

Project: 2006 UGA On-Farm Corn Silage Variety Trial – Brooks County

Company	Variety	Tons	Tons	Moisture	%	%	%	%	%	24 hr	48 hr	tons	Milk
		@	@									of DM	
		35% DM	0% DM		CP	ADF	NDF	Fat	TDN	IVTD	IVTD	Milk lbs/ton	
DeKalb	6972	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pioneer	33M53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DeKalb	66-23	24.12	8.4	0.627	8.1	20.8	38.0	3.0	77	79	85	3719	31402
Dynagro	58P59	25.30	8.9	0.673	8.3	21.4	37.9	2.9	76	80	85	3922	34728
Garst	8225	24.69	8.6	0.673	8.3	19.9	34.9	3.1	77	81	87	3971	34321
DeKalb	6972	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vigoro	58YR2	23.11	8.1	0.648	8.0	19.5	35.5	3.0	78	81	87	3952	31964
G. Acres	8681 FQ	24.74	8.7	0.675	8.5	22.0	38.7	3.0	76	78	85	3844	33280
DeKalb	67-60	24.68	8.6	0.669	8.7	24.3	42.6	3.1	73	75	81	3546	30626
Dynagro	58K40	24.76	8.7	0.673	8.2	23.1	41.1	2.6	74	77	84	3672	31828
Garst	8248	26.08	9.1	0.638	8.1	19.9	35.0	2.7	76	81	86	3757	34291
DeKalb	6972	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G. Acres	2850 RR	25.87	9.1	0.671	8.3	22.7	41.2	2.9	76	78	84	3834	34711
Pioneer	31R87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vigoro	62R66	25.65	9.0	0.697	8.3	23.1	39.4	2.7	75	78	84	3736	33544
Agratech	999A	26.44	9.3	0.649	7.6	23.0	40.2	3.1	75	76	84	3672	33980
Agratech	1021	24.74	8.7	0.683	8.0	27.4	48.5	2.8	69	72	79	3285	28441
Pioneer	31Y42	26.95	9.4	0.692	8.5	20.5	37.4	3.1	77	80	86	4009	37814
Pioneer	33V14	26.75	9.4	0.648	8.1	21.1	37.7	3.3	77	80	86	3875	36278

Planted: March, 2006.

Harvested: July 20, 2006

Plot Size: 6 rows by the length of the field.

Row Spacing: 30 inches

Project: 2006 UGA On-Farm Corn Silage Variety Trial – Burke County

Company	Variety	Tons	Tons	Moisture	%	%	%	%	%	24 hr	48 hr	tons	Milk
		@	@									of DM	
		35% DM	0% DM		CP	ADF	NDF	Fat	TDN	IVTD	IVTD	Milk lbs/ton	
DeKalb	6972	27.88	9.8	0.622	6.6	25.1	45.6	3.0	71	72	79	3253	31741
Pioneer	33M53	25.74	9.0	0.646	6.7	22.7	42.5	3.4	73	74	80	3490	31443
DeKalb	66-23	25.69	9.0	0.632	7.6	22.5	41.1	3.0	74	72	83	3545	31876
Dynagro	58P59	29.45	10.3	0.642	6.8	20.2	36.9	3.2	77	80	85	3817	39339
Garst	8225	27.43	9.6	0.651	7.2	21.3	37.9	3.4	76	76	84	3765	36142
DeKalb	6972	25.62	9.0	0.645	6.8	24.0	42.6	3.0	72	71	80	3393	30428
Vigoro	58YR2	27.46	9.6	0.615	7.4	21.0	37.3	3.2	77	77	86	3695	35510
G. Acres	8681 FQ	26.05	9.1	0.654	7.3	24.1	42.8	3.0	74	76	82	3610	32913
DeKalb	67-60	24.92	8.7	0.656	7.1	25.6	45.4	3.2	73	71	80	3539	30873
Dynagro	58K40	23.49	8.2	0.699	7.5	26.0	43.4	2.8	72	75	81	3583	29460
Garst	8248	24.69	8.6	0.632	7.6	21.9	38.8	2.5	75	78	85	3658	31605
DeKalb	6972	24.79	8.7	0.647	7.4	24.8	44.2	2.8	71	71	79	3343	29010
G. Acres	2850 RR	27.91	9.8	0.614	7.0	20.5	37.1	3.0	77	79	85	3646	35616
Pioneer	31R87	22.86	8.0	0.660	7.4	22.9	41.0	3.4	75	75	83	3726	29811
Vigoro	62R66	25.81	9.0	0.647	7.6	22.5	40.5	2.9	76	75	85	3767	34027
Agratech	999A	27.33	9.6	0.653	6.8	24.5	43.9	2.9	72	74	81	3538	33841
Agratech	1021	24.39	8.5	0.681	7.0	29.6	51.4	2.8	67	69	76	3174	27098
DeKalb	6972	26.70	9.3	0.612	6.7	24.0	43.5	3.1	71	73	79	3232	30201

Planted: March 22, 2006.

