

Silage Test Results

Summary of Evaluations of Corn Hybrids for Silage Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2011

Company or Brand Name	Hybrid Name	Quality Factors ¹			Dry Matter Yield				
		Milk Production ²		Grain Portion %	Statewide				
		lbs/ton DM	lbs/acre			Average	Blairsville	Calhoun	Griffin	Tifton
					----- tons/acre -----				
<u>Short -Season</u>									
AgraTech	1777	3392	40776	50	.	.	.	.	11.9
Dyna-Gro	57N73	3357	39378	54	10.5	11.3	9.6	9.3	11.7
Dyna-Gro	D55Q80	3388	41069	52	10.2	10.1	8.9	9.7	12.1
MC	MC-6580	3505	41447	53	10.0	11.9	7.9	8.4	11.8
Mycogen	F2F 700	3659	37566	51	9.0	9.6	8.5	7.6	10.2
Mycogen	TMF 2L872	3713	49544	46	.	.	.	.	13.4
Pioneer	33F87(HX1 LL RR2)	3476	41288	56	10.5	12.6	8.7	8.9	11.8
T. A. Seeds	TA765-00	3461	44489	51	.	.	.	.	12.9
T. A. Seeds	TA780-13V	3329	40976	53	.	.	.	.	12.3
<i>Average</i>		<i>3476</i>	<i>41837</i>	<i>52</i>	<i>10.0</i>	<i>11.1</i>	<i>8.7</i>	<i>8.8</i>	<i>12.0</i>
<u>Mid-Season</u>									
AgraTech	993	3370	48191	43	11.7	13.1	9.2	10.3	14.3
AgraTech	1022 RR	3609	45513	38	.	.	.	.	12.6
AgraTech	999aRR	3568	43407	47	11.1	12.1	10.2	10.0	12.2
Croplan Genetics	8221 VT3	3379	39399	47	10.7	10.7	10.0	10.4	11.7
Croplan Genetics	851 VT3 PRO	3465	47324	53	10.4	8.2	9.7	10.2	13.7
DeKalb	DKC67-21(GENVT3P)	3404	42481	55	10.9	13.0	8.6	9.3	12.6
DeKalb	DKC67-88(GENVT3P)	3408	45257	54	11.6	13.9	8.6	10.4	13.3
Dyna-Gro	D56VP24	3523	37428	51	10.6	11.6	9.3	10.7	10.6
Dyna-Gro	D56VP69	3388	42342	53	.	.	8.1	10.0	12.4
Dyna-Gro	D57GT60	3515	42612	54	.	.	9.1	8.9	12.1
Dyna-Gro	D58VP30	3293	43393	53	.	.	11.2	10.0	13.2
Golden Acres	27V01	3364	44020	57	10.7	10.7	8.5	10.4	13.1
Greenwood	3280 RR	3493	41026	47	11.2	12.9	9.8	10.1	11.8
Greenwood	GW 3515 RR	3442	41869	53	10.1	10.8	8.3	9.2	12.2
MC	MC-590	3546	39337	53	10.2	12.0	8.2	9.5	11.1
MC	MC-630	3521	44924	54	.	.	.	.	12.7
Mycogen	TMF2H918RR	4003	40517	46	10.4	12.0	9.4	9.9	10.2
Pioneer	31P42(HX1 LL RR2)	3547	44191	52	11.3	12.9	10.2	9.5	12.5
Pioneer	31Y42(RR2)	3505	46958	53	.	.	.	.	13.4
Pioneer	P2023HR	3432	50715	56	12.6	14.2	11.1	10.5	14.8
Pioneer	P2088HR	3569	51036	56	11.9	13.4	9.6	10.4	14.3
Southern States	SS 787 GENVT3PRO	3407	36487	54	10.2	11.6	9.8	8.9	10.7
Southern States	SS 788 GENVT3PRO	3455	41824	54	.	.	.	.	12.1
Southern States	SS 818 GENVT3PRO	3409	40101	50	10.8	13.9	9.1	8.6	11.7
T. A. Seeds	TA778-28	3431	37234	50	.	.	.	.	10.8
T. A. Seeds	TA790-19	3542	40238	53	.	.	.	.	11.4
<i>Average</i>		<i>3484</i>	<i>42993</i>	<i>51</i>	<i>11.0</i>	<i>12.2</i>	<i>9.4</i>	<i>9.9</i>	<i>12.4</i>
<i>Overall test averages and statistics:</i>									
<i>Average</i>		<i>3482</i> ³	<i>42696</i> ⁴	<i>51</i>	<i>10.8</i> ⁵	<i>11.9</i>	<i>9.3</i>	<i>9.6</i>	<i>12.3</i>
<i>LSD at 10% Level</i>		<i>226</i>	<i>6471</i>	<i>3</i>	<i>0.8</i>	<i>1.8</i>	<i>1.6</i>	<i>1.1</i>	<i>1.6</i>
<i>Std. Err. of Entry Mean</i>		<i>95</i>	<i>267</i>	<i>1</i>	<i>0.3</i>	<i>0.8</i>	<i>0.7</i>	<i>0.5</i>	<i>0.7</i>

