

# Silage Test Results

## Summary of Evaluations of Corn Hybrids for Silage Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2016

Company or Brand Name	Hybrid Name	Quality Factors <sup>1</sup>			Dry Matter Yield				
		Milk Production <sup>2</sup>		Grain Portion %	Statewide Average	Blairsville	Calhoun	Griffin	Tifton
		lbs/ton DM	lbs/acre						
<b>Mid-Season</b>									
AgraTech	1023VIP	3606	<b>52647</b>	41	.	.	.	.	14.8
AgraTech	903VIP	3829	<b>52647</b>	57	<b>12.1</b>	11.9	11.3	11.9	13.4
AgraTech	908VIP	3731	<b>52647</b>	59	.	.	.	.	9.2
AgraTech	999VIP	<b>4008</b>	40309	45	.	.	.	.	10.0
Augusta Seed	A7667GT3110	3575	44511	55	.	.	.	.	12.1
Augusta Seed	A7668GT3110	3865	46571	54	.	.	.	.	12.4
Augusta Seed	A7766VT2PRO	3722	42424	56	.	.	.	.	11.3
Augusta Seed	A7768GT3110	3635	47396	53	11.6	11.5	12.1	10.3	12.7
Augusta Seed	A7769GT3110	3731	45354	55	.	.	.	.	12.5
Croplan Genetics	7927 VT3P	3821	45272	51	11.8	12.0	11.7	11.9	11.5
Croplan Genetics	8621 VT2P	3672	43280	55	<b>12.1</b>	12.1	12.7	11.3	12.1
Croplan Genetics	8750 RH	<b>3922</b>	<b>49974</b>	52	11.8	10.7	11.4	12.6	12.5
DeKalb	DKC68-26 GENVT2P	3715	43434	55	<b>12.1</b>	12.4	12.9	11.8	12.1
DeKalb	DKC70-01 RR2	3851	46811	50	11.8	10.8	12.0	12.3	12.0
DeKalb	RX940RR2	3890	43560	49	<b>11.9</b>	13.2	11.5	11.8	11.2
Dyna-Gro	CX 16118	3777	36574	59	.	.	.	10.3	9.8
Dyna-Gro	D58QC72	3887	43283	52	.	11.4	.	11.2	11.2
MC	EXP685P	3755	<b>49558</b>	48	.	.	.	.	12.7
MC	MCT-6733	3772	<b>48848</b>	55	11.5	11.5	12.5	9.4	12.5
MC	MCT-6753	3769	39378	52	.	.	11.5	.	9.8
Mycogen	TMF17L86	<b>4031</b>	46957	46	11.1	10.3	11.2	11.1	11.8
Pioneer	P1739YHR	3802	39535	52	10.9	11.2	11.6	11.3	10.9
Pioneer	P1794VYHR	3798	<b>49724</b>	54	<b>12.5</b>	13.8	10.5	12.8	12.9
Pioneer	P1916YHR	3883	37280	50	10.3	9.8	11.4	10.3	10.5
Syngenta NK	N83D-3000GT	3872	43168	52	.	.	.	.	11.1
T. A. Seeds	TA784-13VPRIB	3676	<b>48545</b>	53	11.7	12.4	12.8	10.0	11.8
T. A. Seeds	TA805-22DPRIB	3785	40878	58	.	.	.	11.5	11.2
T. A. Seeds	TA787-30	3879	45745	53	.	.	.	12.0	11.4
Terral Seed	REV@28HR20™ Brand	3849	<b>50418</b>	51	.	10.9	.	11.4	12.8
Winfield	S5900 VT2P	3776	<b>50425</b>	48	<b>12.3</b>	12.9	11.7	11.5	13.2
<i>Average</i>		3796	44928	52	11.7	11.7	11.8	11.3	11.8