Fertility: Poultry litter (pre-plant); 10-34-0 15 gal (at-plant); N 100 lbs (sidedress)

Herbicides: Atrazine, 2 qt + 1 qt of COC.

Harvested: July 19, 2006

Plot Size: 16 rows by the length of the field.

Previous Crop: Soybean.

Row Spacing: 30 inches

Project: 2006 UGA On-Farm Corn Silage Variety Trial – Putnam County

Company	Variety	Tons	Tons	Moisture	%	%	%	%	%	24 hr	48 hr	tons	Milk
		@	@									of DM	
		35% DM	0% DM		CP	ADF	NDF	Fat	TDN	IVTD	IVTD	Milk lbs/ton	
DeKalb	6972-2	23.68	8.3	0.686	8.5	29.3	52.1	2.8	71	71	81	3167	26244
Pioneer	33M53	23.24	8.1	0.665	9.3	27.4	46.4	3.4	73	72	83	3310	26925
DeKalb	6623	24.01	8.4	0.651	8.8	25.1	43.1	3.0	73	72	83	3163	26581
Dynagro	58P59	21.99	7.7	0.707	8.4	23.6	40.9	3.1	74	74	83	3429	26397
Garst	8225	23.57	8.2	0.712	9.1	27.7	46.6	3.3	72	74	83	3358	27702
DeKalb	6972-3	19.98	7.0	0.671	9.4	25.9	46.3	3.6	71	71	81	3213	22465
Vigoro	58YR2	22.27	7.8	0.696	8.7	27.6	47.0	2.6	73	73	83	3320	25879
G. Acres	8681FQ	26.23	9.2	0.695	9.1	23.3	41.0	3.0	76	77	87	3599	33047
DeKalb	6760	24.24	8.5	0.696	10.2	25.9	45.3	3.0	72	71	82	3130	26555
Dynagro	58K40	25.30	8.9	0.717	8.6	26.3	44.2	2.8	72	72	83	3291	29146
Garst	8248	22.24	7.8	0.689	9.3	22.3	40.0	3.2	75	77	86	3560	27710
DeKalb	6972-4	23.05	8.1	0.652	8.9	26.2	46.2	2.9	71	72	82	3156	25457
G. Acres	2850	25.84	9.0	0.707	8.4	30.0	50.3	2.8	70	71	80	3118	28204
Pioneer	31R87	20.95	7.3	0.672	8.0	25.5	44.1	2.9	72	75	84	3321	24355
Vigoro	62R66	26.16	9.2	0.707	9.3	23.8	42.5	3.0	73	75	84	3439	31485
Agratech	999A	24.80	8.7	0.709	8.0	25.4	44.3	3.0	74	76	83	3495	30332
Agratech	1021RR	20.65	7.2	0.727	9.2	28.4	48.0	2.7	70	72	82	3120	22545
Pioneer	31Y42	22.67	7.9	0.712	9.2	26.1	44.4	3.0	74	72	83	3368	26729

Planted: April 4, 2006.

Fertility: 21-7-14 (at-plant); N 100 lbs (sidedress); finished off with lagoon water

Herbicides: Atrazine, 1 qt + 1 qt of COC.

Harvested: July 20, 2006

Plot Size: 6 rows by the length of the field.

Previous Crop: Wheat.

Row Spacing: 30 inches

Project: 2006 UGA On-Farm Corn Silage Variety Trial – Macon County

Company	Variety	Tons	Tons	Moisture	%	%	%	%	%	24 hr	48 hr	tons	Milk
		@	@									of DM	
		35% DM	0% DM		CP	ADF	NDF	Fat	TDN	IVTD	NDFD	Milk lbs/ton	
DeKalb	6972	13.76	4.8	0.598	7.0	32.6	55.0	2.4	67	69	59	2825	13605
Pioneer	33M53	16.03	5.6	0.495	6.9	26.3	46.6	2.7	72	73	60	3105	17415
DeKalb	66-23	14.75	5.2	0.625	7.6	26.6	46.4	2.9	74	75	64	3269	16880
Dynagro	58P59	16.15	5.7	0.582	6.1	40.0	73.8	2.0	62	66	63	2696	15239
Garst	8225	18.79	6.6	0.615	7.2	40.3	65.5	2.8	64	67	67	3149	20705
DeKalb	6972	12.18	4.3	0.549	8.5	33.4	56.0	2.3	66	67	60	2866	12219
Vigoro	58YR2	11.72	4.1	0.609	7.5	36.9	59.5	1.8	62	68	57	2711	11120
G. Acres	8681 FQ	12.30	4.3	0.571	8.3	28.9	54.1	2.7	71	72	65	3284	14132
DeKalb	67-60	11.30	4.0	0.613	8.0	34.3	56.4	2.0	64	70	56	2843	11243
Dynagro	58K40	14.87	5.2	0.611	7.7	34.4	55.5	2.1	64	63	57	2675	13920
Garst	8248	12.33	4.3	0.555	7.7	33.0	52.4	2.2	64	68	53	2758	11905
DeKalb	6972	18.19	6.4	0.489	7.1	34.9	61.1	1.9	59	60	51	2253	14341
G. Acres	2850 RR	15.06	5.3	0.545	8.2	29.4	50.4	2.7	70	73	61	3065	16151
Pioneer	31R87	13.37	4.7	0.539	7.4	30.5	52.5	2.7	70	72	61	3240	15160
Vigoro	62R66	13.15	4.6	0.421	8.6	29.7	52.7	2.6	71	72	63	3322	15293
Agratech	999A	13.46	4.7	0.433	8.3	26.2	45.2	2.7	74	76	63	3346	15763
Agratech	1021	12.91	4.5	0.401	7.7	32.1	55.7	2.3	67	69	60	3050	13782
DeKalb	6972	14.59	5.1	0.537	7.5	31.9	56.6	2.2	67	67	59	2823	14414
Garst	2995	15.39	5.4	0.513	7.9	31.4	52.7	2.7	67	67	56	2796	15059