Summary of Evaluations of Corn Hybrids for Silage Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2011 (Continued)

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. CV = 3.8%, and df for EMS = 34.
4. CV = 8.8%, and df for EMS = 34.
5. CV = 12.2%, and df for EMS = 252.

Bolding indicates entries performing equally to highest performing entry within a column based on Fisher's protected LSD ($P = 0.10$).

Summary of Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2011

Company or Brand Name	Hybrid Name	Quality Factors ¹								Dry Matter Yield		
		Milk Production ²			Protein %	NDF %	ADF %	TDN %	NDFD ³ %	Ash %	Grain	
		DM lbs/ton	lbs/acre	tons/acre							Tifton	
Short -Season												
AgraTech	1777	3392	40776	7.5	36.9	19.0	74.3	75.6	3.4	50	11.9	
Dyna-Gro	57N73	3357	39378	7.3	37.7	20.3	73.5	72.6	4.0	54	11.7	
Dyna-Gro	D55Q80	3388	41069	7.4	37.0	19.7	73.9	75.6	4.0	52	12.1	
MC	MC-6580	3505	41447	7.7	39.5	20.1	73.6	74.7	4.0	53	11.8	
Mycogen	F2F 700	3659	37566	9.0	39.3	19.3	74.1	77.2	4.0	51	10.2	
Mycogen	TMF 2L872	3713	49544	8.2	44.8	23.6	71.3	73.8	4.4	46	13.4	
Pioneer	33F87(HX1 LL RR2)	3476	41288	8.2	38.1	20.0	73.7	75.3	4.3	56	11.8	
T. A. Seeds	TA765-00	3461	44489	7.2	38.6	20.1	73.6	72.8	3.8	51	12.9	
T. A. Seeds	TA780-13V	3329	40976	7.8	36.1	19.0	74.3	74.0	3.3	53	12.3	
<i>Average</i>		<i>3476</i>	<i>41837</i>	<i>7.8</i>	<i>38.7</i>	<i>20.1</i>	<i>73.6</i>	<i>74.6</i>	<i>3.9</i>	<i>52</i>	<i>12.0</i>	
Mid-Season												
AgraTech	993	3370	48191	7.4	43.3	22.3	72.2	69.7	3.9	43	14.3	
AgraTech	1022 RR	3609	45513	7.9	48.3	25.5	70.1	73.0	3.9	38	12.6	
AgraTech	999aRR	3568	43407	7.6	40.6	21.0	73.0	73.8	3.7	47	12.2	
Croplan Genetics	8221 VT3	3379	39399	7.3	37.7	20.3	73.5	74.3	4.0	47	11.7	
Croplan Genetics	851 VT3 PRO	3465	47324	7.0	39.7	21.2	72.9	74.3	4.1	53	13.7	
DeKalb	DKC67-21(GENVT3P)	3404	42481	8.0	38.2	19.8	73.8	72.9	4.4	55	12.6	
DeKalb	DKC67-88(GENVT3P)	3408	45257	7.8	39.5	20.6	73.2	71.3	3.7	54	13.3	
Dyna-Gro	D56VP24	3523	37428	6.5	40.9	22.6	71.9	75.0	4.7	51	10.6	
Dyna-Gro	D56VP69	3388	42342	7.4	39.6	21.2	72.9	71.4	4.1	53	12.4	