## Summary of Evaluations of Corn Hybrids for Silage Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2016 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors <sup>1</sup>			Dry Matter Yield				
		Milk Production <sup>2</sup>		Grain Portion %	Statewide Average	Blairsville	Calhoun	Griffin	Tifton
		lbs/ton DM	lbs/acre						
<b>Short -Season</b>									
Augusta Seed	A9074GT3110	3653	<b>48554</b>	39	.	.	.	.	13.1
Dyna-Gro	D55GT73	3815	<b>51499</b>	52	.	.	.	9.3	13.6
MC	EXP640P	3906	42177	52	.	.	.	.	11.0
MC	MCT-6363	3733	37143	57	.	.	11.1	.	9.5
MC	MCT-6583	3816	43156	52	10.0	9.6	9.9	9.8	10.5
Mycogen	BMR14B96	3986	37670	47	9.1	8.3	9.7	9.0	9.5
Mycogen	BMR15B15	4004	35453	45	10.3	10.5	11.7	10.8	8.1
Mycogen	TMF14L46	3757	<b>49965</b>	47	.	11.9	11.5	.	12.7
Pioneer	P1197YHR	3834	45238	57	10.6	10.3	10.5	10.4	11.1
Syngenta	N76A-3000A	3763	46268	57	11.6	10.4	12.9	10.8	12.3
T. A. Seeds	TA780-22DPRIB	3840	41473	54	10.4	10.7	11.2	9.6	10.1
Terral Seed	REV@23BHR55™ Brand	4008	44648	55	.	11.2	.	9.6	11.6
Terral Seed	REV@25BHR26™ Brand	3854	<b>49035</b>	54	.	11.7	.	12.0	12.0
<i>Average</i>		<i>3844</i>	<i>44022</i>	<i>5134</i>	<i>10.3</i>	<i>10.5</i>	<i>11.1</i>	<i>10.1</i>	<i>11.2</i>
<i>Overall test statistics:</i>									
Average		3811 <sup>3</sup>	44654 <sup>4</sup>	52	11.3 <sup>5</sup>	11.3	11.4	11	11.6
LSD at 10% Level		131	4522	3	0.6	1.3	1.5	1.3	1.0
Std. Err. of Entry Mean		55	1901	1	0.3	0.6	0.6	0.5	0.4

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 = 2.0%, and df for EMS = 42.

4. CV = 6.0%, and df for EMS = 42.

5. CV = 9.8%, and df for EMS = 240.

**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, 2016

Company or Brand Name	Hybrid Name	Quality Factors <sup>1</sup>									Dry Matter Yield	
		Milk Production <sup>2</sup>		Protein %	NDF %	ADF %	Starch %	TDN %	NDF48 <sup>3</sup> %	Ash %	Grain	
		DM lbs/ton	lbs/acre								Portion %	Tifton tons/acre
<b>Mid-Season</b>												
AgraTech	1023VIP	3606	<b>52647</b>	8.1	48.8	28.2	28.1	70.9	75	5.7	41	<b>14.8</b>
AgraTech	903VIP	3829	<b>49398</b>	8.8	39.0	21.5	39.0	73.6	85	5.4	57	13.4
AgraTech	908VIP	3731	36580	8.8	37.9	21.2	38.9	72.2	88	5.7	59	9.2
AgraTech	999VIP	<b>4008</b>	40309	8.7	44.2	25.0	30.7	75.9	85	5.6	45	10.0
Augusta Seed	A7667GT3110	3575	44511	9.0	39.5	21.4	37.8	70.0	86	5.1	55	12.1
Augusta Seed	A7668GT3110	3865	46571	8.7	39.5	22.1	38.1	74.1	84	5.5	54	12.4
Augusta Seed	A7766VT2PRO	3722	42424	8.6	39.4	22.2	38.1	72.2	83	5.4	56	11.3
Augusta Seed	A7768GT3110	3635	47396	8.8	44.9	25.7	31.0	70.8	82	6.2	53	12.7
Augusta Seed	A7769GT3110	3731	45354	8.5	40.2	22.7	37.8	72.1	86	5.6	55	12.5
Croplan Genetics	7927 VT3P	3821	45272	8.3	40.1	22.8	36.7	73.4	85	5.5	51	11.5
Croplan Genetics	8621 VT2P	3672	43280	8.5	39.6	21.9	37.3	71.4	85	5.2	55	12.1
Croplan Genetics	8750 RH	<b>3922</b>	<b>49974</b>	8.5	41.3	22.7	36.0	74.6	87	5.3	52	12.5
DeKalb	DKC68-26 GENVT2P	3715	43434	8.3	40.4	22.9	37.0	72.0	84	5.5	55	12.1
DeKalb	DKC70-01 RR2	3851	46811	8.4	44.2	24.9	32.1	74.0	81	5.3	50	12.0
DeKalb	RX940RR2	3890	43560	8.9	45.9	25.8	30.3	74.3	82	5.4	49	11.2
Dyna-Gro	CX 16118	3777	36574	8.5	38.7	21.2	39.8	73.0	83	5.0	59	9.8
Dyna-Gro	D58QC72	3887	43283	8.7	42.4	23.8	34.4	74.5	82	5.5	52	11.2
MC	EXP685P	3755	<b>49558</b>	8.2	48.5	28.2	25.9	72.4	81	6.0	48	12.7
MC	MCT-6733	3772	<b>48848</b>	8.7	39.3	21.7	37.5	72.7	87	5.4	55	12.5
MC	MCT-6753	3769	39378	8.6	41.2	22.8	36.0	72.7	85	5.4	52	9.8
Mycogen	TMF17L86	<b>4031</b>	46957	8.0	44.4	25.0	32.9	76.3	83	5.1	46	11.8
Pioneer	P1739YHR	3802	39535	8.4	42.7	24.1	34.5	73.3	82	5.2	52	10.9
Pioneer	P1794VYHR	3798	<b>49724</b>	8.5	41.1	22.7	36.7	73.1	84	5.0	54	12.9
Pioneer	P1916YHR	3883	37280	8.4	47.1	27.1	28.0	74.3	81	5.5	50	10.5
Syngenta NK	N83D-3000GT	3872	43168	8.4	41.7	23.3	35.1	74.1	84	5.2	52	11.1
T. A. Seeds	TA784-13VPRIB	3676	<b>48545</b>	8.4	40.0	22.7	36.2	71.4	85	5.6	53	11.8
T. A. Seeds	TA805-22DPRIB	3785	40878	8.7	37.2	20.3	41.7	73.0	85	5.2	58	11.2
T. A. Seeds	TA787-30	3879	45745	8.6	42.5	23.8	34.0	74.1	85	5.6	53	11.4
Terral Seed	REV@28HR20™ Brand	3849	<b>50418</b>	8.7	43.8	25.1	32.5	73.7	84	5.5	51	12.8
Winfield	S5900 VT2P	3776	<b>50425</b>	8.8	43.1	24.3	33.0	72.8	84	5.4	48	13.2
<i>Average</i>		3796	44928	8.6	42.0	23.6	34.9	73.1	83.8	5.4	52	11.8