Planted: March 27, 2006.

Soil Test P – 94 lbs/A, K- 164 lbs/A, Calcium – 1160 lbs/A, pH – 6.6

Fertility: N 50 lbs, P2O5 30 lbs (at-plant); N 100 lbs (sidedress); finished off with lagoon water

Herbicides: Atrazine, 2 qt + Round Up, 0.75 AE per acre + 1 qt of COC.

Harvested: July 19-22, 2006

Plot Size: 12 rows by the length of the field.

Previous Crop: Corn. Row Spacing: 30 inches

Project: 2006 UGA On-Farm Corn Silage Variety Trial – Brooks, Burke, Putnam, & Macon County Averages

<b>Company</b>	<b>Variety</b>	<b>Tons 35% DM</b>	<b>Tons 0% DM</b>	<b>Locations</b>	<b>Moisture</b>	<b>% CP</b>	<b>% ADF</b>	<b>% NDF</b>	<b>% Fat</b>	<b>% TDN</b>	<b>24 hr IVTD</b>	<b>48 hr NDFD</b>	<b>Milk lbs / Ton of DM</b>	<b>Milk per Acre</b>
G. Acres	2850 RR	23.67	8.3	4	0.634	7.9	26.6	45.9	2.8	72.3	74	75	3276	26657
Garst	8225	23.62	8.3	4	0.663	7.8	29.8	50.0	3.2	70.7	72	78	3424	28183
Dynagro	58P59	23.22	8.1	4	0.651	7.1	27.9	50.5	2.8	71.0	73	77	3314	26992
Agratech	999A	23.01	8.1	4	0.611	7.7	25.4	44.5	2.9	73.3	75	76	3460	26645
Vigoro	62R66	22.69	7.9	4	0.618	8.5	25.3	45.2	2.8	73.3	74	77	3509	26935
G. Acres	8681 FQ	22.33	7.8	4	0.649	8.2	25.4	46.0	2.9	73.7	75	78	3498	26697
DeKalb	66-23	22.14	7.8	4	0.634	8.0	24.7	43.5	3.0	73.7	73	77	3326	25112
Dynagro	58K40	22.11	7.7	4	0.675	7.9	28.9	47.7	2.6	69.3	70	74	3183	24175
Pioneer	33M53	21.67	7.6	3	0.602	7.6	25.5	45.2	3.2	72.7	73	74	3302	25261
DeKalb	67-60	21.29	7.4	4	0.659	8.4	28.6	49.0	2.7	69.7	71	73	3171	22890
Vigoro	58YR2	21.14	7.4	4	0.642	7.9	28.5	47.9	2.5	70.7	73	75	3242	24170
DeKalb	6972	21.01	7.4	3	0.618	7.8	28.5	49.9	2.7	68.8	69	72	3052	22834
Agratech	1021	20.67	7.2	4	0.623	8.0	30.0	51.7	2.6	68.0	70	73	3115	21142
Garst	8248	19.75	6.9	4	0.625	8.2	25.7	43.7	2.6	71.3	74	75	3325	23740
Pioneer	31R87	19.06	6.7	3	0.624	7.6	26.3	45.9	3.0	72.3	74	76	3429	23109
Pioneer	31Y42	24.81	8.7	2	0.702	8.8	23.3	40.9	3.1	76.0	76	85	3688	32271
Pioneer	33V14	26.75	9.4	1	0.648	8.1	21.1	37.7	3.3	77.3	80	86	3875	36278
Garst	2995	15.39	5.4	1	0.513	7.9	31.4	52.7	2.7	67.0	67	56	2796	15059