Dyna-Gro	D57GT60	3515	42612	8.6	39.2	20.5	73.4	73.4	4.9	54	12.1	
Dyna-Gro	D58VP30	3293	43393	7.1	37.3	20.0	73.7	72.8	3.9	53	13.2	
Golden Acres	27V01	3364	44020	7.8	36.9	19.9	73.8	74.1	3.8	57	13.1	
Greenwood	3280 RR	3493	41026	7.6	40.5	21.1	72.9	72.7	3.8	47	11.8	
Greenwood	GW 3515 RR	3442	41869	7.6	38.9	21.5	72.7	72.6	4.2	53	12.2	
MC	MC-590	3546	39337	7.5	37.9	20.3	73.5	74.9	3.3	53	11.1	
MC	MC-630	3521	44924	8.2	37.8	18.8	74.4	74.0	3.4	54	12.7	
Mycogen	TMF2H918RR	4003	40517	7.6	43.1	21.9	72.4	72.3	3.6	46	10.2	
Pioneer	31P42(HX1 LL RR2)	3547	44191	7.1	39.3	20.6	73.3	73.9	3.5	52	12.5	
Pioneer	31Y42(RR2)	3505	46958	7.9	38.5	19.9	73.7	75.6	4.5	53	13.4	
Pioneer	P2023HR	3432	50715	7.8	38.6	19.4	74.1	73.4	3.2	56	14.8	
Pioneer	P2088HR	3569	51036	7.6	37.9	20.3	73.5	76.4	4.7	56	14.3	
Southern States	SS 787 GENVT3PRO	3407	36487	7.6	48.4	26.9	69.1	74.2	5.1	54	10.7	
Southern States	SS 788 GENVT3PRO	3455	41824	8.1	38.9	20.4	73.4	73.9	4.0	54	12.1	
Southern States	SS 818 GENVT3PRO	3409	40101	7.2	39.6	21.2	72.9	72.5	3.5	50	11.7	
T. A. Seeds	TA778-28	3431	37234	7.3	39.9	21.3	72.8	72.5	3.8	50	10.8	
T. A. Seeds	TA790-19	3542	40238	8.1	39.6	21.0	73.0	75.0	4.7	53	11.4	
<i>Average</i>		<i>3484</i>	<i>42993</i>	<i>7.6</i>	<i>40.0</i>	<i>21.1</i>	<i>72.9</i>	<i>73.5</i>	<i>4.0</i>	<i>51</i>	<i>12.4</i>	
<i>Overall test averages and statistics:</i>												
<i>Average</i>		<i>3482</i> ⁴	<i>42696</i> ⁵	<i>7.7</i>	<i>39.7</i>	<i>20.9</i>	<i>73.1</i>	<i>73.8</i>	<i>4.0</i>	<i>51</i>	<i>12.3</i>	
<i>LSD at 10% Level</i>		<i>226</i>	<i>6471</i>	<i>N.S.</i> ⁶	<i>5.4</i>	<i>N.S.</i>	<i>N.S.</i>	<i>2.3</i>	<i>N.S.</i>	<i>3</i>	<i>1.6</i>	
<i>Std. Err. of Entry Mean</i>		<i>95</i>	<i>267</i>	<i>0.5</i>	<i>2.2</i>	<i>1.5</i>	<i>1.0</i>	<i>1.0</i>	<i>0.5</i>	<i>1</i>	<i>0.7</i>	

Summary of Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2011 (Continued)

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. NDFD: Percent dry matter disappearance/48 hours.
4. CV = 3.8%, and df for EMS = 34.
5. CV = 8.8%, and df for EMS = 34.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore an LSD value was not calculated.

