

TABLE 8E.

IONIA, INGHAM & HURON COUNTY SILAGE TRIALS - EARLY (104 Day and Earlier)

ZONE 2

2003		IONIA - ZONE 2											INGHAM - ZONE 2												
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		
CROW'S 2192B	101	35.9	24.0	**	8.6	89	84.9	18.7	35.2	7.3	37.7	3735	32037	35.5	19.9	7.0	98	84.5	21.7	39.4	7.1	34.4	3732	25972	
DAIRYLAND DST-10427	104	36.6	21.4		7.8	98	84.1	18.3	35.1	7.7	37.5	3662	28646	35.2	19.9	7.0	94	82.5	23.2	40.4	6.6	34.4	3560	24849	
DAIRYLAND STEALTH-1598	98	39.0	19.5		7.6	82	85.7	16.5	31.7	7.1	43.1	3727	28419	37.1	21.4	*	7.9	88	83.9	21.0	37.8	6.9	37.6	3636	28723
DEKALB DKC53-34 (RR/YGCB)	103	36.0	22.7	*	8.2	99	84.5	19.5	36.9	7.2	37.4	3730	30519	39.6	18.3		7.2	99	84.4	21.1	39.1	6.5	38.0	3658	26435
DYNAGRO DG-5257	94	38.8	20.6	*	8.0	88	84.2	18.6	35.2	7.2	39.6	3636	29009	36.6	20.9	*	7.7	93	83.2	22.9	40.8	7.0	34.3	3614	27750
DYNAGRO DG-5288LFY	100	33.9	22.9		7.8	94	84.7	19.0	35.8	7.4	36.5	3737	28963	35.9	20.5		7.3	93	85.3	20.7	37.2	7.3	35.4	3773	27610
GARST 8640IT	103	32.7	20.3		6.7	83	85.0	19.1	35.5	7.1	36.5	3743	24896	33.9	20.6		7.0	84	85.4	21.0	37.6	6.9	35.4	3802	26384
GENESIS 2B95RR	95	38.3	21.3	*	8.2	89	83.9	18.5	34.6	6.9	40.2	3601	29345	34.3	19.7		6.7	99	81.9	24.0	42.1	6.8	33.3	3514	23482
GENESIS 3C02YG	102	32.1	26.0	*	8.3	95	82.5	21.9	41.0	7.8	31.5	3582	29732	31.8	22.2		7.0	95	83.5	24.0	42.6	7.1	30.5	3663	25746
HIGH CYCLE HC7694Rb	102	36.2	21.1		7.6	85	84.2	19.1	35.7	7.4	36.1	3680	28044	34.1	22.9	*	7.7	95	84.2	22.0	38.6	6.9	35.2	3685	28457
HYLAND SEEDS HLS058	103	32.1	25.6	*	8.2	89	82.8	22.6	40.8	7.0	30.3	3544	29229	32.1	20.3		6.5	95	83.6	25.6	44.6	6.7	25.7	3552	23086
HYLAND SEEDS HL2507	100	40.5	19.4		7.9	86	85.4	17.1	33.3	7.0	41.0	3676	28904	39.1	19.7	*	7.7	92	84.4	20.7	38.4	7.2	37.2	3661	28102
LG SEEDS LG2513Bt	104	35.5	22.8	*	8.1	87	85.1	18.1	34.3	7.4	38.9	3761	30502	33.0	22.2		7.3	98	82.8	23.5	41.2	6.8	32.8	3589	26203
LG SEEDS LG2518	102	34.9	22.4		7.8	85	85.5	18.5	34.7	6.8	39.7	3810	29830	34.6	21.6	*	7.5	100	84.5	22.7	39.7	6.5	34.6	3735	27818
MIDWEST GENETIC G7221B	101	34.3	24.1	*	8.2	93	83.9	20.3	37.4	7.2	35.3	3680	30300	33.3	23.9	*	8.0	100	83.3	22.9	39.6	7.1	33.2	3621	28893
NK Brand N43-C4	98	37.4	21.3	*	8.0	87	86.1	17.3	33.5	7.0	41.1	3815	30319	38.0	20.4	*	7.7	98	84.1	20.8	37.8	6.8	37.9	3648	28159
PIONEER 36M28	103	36.9	20.5		7.5	82	84.5	18.8	36.0	7.5	37.9	3687	27766	38.4	20.3	*	7.8	96	85.3	20.7	38.4	7.4	36.2	3761	29218
PIONEER 37D03	97	39.2	19.6		7.7	91	85.7	16.1	31.2	6.7	43.4	3724	28583	38.0	19.4		7.3	98	84.6	21.0	37.5	6.5	38.5	3685	26855
PIONEER 38A25	96	40.9	19.5	*	8.0	87	85.9	16.4	32.1	7.0	42.5	3702	29534	39.0	19.6	*	7.6	96	82.8	22.1	40.2	6.9	34.7	3529	26922
PIONEER 38H67	98	39.2	20.0		7.9	87	87.2	15.1	30.1	6.7	44.9	3843	30159	39.0	18.3		7.1	98	84.4	20.6	37.4	6.6	39.0	3654	26079
RENK RK668	103	36.8	22.4	*	8.3	91	84.2	18.6	35.2	6.9	37.9	3661	30203	36.2	22.8	**	8.3	98	83.0	22.3	39.0	6.3	35.2	3576	29583
Average		36.5	21.8		7.9	89	84.8	18.5	35.0	7.1	38.5	3702	29283	35.9	20.7		7.4	96	83.9	22.1	39.5	6.8	34.9	3650	26968
Highest		40.9	26.0		8.6	99	87.2	22.6	41.0	7.8	44.9	3843	32037	39.6	23.9		8.3	100	85.4	25.6	44.6	7.4	39.0	3802	29583
Lowest		32.1	19.4		6.7	82	82.5	15.1	30.1	6.7	30.3	3544	24896	31.8	18.3		6.5	84	81.9	20.6	37.2	6.3	25.7	3514	23086
CV (%)		4.5	4.5		6.1	7	1.6	11.1	8.7	3.9	8.9	3	8	4.2	10.6		9.2	7	1.6	8.5	7.0	4.8	8.6	3	10
LSD (.05%)		2.0	1.2		0.6	7	1.6	2.4	3.6	0.3	4.1	117	2643	1.8	2.6		0.8	7	1.6	2.2	3.3	0.4	3.6	131	3278

