14.1	5	11	6.5	6.3	6.8	4	3.0	11.4	9.0	5.0	6.1	13.0	5	10		
LSD (5%)				2.8	1.7	0.7	4	2.0	2.6	4.0	2.8	0.5	4.2	144	2066	2.5	1.5	0.6	3	2.4	2.8	4.2	2.8	0.4	4.4	166	2829		

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

2009			INGHAM - EARLY										KENT - EARLY														
BRAND /HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFFD	CP	Strch	MLK/IT	MK/A	MLK 2006	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFFD	CP	Strch	MLK/IT
DAIRYLAND HI DF-3000-9	100	P250	1,2,3	35.6	24.5	8.7	84	83.3	21.5	42.1	60.3	6.3	37.5	3406	29776	29.3	34.0	10.0*	97	79.6	27.1	50.4	59.5	5.8	28.3	3161	31633
DYNAGRO 55R10	100	P250	1,2,3,4	30.4	28.8	8.7	83	79.9	26.5	49.4	59.4	6.2	30.8	3155	27568	29.2	34.6	10.1*	92	82.4	23.7	46.3	62.0	5.6	33.1	3349	33665
DYNAGRO 55V48	102	P250	1,2,3	34.6	26.0	9.0	78	83.4	21.2	41.6	60.1	6.5	36.4	3416	30691	30.5	26.0	7.9	92	84.0	24.4	47.7	66.4	5.7	29.6	3424	27056
GREAT LAKES 5306G3V73	103	P250	1,2,3	36.6	26.9	9.9*	90	83.5	19.8	38.8	57.4	6.1	41.5	3445	34072	30.2	35.3	10.7*	95	81.1	24.6	47.3	60.0	6.1	31.4	3268	34753
GREAT LAKES 5335HX	103	P250	2,3	34.6	27.3	9.4*	89	83.0	21.7	41.4	58.9	6.0	39.9	3397	31861	31.7	29.3	9.3*	96	85.8	19.0	39.0	63.5	6.1	40.4	3595	33320
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.9	25.5	9.4*	88	80.8	25.1	46.7	58.8	5.4	33.4	3231	30343	28.9	30.6	9.4*	86	82.9	22.6	44.0	61.1	5.9	35.5	3395	31938
LEGACY SEEDS L-5309GT	104	C250	1	31.1	28.5	8.9	86	81.3	24.9	46.6	59.9	6.3	31.5	3255	28829	30.4	31.1	8.9*	89	81.8	24.3	46.3	60.9	5.8	34.1	3314	29437
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	38.3	27.2	10.4**	89	84.3	19.7	38.8	59.5	6.0	39.7	3490	36316	31.7	30.7	9.7*	92	82.6	22.2	42.9	59.4	5.8	36.8	3385	32833
MVCOGEN T1MF2R521	98	C250	1,2,3,8	36.4	26.8	9.7*	86	83.1	22.1	42.5	60.1	6.4	36.9	3389	32890	29.8	28.5	8.5	88	83.5	23.6	46.0	64.1	5.5	32.6	3412	28823
MVCOGEN T1MF2W587	104	C250	1,2,3,4,8	32.9	27.7	9.1	86	80.5	24.9	46.4	58.0	6.1	34.6	3213	29252	30.5	31.0	9.5*	94	81.6	25.1	47.9	61.6	6.2	31.4	3290	31045
NuTech 3T-603 V73	103	C250	1,2,3	33.9	29.5	10.0*	86	79.7	26.9	49.4	58.8	5.8	30.9	3144	31436	27.3	30.7	8.4	82	82.5	23.3	45.8	61.8	6.2	32.9	3357	28009
PIONEER 36Y26	101	P250	1,2,3,4,12,14	37.2	24.0	8.9	92	82.8	20.7	40.9	58.0	6.5	38.6	3388	30224	30.6	27.3	8.4	91	84.6	19.2	39.5	60.9	6.6	39.5	3520	29408
PIONEER 36V53	102	P250	1,2,4	31.8	27.0	8.6	91	81.9	25.2	48.1	62.3	5.9	29.3	3275	28079	32.6	30.1	9.8*	96	83.4	23.2	44.9	62.9	5.8	35.7	3413	33474
RENK RK563CBLLRW	96	P250	2,3,4	35.1	26.2	9.2	86	82.8	22.7	43.7	60.5	6.1	37.9	3362	30968	32.2	28.2	9.4*	91	82.9	21.5	42.3	59.5	6.3	39.5	3404	31815
RENK RK594GTCBLLRW	100	P250	1,2,3,4	37.4	24.0	9.0	82	81.7	22.4	43.5	57.9	5.8	37.6	3306	29563	32.1	26.3	8.5	95	82.7	23.2	46.1	62.5	5.7	32.9	3367	28644
RENK RK670VT3	102	P250	1,2,3	36.8	26.6	9.8*	94	82.8	20.2	39.6	56.6	6.0	41.4	3400	33274	30.1	26.6	8.1	89	84.0	20.0	39.6	59.6	5.5	42.3	3492	28093
RENK RK616VT3	100	P250	1,2,3	36.2	26.5	9.5*	92	82.4	22.9	43.9	59.7	6.0	36.5	3342	31852	30.5	28.3	8.7*	98	85.6	20.6	41.7	65.5	5.7	39.7	3565	30834
RENK RK686VT3	103	P250	1,2,3	35.5	27.3	9.7*	95	82.7	21.7	42.3	59.0	6.4	37.1	3371	32743	30.6	29.6	9.0*	99	85.0	19.1	39.2	61.6	5.7	40.4	3549	31944
RENK RK698VT3	103	P250	1,2,3	36.8	25.2	9.3*	94	83.3	21.0	41.5	59.8	5.6	39.6	3417	31783	31.8	29.4	9.4*	95	84.1	21.4	43.3	63.2	5.8	36.9	3468	32466
STEWART SEEDS 4T458	95	P250	1,2,3	35.8	27.3	9.8*	95	82.1	22.6	42.5	57.9	5.4	39.1	3342	32690	32.0	30.9	9.9*	97	82.8	21.7	42.8	59.7	5.8	38.6	3397	33461
STEWART SEEDS 4T985	99	P250	1,2,3	39.7	23.4	9.2	92	82.8	20.9	40.8	57.8	5.9	39.0	3391	31187	32.9	30.4	10.0*	98	80.5	24.5	46.5	58.0	5.7	34.9	3241	32262
AVERAGE				35.4	26.5	9.3	88	82.3	22.6	43.3	59.1	6.0	36.6	3340	31209	30.7	29.9	9.2	93	83.0	22.6	44.2	61.6	5.8	35.5	3398	31186
HIGHEST				39.7	29.5	10.4	95	84.3	26.9	49.4	62.3	6.5	41.5	3490	36316	33.2	35.3	10.7	99	85.8	27.1	50.4	66.4	6.6	42.3	3595	34753
LOWEST				30.4	23.4	8.6	77	79.7	19.7	38.8	56.6	5.4	29.3	3144	27568	27.3	26.0	7.9	82	79.6	19.0	39.0	58.0	5.5	28.3	3161	27056
CV (%)				6.5	7.5	8.6	8	1.6	9.1	7.2	2.6	7.8	9.0	3	10	7.9	4.9	10.6	4	1.6	7.7	5.8	2.6	7.4	8.7	3	11
LSD (5%)				3.2	2.8	1.1	10	1.9	2.9	4.4	2.2	0.7	4.7	139	4523	5.1	3.1	2.0	7	2.8	3.6	5.4	3.3	0.9	6.5	191	6953