Bolding indicates entries performing equally to highest performing entry within a column based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia: Evaluation of Corn Hybrids for Silage, 2011, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter %	Grain Portion %	Plant Population no.	2-Yr Avg
		Dry tons/acre	Green tons/acre				Dry Forage Yield tons/acre
<u>Short-Season</u>							
Mycogen	TMF 2L872	13.4	32.2	41.5	46	29621	.
T. A. Seeds	TA765-00	12.9	29.4	44.7	51	30928	.
T. A. Seeds	TA780-13V	12.3	26.0	47.9	53	29839	.
Dyna-Gro	D55Q80	12.1	25.9	46.5	52	29839	.
AgraTech	1777	11.9	24.8	49.0	50	28750	13.5
Pioneer	33F87(HX1 LL RR2)	11.8	24.8	47.9	56	30274	13.9
MC	MC-6580	11.8	25.5	46.4	53	29403	.
Dyna-Gro	57N73	11.7	26.0	45.9	54	30710	13.3
Mycogen	F2F 700	10.3	22.1	46.4	51	31364	.
<i>Average</i>		<i>12.0</i>	<i>26.3</i>	<i>46.2</i>	<i>52</i>	<i>30081</i>	<i>13.6</i>
<u>Mid-Season</u>							
Pioneer	P2023HR	14.8	31.4	47.4	56	33106	14.3
Pioneer	P2088HR	14.3	33.0	43.5	56	31363	.
AgraTech	993	14.3	30.0	49.6	43	29185	.
Croplan Genetics	851 VT3 PRO	13.7	29.1	47.2	53	27225	.
Pioneer	31Y42(RR2)	13.4	27.9	48.4	53	30710	14.3
DeKalb	DKC67-88(GENVT3P)	13.3	26.1	51.2	54	32235	14.0
Dyna-Gro	D58VP30	13.2	25.2	52.4	53	31146	.
Golden Acres	27V01	13.1	27.9	47.0	57	32017	12.7
MC	MC-630	12.8	29.9	42.8	54	29838	.
DeKalb	DKC67-21(GENVT3P)	12.6	24.3	52.7	55	30492	.
AgraTech	1022 RR	12.6	29.7	42.6	38	26858	.
Pioneer	31P42(HX1 LL RR2)	12.5	29.7	42.1	52	28532	13.1
Dyna-Gro	D56VP69	12.4	24.1	52.1	53	31145	.
AgraTech	999aRR	12.2	27.6	44.2	47	27879	13.3
Greenwood	GW 3515 RR	12.2	25.8	47.9	53	30710	12.9
Dyna-Gro	D57GT60	12.1	24.8	49.6	54	27878	.
Southern States	SS 788 GENVT3PRO	12.1	24.9	48.7	54	28968	.
Greenwood	3280 RR	11.8	22.3	52.8	47	32017	.
Southern States	SS 818 GENVT3PRO	11.7	25.0	47.3	50	30492	.
Croplan Genetics	8221 VT3	11.7	24.6	47.7	47	30710	.
T. A. Seeds	TA790-19	11.4	24.6	46.3	53	29403	.
MC	MC-590	11.1	26.4	42.5	53	29838	12.7
T. A. Seeds	TA778-28	10.8	22.4	49.3	50	30057	.
Southern States	SS 787 GENVT3PRO	10.7	22.2	48.6	54	30274	.
Dyna-Gro	D56VP24	10.6	22.5	47.6	51	31799	.
Mycogen	TMF2H918RR	10.2	29.7	34.3	46	33324	11.3
<i>Average</i>		<i>12.4</i>	<i>26.6</i>	<i>47.1</i>	<i>51</i>	<i>30277</i>	<i>13.2</i>
<i>Overall test averages and statistics:</i>							
<i>Average</i>		12.3	26.5	46.9	51	30226	13.3
<i>LSD at 10% Level</i>		1.6	3.8	4.5	3	2510	1.3
<i>Std. Err. of Entry Mean</i>		0.7	1.6	1.9	1	1034	0.8