\*\* Highest Yielding Hybrid

\* Not Significantly Different from Highest Yielding Hybrid

2002 & 2003 Averages		IONIA - ZONE 2											INGHAM - ZONE 2												
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		
DAIRYLAND STEALTH-1598	98	43.1	17.1	*	7.2	89	83.1	17.9	34.3	7.3	43.0	3443	24366	39.2	19.8	**	7.7	90	83.1	19.9	36.7	7.2	40.1	3522	26297
HYLAND SEEDS HLS058	103	33.5	22.4	**	7.5	94	81.6	22.7	41.4	7.0	30.7	3501	25415	33.0	21.2		7.0	93	82.2	24.3	43.2	7.1	29.4	3508	23706
PIONEER 36M28	103	40.3	18.1	*	7.2	91	83.1	19.1	36.5	7.5	40.2	3504	24504	38.9	19.8	**	7.7	95	84.4	20.0	37.7	7.5	38.4	3681	27347
PIONEER 38A25	96	43.4	17.0	*	7.3	93	84.0	17.2	33.6	7.0	44.1	3476	24958	39.2	17.7		6.9	98	81.9	21.9	40.5	7.2	34.9	3464	23412
RENK RK668	103	40.0	18.6	*	7.3	95	82.0	19.6	36.7	7.0	38.6	3430	24572	36.7	21.1	**	7.7	92	82.0	21.3	38.3	6.9	37.0	3496	26281
Average		40.0	18.6		7.3	92	82.8	19.3	36.5	7.2	39.3	3471	24763	37.4	19.9		7.4	93	82.7	21.5	39.2	7.2	36.0	3534	25409
Highest		43.4	22.4		7.5	95	84.0	22.7	41.4	7.5	44.1	3504	25415	39.2	21.2		7.7	98	84.4	24.3	43.2	7.5	40.1	3681	27347
Lowest		33.5	17.0		7.2	89	81.6	17.2	33.6	7.0	30.7	3430	24366	33.0	17.7		6.9	90	81.9	19.9	36.7	6.9	29.4	3464	23412
CV (%)		0.0	6.1		3.2	0	0.0	10.4	0.1	0.0	0.1	2	27	0.0	10.7		3.9	0	0.2	8.5	0.1	0.0	0.2	2	35
LSD (.05%)		1.6	0.8		0.4	4	1.1	1.6	2.4	0.2	2.7	85	1496	1.6	1.5		0.5	5	6.0	1.5	2.3	0.3	3.9	89	1878

2001 - 2003 Averages		IONIA - ZONE 2											INGHAM - ZONE 2											
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	
DAIRYLAND STEALTH-1598	98	41.0	18.7		7.5	92		19.5	37.0	7.3			37.8	20.0		7.5	93		21.8	40.0	6.9			

