

## 2008 UGA On-Farm Corn Silage Variety Trial – Macon County

Hybrid	RFM	Yield @ 35% DM, Tons/Acre	Yield @ 100% DM, Tons/Acre	DM% @ Harvest	CP%	ADF%	NDF%	Starch%	Ash%	TDN %	IVTD 24 Hrs	IVTD 48 Hrs	Milk lb/ Ton DM	% Milk Line @ Harvest
DeKalb 67-87 RR2/YGCB	117	17.79	6.22	36.7	7.8	24.3	42.4	29.4	3.16	74	79	83	3230	50%
DeKalb 69-71 RR2/YGCB	119	16.82	5.88	30.9	8.1	32.0	54.3	15.2	4.02	65	69	75	2647	20%
DeKalb 66-23 RR2/YGCB	116	13.61	4.76	32.6	8.5	27.6	46.6	22.2	4.16	72	76	82	3122	25%
TA Seeds 780-13	118	15.78	5.52	33.6	7.9	24.4	42.6	28.7	3.56	76	82	85	3470	40%
TA Seeds 800-13V	120	17.22	6.02	29.4	8.5	27.0	45.9	24.4	4.03	73	78	82	3342	40%
Pioneer 31Y42 RR2	118	16.52	5.78	27.2	9.2	28.6	48.3	18.2	4.48	73	78	83	3020	25%
Pioneer 31P40 RR2	119	13.96	4.88	30.2	8.3	26.5	45.7	23.5	3.71	75	77	83	3302	20%
Greenwood TL 3361		14.86	5.20	34.4	9.0	23.9	41.7	28.6	3.69	76	80	84	3455	60%
Mycogen 2N804 RR2/LL HX	116	16.92	5.92	29.5	8.3	25.1	44.0	26.4	4.03	75	79	85	3428	30%
Mycogen 2Q753 RR2/LL HX	113	15.83	5.54	32.3	8.0	21.1	37.1	35.7	3.33	77	82	86	3602	50%
Golden Acres 2839	115	18.22	6.37	31.6	7.6	19.4	35.1	41.1	3.20	79	82	88	3744	25%
Hyttest 7891	118	18.13	6.34	30.8	7.5	30.4	48.0	20.7	4.58	71	77	82	2978	40%
Hyttest 8212		19.94	6.98	31.4	7.0	24.7	42.9	28.0	3.39	74	78	83	3332	40%
<b>Average</b>		<b>16.58</b>	<b>5.83</b>	<b>31.58</b>	<b>8.13</b>	<b>25.76</b>	<b>44.2</b>	<b>26.31</b>	<b>3.79</b>	<b>73.84</b>	<b>78.23</b>	<b>83.15</b>	<b>3282.46</b>	

Planted on April 10, 2008. Harvested on July 21, 2008. Soil pH 6.7, Soil test P = 118, K = 213. N 50 units applied April 11, 2008 and 100 units applied at sidedress on May 19, 2008. Lagoon water applied during the year. Glyphosate and atrazine applied on May 6, 2008. Plots were 12 rows wide and the row width was 30 inches.

\*\*This project would not be possible without the help from Mid-GA Farm Service, Whitehouse Farms, TA Seeds, DeKalb Corn, Pioneer Seed, Greenwood, Mycogen Seed, Golden Acres Seed and Hyttest. Also I would like to thank the custom corn silage crew for their help and patience.

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Hybrid	Yield in Tons per Acre @ 100% DM	Milk lb per DM Ton
DeKalb 67-87 RR2/YGCB	6.22	3230
DeKalb 69-71 RR2/YGCB	5.88	2647
DeKalb 66-23 RR2/YGCB	4.76	3122
TA Seeds 780-13	5.52	3470
TA Seeds 800-13V	6.02	3342
Pioneer 31Y42 RR2	5.78	3020
Pioneer 31P40 RR2	4.88	3302
Greenwood TL 3361	5.20	3455
Mycogen 2N804 RR2/LL HX	5.92	3428
Mycogen 2Q753 RR2/LL HX	5.54	3602
Golden Acres 2839	6.37	3744
Hyttest 7891	6.34	2978
Hyttest 8212	6.98	3332
<b>Average</b>	<b>5.80</b>	<b>3282.46</b>

**Comparing Lbs of Milk per DM Ton and DM Yields among Corn Silage Varieties – Macon County, 2008**