Tifton, Georgia: Evaluation of Corn Hybrids for Silage, 2011, Irrigated (Continued)

1. CV = 10.9%, and df for EMS = 102.

2. CV = 12.8%, and df for EMS = 102.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD ($P = 0.10$).

Planted: March 24, 2011.

Harvested: July 20, 2011.

Seeding Rate: 33,500 seeds/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.8.

Fertilization: 68 lb N, 130 lb P_2O_5 , and 200 lb K_2O /acre as preplant; 227 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Disked, subsoiled and bedded; Razencane, Atrazine, Prowl and Accent used for weed control; Telone II used for nematode control; irrigated 18 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia: Evaluation of Corn Hybrids for Silage, 2011, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter %	Grain Portion %	Plant Population no.	2-Yr Avg Dry Forage Yield tons/acre
		Dry tons/acre	Green tons/acre				
<u>Short-Season</u>							
Dyna-Gro	D55Q80	9.8	19.5	50.3	47	32054	.
Dyna-Gro	57N73	9.2	19.9	46.6	45	32428	11.5
Pioneer	33F87(HX1 LL RR2)	8.9	18.5	48.1	47	32054	9.3
MC	MC-6580	8.4	17.2	48.9	45	31218	.
Mycogen	F2F 700	7.6	14.9	51.3	45	33396	.
<i>Average</i>		<i>8.8</i>	<i>18</i>	<i>49</i>	<i>46</i>	<i>32230</i>	<i>10.4</i>
<u>Mid-Season</u>							
Dyna-Gro	D56VP24	10.7	21.6	50.0	49	32176	.
Pioneer	P2023HR	10.5	21.2	49.7	51	31327	11.5
DeKalb	DKC67-88(GENV3P)	10.5	22.2	47.1	45	34414	11.7
Croplan Genetics	8221 VT3	10.4	21.6	48.2	40	31702	.
Pioneer	P2088HR	10.4	24.2	43.2	47	31994	.
Golden Acres	27V01	10.4	22.5	46.5	50	33667	11.4
AgraTech	993	10.3	22.6	45.8	41	33396	.
Croplan Genetics	851 VT3 PRO	10.2	20.6	49.6	49	33263	.
Greenwood	3280 RR	10.1	19.9	50.9	41	33154	.
AgraTech	999aRR	10.0	20.3	49.3	45	29524	10.8
Dyna-Gro	D56VP69	10.0	19.6	51.2	43	32186	.
Dyna-Gro	D58VP30	10.0	20.8	48.0	46	32670	.
Mycogen	TMF2H918RR	9.9	20.7	48.2	43	29795	11.4
MC	MC-590	9.5	19.5	48.6	48	31218	11.3
Pioneer	31P42(HX1 LL RR2)	9.5	19.9	47.8	43	30250	10.5
DeKalb	DKC67-21(GENV3P)	9.3	20.5	45.7	44	32428	.
Greenwood	GW 3515 RR	9.2	20.2	46.2	47	32428	10.2
Dyna-Gro	D57GT60	8.9	17.2	52.2	43	30492	.
Southern States	SS 787 GENVT3PRO	8.9	15.7	56.4	45	33359	.
Southern States	SS 818 GENVT3PRO	8.6	18.5	46.6	43	31944	.
<i>Average</i>		<i>9.9</i>	<i>20.5</i>	<i>48.6</i>	<i>45</i>	<i>32069</i>	<i>11.1</i>
<i>Overall test averages and statistics:</i>							
<i>Average</i>		9.6 ¹	20.0 ²	48.7	45	32101	11.0
<i>LSD at 10% Level</i>		1.1	2.2	2.9	5	2202	1.3
<i>Std. Err. of Entry Mean</i>		0.5	0.9	1.2	2	934	0.5

1. CV = 9.8%, and df for EMS = 72.

2. CV = 9.2%, and df for EMS = 72.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 11, 2011.

Harvested: August 18, 2011.