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2003		HURON - ZONE 3											TRIAL AVERAGE										
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
CROW'S 2192B	101	34.0	19.3	6.5	100	77.8	27.2	48.0	6.5	28.0	3247	21192	35.1	21.1	7.4	96	82.4	22.5	40.9	7.0	33.4	3571	26400
DAIRYLAND DST-10427	104	37.3	18.2	6.8	99	79.8	23.1	42.6	6.9	35.1	3348	22599	36.4	19.8	7.2	97	82.1	21.5	39.4	7.1	35.7	3523	25365
DAIRYLAND STEALTH-1598	98	39.6	17.2	6.8	92	79.6	23.0	41.9	6.9	37.0	3276	22360	38.6	19.4	7.4	87	83.1	20.2	37.1	7.0	39.2	3546	26501
DEKALB DKC53-34 (RR/YGCB)	103	36.7	19.1	* 7.0	99	80.7	23.5	43.5	6.7	35.0	3463	24244	37.4	20.0	* 7.5	99	83.2	21.4	39.8	6.8	36.8	3617	27066
DYNAGRO DG-5257	94	39.1	18.2	* 7.1	99	78.6	24.1	44.0	6.7	34.4	3229	23037	38.2	19.9	* 7.6	93	82.0	21.9	40.0	7.0	36.1	3493	26599
DYNAGRO DG-5288LFY	100	36.4	19.8	* 7.2	97	81.4	22.2	40.8	7.2	35.0	3494	25065	35.4	21.1	7.4	95	83.8	20.6	37.9	7.3	35.6	3668	27213
GARST 8640IT	103	34.7	19.4	6.7	95	80.9	22.7	40.8	6.6	35.1	3460	23270	33.8	20.1	6.8	87	83.8	20.9	38.0	6.9	35.7	3668	24850
GENESIS 2B95RR	95	38.0	18.9	* 7.2	99	80.2	23.1	42.0	6.5	35.9	3378	24228	36.9	20.0	7.4	95	82.0	21.9	39.6	6.7	36.5	3498	25685
GENESIS 3C02YG	102	31.6	21.8	6.9	100	80.8	24.3	44.4	7.1	30.2	3467	23842	31.8	23.3	7.4	96	82.3	23.4	42.7	7.3	30.7	3571	26440
HIGH CYCLE HC7694Rb	102	36.6	20.1	** 7.4	99	82.0	21.4	39.7	6.6	36.9	3559	26145	35.6	21.4	* 7.6	93	83.5	20.8	38.0	7.0	36.1	3641	27549
HYLAND SEEDS HLS058	103	31.2	20.8	6.5	97	79.4	26.8	47.8	6.6	25.5	3344	21746	31.8	22.2	7.1	94	81.9	25.0	44.4	6.8	27.2	3480	24687
HYLAND SEEDS HL2507	100	38.6	18.1	* 7.0	98	81.0	21.1	39.3	6.6	38.7	3416	23813	39.4	19.1	* 7.5	92	83.6	19.6	37.0	6.9	39.0	3584	26940
LG SEEDS LG2513Bt	104	36.7	19.2	* 7.0	100	82.1	21.0	38.5	6.6	39.1	3546	24827	35.1	21.4	* 7.5	95	83.3	20.9	38.0	6.9	36.9	3632	27177
LG SEEDS LG2518	102	36.1	19.0	6.9	98	80.7	23.1	41.7	6.6	35.5	3451	23632	35.2	21.0	7.4	94	83.6	21.4	38.7	6.6	36.6	3666	27093
MIDWEST GENETIC G7221B	101	35.2	20.0	* 7.1	99	81.0	23.2	42.6	6.7	34.4	3491	24620	34.3	22.7	* 7.8	97	82.7	22.1	39.9	7.0	34.3	3597	27938
NK Brand N43-C4	98	37.2	19.2	* 7.1	98	82.2	20.8	38.6	6.8	39.3	3556	25372	37.5	20.3	* 7.6	94	84.1	19.6	36.6	6.9	39.4	3673	27950
PIONEER 36M28	103	39.2	17.6	6.9	97	80.3	22.1	41.0	6.7	37.7	3338	22967	38.2	19.5	7.4	92	83.4	20.5	38.5	7.2	37.3	3595	26650
PIONEER 37D03	97	39.8	17.2	6.9	99	80.1	22.4	41.8	6.8	36.8	3326	22791	39.0	18.7	7.3	96	83.5	19.8	36.8	6.7	39.6	3578	26076
PIONEER 38A25	96	37.6	18.2	6.8	100	81.4	21.2	39.8	7.1	38.5	3444	23511	39.2	19.1	* 7.5	94	83.4	19.9	37.4	7.0	38.6	3558	26656
PIONEER 38H67	98	36.9	18.9	* 7.0	97	81.1	21.8	40.1	6.6	36.9	3467	24094	38.4	19.1	7.3	94	84.2	19.2	35.9	6.6	40.3	3655	26777
RENK RK668	103	38.5	18.8	* 7.2	98	78.4	23.8	43.4	6.7	35.2	3209	23122	37.2	21.3	** 7.9	96	81.9	21.6	39.2	6.6	36.1	3482	27636
Average		36.7	19.0	6.9	98	80.4	22.9	42.0	6.7	35.2	3405	23642	36.4	20.5	7.4	94	83.0	21.2	38.8	6.9	36.2	3586	26631
Highest		39.8	21.8	7.4	100	82.2	27.2	48.0	7.2	39.3	3559	26145	39.4	23.3	7.9	99	84.2	25.0	44.4	7.3	40.3	3673	27950
Lowest		31.2	17.2	6.5	92	77.8	20.8	38.5	6.5	25.5	3209	21192	31.8	18.7	6.8	87	81.9	19.2	35.9	6.6	27.2	3480	24687
CV (%)		4.7	5.5	4.9	2	2.6	11.3	9.0	4.8	11.6	5	7	4.5	7.4	7.0	6	2.0	10.4	8.3	4.5	9.8	3	9
LSD (.05%)		2.1	1.2	0.4	3	2.5	3.1	4.5	0.4	4.8	183	1964	1.1	1.0	0.4	4	1.1	1.5	2.2	0.2	2.4	84	1533