2 Year Averages 2009 - 2008			INGHAM - EARLY										KENT - EARLY														
BRAND /HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					YIELD					% QUALITY								
				%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFFD	CP	Strch	MLK/IT	MK/A	MLK 2006	%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFFD	CP	Strch	MLK/IT
DYNAGRO 55R10	100	P250	1,2,3,4	32.0	25.5	8.1	91	80.8	25.2	47.6	59.8	6.2	32.1	3232	26179	33.3	26.9	8.7*	94	82.4	23.2	44.8	60.7	5.2	34.9	3352	28999
DYNAGRO 55V48	102	P250	1,2,3	35.8	23.9	8.6*	88	83.5	21.5	41.9	60.7	6.5	35.2	3431	29358	32.8	22.3	7.2	96	81.8	25.6	48.2	62.2	5.2	30.1	3284	23879
HYLAND SEEDS HLSVT50	100	P250	1,2,3,8	36.0	22.1	8.0	92	80.3	25.6	48.2	59.1	5.8	33.0	3203	25669	32.0	25.7	8.1*	91	81.5	24.4	46.5	60.2	5.1	32.5	3282	26875
LEGACY SEEDS L-5350GTCBLL	104	C250	1,2,4	36.1	24.7	9.0**	93	83.6	21.0	40.2	59.2	5.9	39.0	3449	30925	31.5	25.5	8.6*	94	82.6	22.4	42.7	59.0	5.5	34.2	3373	29063
PIONEER 36V53	102	P250	1,2,4	32.3	24.2	7.8	95	82.5	24.5	46.8	62.6	6.1	32.5	3332	25869	34.0	25.5	8.6*	96	82.6	23.8	45.8	61.9	5.5	34.2	3349	28971
STEWART SEEDS 4T985	99	P250	1,2,3	37.6	21.3	8.0	96	81.8	22.7	43.8	58.6	5.9	35.7	3323	26731	36.6	24.8	8.8**	97	80.6	23.8	44.2	56.1	5.5	36.4	3255	28779
AVERAGE				35.0	23.6	8.2	93	82.1	23.4	44.7	60.0	6.1	34.6	3328	27455	33.4	25.1	8.3	95	81.9	23.9	45.4	60.0	5.3	33.7	3316	27761
HIGHEST				37.6	25.5	9.0	96	83.6	25.6	48.2	62.6	6.5	39.0	3449	30925	36.6	26.9	8.8	97	82.6	25.6	48.2	62.2	5.5	36.4	3373	29063
LOWEST				32.0	21.3	7.8	88	80.3	21.0	40.2	58.6	5.8	32.1	3203	25669	31.5	22.3	7.2	91	80.6	22.4	42.7	56.1	5.1	30.1	3255	23879
CV (%)				7.9	7.0	8.7	6	2.2	11.0	8.8	4.4	7.6	11.2	4	10	8.1	5.0	8.1	4	1.9	8.9	7.3	3.9	8.7	10.1	3	9
LSD (5%)				2.8	1.8	0.8	5	1.8	2.5	3.8	2.6	0.5	4.0	131	3093	3.1	1.7	0.9	5	2.0	2.5	4.0	2.9	0.6	4.3	134	3076

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