Seeding Rate: 34,500 seeds/acre in 30" rows.

Soil Type: Pacolet sandy loam.

Soil Test: P = Medium, K = High, and pH = 5.9.

Fertilization: 75 lb N, 150 lb P₂O₅, and 225 lb K₂O/acre as preplant; 200 lb N/acre as sidedress.

Previous Crop: Wheat.

Management: Moldboard plowed, disked and rototilled; Lasso, Atrazine and one cultivation used for weed control; irrigated 11 inches.

Test conducted by J. Gasset and G. Ware.

Calhoun, Georgia: Evaluation of Corn Hybrids for Silage, 2011, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter %	Grain Portion %	Plant Population no.	2-Yr Avg
		Dry tons/acre	Green tons/acre				Dry Forage Yield tons/acre
<u>Short-Season</u>							
Dyna-Gro	57N73	9.6	22.1	44.4	47	28533	9.2
Dyna-Gro	D55Q80	9.0	17.2	53.3	51	29791	.
Pioneer	33F87(HX1 LL RR2)	8.7	18.3	47.4	51	27879	8.3
Mycogen	F2F 700	8.5	16.9	50.6	45	29621	.
MC	MC-6580	7.9	18.9	41.6	49	26136	.
<i>Average</i>		8.7	18.7	47.5	49	58392	8.8
<u>Mid-Season</u>							
Dyna-Gro	D58VP30	11.2	21.6	52.0	51	27968	.
Pioneer	P2023HR	11.1	21.3	52.4	44	27225	10.8
Pioneer	31P42(HX1 LL RR2)	10.3	22.5	45.7	45	26136	9.9
AgraTech	999aRR	10.2	21.4	48.3	43	26354	10.0
Croplan Genetics	8221 VT3	10.0	24.9	40.8	44	28968	.
Greenwood	3280 RR	9.9	21.6	46.3	42	28805	.
Southern States	SS 787 GENVT3PRO	9.8	17.1	57.8	51	30553	.
Croplan Genetics	851 VT3 PRO	9.7	18.0	54.9	50	29391	.
Pioneer	P2088HR	9.6	18.4	52.5	48	26016	.
Mycogen	TMF2H918RR	9.5	20.2	46.9	42	25919	10.0
Dyna-Gro	D56VP24	9.3	16.3	57.9	53	27443	.
AgraTech	993	9.3	22.1	42.7	38	28314	.
Dyna-Gro	D57GT60	9.1	17.8	51.8	50	27177	.
Southern States	SS 818 GENVT3PRO	9.1	19.4	47.0	44	25483	.
DeKalb	DKC67-88(GENVT3P)	8.7	17.2	51.6	48	28532	9.2
DeKalb	DKC67-21(GENVT3P)	8.6	15.1	57.3	49	28095	.
Golden Acres	27V01	8.5	19.3	44.2	50	26790	8.5
Greenwood	GW 3515 RR	8.3	19.1	43.3	51	27225	7.7
MC	MC-590	8.2	16.0	52.1	52	28750	8.5
Dyna-Gro	D56VP69	8.1	13.5	60.8	52	24394	.
<i>Average</i>		9.4	19.1	50.3	47	27477	9.3
<i>Overall test averages and statistics:</i>							
<i>Average</i>		9.3 ¹	19.0 ²	49.7	48	27660	9.2
<i>LSD at 10% Level</i>		1.6	4.0	6.2	3	2732	1.1
<i>Std. Err. of Entry Mean</i>		0.7	1.7	2.7	1	1159	0.5

1. CV = 15.1%, and df for EMS = 72.

2. CV = 17.8%, and df for EMS = 72.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 26, 2011.

Harvested: August 23, 2011.