\*\* Highest Yielding Hybrid

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2002 & 2003 Averages		HURON - ZONE 3											TRIAL AVERAGE										
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
DAIRYLAND STEALTH-1598	98	41.5	18.8	** 7.8	93	81.1	20.2	37.8	6.6	41.6	3316	24964	41.3	18.6	** 7.6	91	82.4	19.3	36.3	7.0	41.6	3427	25209
HYLAND SEEDS HLS058	103	34.6	22.3	** 7.8	99	80.7	23.8	43.4	6.2	31.5	3432	25701	33.7	22.0	* 7.4	95	81.5	23.6	42.7	6.8	30.5	3481	24941
PIONEER 36M28	103	40.6	19.1	** 7.8	99	81.8	19.9	38.0	6.8	40.0	3415	25614	39.9	19.0	** 7.6	95	83.1	19.7	37.4	7.3	39.5	3533	25822
PIONEER 38A25	96	40.4	18.4	7.4	99	82.4	19.4	37.1	6.8	40.7	3456	24792	41.0	17.7	7.2	97	82.8	19.5	37.1	7.0	39.9	3465	24388
RENK RK668	103	39.4	19.7	** 7.8	90	80.3	21.2	39.4	6.5	38.5	3328	25054	38.7	19.8	** 7.6	92	81.4	20.7	38.1	6.8	38.0	3418	25302
Average		39.3	19.7	7.7	96	81.3	20.9	39.1	6.6	38.5	3390	25225	38.9	19.4	7.5	94	82.2	20.6	38.3	7.0	37.9	3465	25132
Highest		41.5	22.3	7.8	99	82.4	23.8	43.4	6.8	41.6	3456	25701	41.3	22.0	7.6	97	83.1	23.6	42.7	7.3	41.6	3533	25822
Lowest		34.6	18.4	7.4	90	80.3	19.4	37.1	6.2	31.5	3316	24792	33.7	17.7	7.2	91	81.4	19.3	36.3	6.8	30.5	3418	24388
CV (%)		0.0	6.7	2.8	0	0.1	9.8	0.1	0.0	0.1	2	27	0.0	8.2	3.3	0	0.1	9.6	0.1	0.0	0.1	2	30
LSD (.05%)		1.4	0.9	0.3	2	1.4	1.8	2.6	0.3	2.8	101	1347	0.9	0.6	0.2	2	0.7	1.0	1.4	0.1	1.6	53	913

2001 - 2003 Averages		HURON - ZONE 3											TRIAL AVERAGE										
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
DAIRYLAND STEALTH-1598	98	41.1	19.4	8.0	88		20.7	38.9	6.7				40.0	19.4	7.7	91		20.7	38.6	7.0			