Seeding Rate: 31,000 seeds/acre in 30" rows.

Soil Type: Rome gravelly clay loam.

Soil Test: P = Very High, K = High, and pH = 6.0.

Fertilization: 124 lb N, 104 lb P₂O₅, and 280 lb K₂O/acre as preplant; 200 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled, moldboard plowed, disked and rototilled; Callisto, Accent and one cultivation used for weed control; irrigated 11 inches.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Blairsville, Georgia: Evaluation of Corn Hybrids for Silage, 2011, Nonirrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
<u>Short-Season</u>							
Pioneer	33F87(HX1 LL RR2)	12.6	29.1	43.4	50	.	11.7
MC	MC-6580	11.9	32.0	36.9	54	.	.
Dyna-Gro	57N73	11.3	31.7	35.9	52	.	10.9
Dyna-Gro	D55Q80	10.2	31.5	32.1	50	.	.
Mycogen	F2F 700	9.7	22.5	42.9	52	.	.
<i>Average</i>		<i>11.1</i>	<i>29.4</i>	<i>28.2</i>	<i>52</i>	.	<i>11.3</i>
<u>Mid-Season</u>							
Pioneer	P2023HR	14.2	40.5	35.2	51	.	13.3
DeKalb	DKC67-88(GENVT3P)	13.9	30.9	45.0	50	.	12.7
Southern States	SS 818 GENVT3PRO	13.9	32.3	43.2	46	.	.
Pioneer	P2088HR	13.4	40.4	33.4	50	.	.
AgraTech	993	13.1	34.6	37.8	40	.	.
DeKalb	DKC67-21(GENVT3P)	13.0	28.5	45.8	53	.	.
Pioneer	31P42(HX1 LL RR2)	12.9	32.1	40.1	50	.	12.0
Greenwood	3280 RR	12.9	30.3	42.3	50	.	.
AgraTech	999aRR	12.1	31.6	38.3	43	.	11.8
Mycogen	TMF2H918RR	12.0	35.2	34.2	44	.	12.0
MC	MC-590	12.0	31.1	39.3	51	.	11.1
Dyna-Gro	D56VP24	11.7	29.5	39.4	56	.	.
Southern States	SS 787 GENVT3PRO	11.6	30.5	38.3	51	.	.
Greenwood	GW 3515 RR	10.8	31.2	34.8	52	.	9.9
Golden Acres	27V01	10.7	30.9	35.0	56	.	10.4
Croplan Genetics	8221 VT3	10.7	30.5	35.4	49	.	.
Croplan Genetics	851 VT3 PRO	8.1	29.3	28.1	52	.	.
<i>Average</i>		<i>12.2</i>	<i>32.3</i>	<i>38.0</i>	<i>50</i>	.	<i>11.6</i>
<i>Overall test averages and statistics:</i>							
<i>Average</i>		11.9 ¹	31.6 ²	38.0	50	.	11.6
<i>LSD at 10% Level</i>		1.8	3.2	5.6	4	.	1.0
<i>Std. Err. of Entry Mean</i>		0.8	1.3	2.4	2	.	0.4

1. CV = 12.8%, and df for EMS = 63.

2. CV = 8.5%, and df for EMS = 63.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: May 3, 2011.

Harvested: September 14, 2011.

Population: Plots thinned to 33,000 plants/acre in 30" rows.

Soil Type: Suches loam.

Soil Test: P = High, K = High, and pH = 6.4.

Fertilization: 100 lb N, 87 lb P₂O₅, and 59 lb K₂O/acre as preplant; 136 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Moldboard plowed, disked and rototilled; Dual II Magnum, Accent, Callisto and two cultivations used for weed control.

Test conducted by J. Gasset, G. Ware and H. Garrett.