## Summary of Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2016 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors <sup>1</sup>									Dry Matter Yield	
		Milk Production <sup>2</sup>		Protein %	NDF %	ADF %	Starch %	TDN %	NDF48 <sup>3</sup> %	Ash %	Grain	
		DM lbs/ton	lbs/acre								Portion %	Tifton tons/acre
<b>Short-Season</b>												
Augusta Seed	A9074GT3110	3653	<b>48554</b>	8.1	52.0	30.4	23.1	71.3	76	5.9	39	13.1
Dyna-Gro	D55GT73	3815	<b>51499</b>	8.1	44.1	25.4	31.7	73.3	83	5.7	52	13.6
MC	EXP640P	<b>3906</b>	42177	8.0	38.3	21.5	38.9	74.5	88	5.3	52	11.0
MC	MCT-6363	3733	37143	8.3	38.3	21.9	39.3	72.2	85	5.5	57	9.5
MC	MCT-6583	3816	43156	8.3	43.5	24.9	32.2	73.3	84	5.7	52	10.5
Mycogen	BMR14B96	<b>3986</b>	37670	9.2	42.5	24.1	32.4	75.1	92	6.1	47	9.5
Mycogen	BMR15B15	<b>4004</b>	35453	8.5	43.7	24.7	32.2	75.4	92	5.1	45	8.1
Mycogen	TMF14L46	3757	<b>49965</b>	7.9	43.8	25.1	32.9	72.5	82	5.4	47	12.7
Pioneer	P1197YHR	3834	45238	8.8	38.0	20.9	39.4	73.5	89	5.3	57	11.1
Syngenta	N76A-3000A	3763	46268	7.9	34.2	18.8	44.9	72.5	91	5.2	57	12.3
T. A. Seeds	TA780-22DPRIB	3840	41473	8.1	41.8	23.9	35.3	73.6	85	5.6	54	10.1
Terral Seed	REV@23BHR55™ Brand	<b>4008</b>	44648	8.6	36.6	20.1	41.2	76.0	88	5.1	55	11.6
Terral Seed	REV@25BHR26™ Brand	3854	<b>49035</b>	8.4	45.1	25.6	30.8	73.8	83	5.4	54	12.0
<i>Average</i>		<i>3844</i>	<i>44021</i>	<i>8.3</i>	<i>41.7</i>	<i>23.6</i>	<i>35.0</i>	<i>73.6</i>	<i>86</i>	<i>5.5</i>	<i>51</i>	<i>11.2</i>
<i>Overall Test Statistics:</i>												
Average		3811 <sup>4</sup>	44654 <sup>5</sup>	8.5	41.9	23.6	34.9	73.3	84	5.5	52	11.6
LSD at 10% Level		131	4522	0.5	3.9	2.7	4.9	1.8	3	0.4	3	1.0
Std. Err. of Entry Mean		55	1901	0.2	1.6	1.1	2.0	0.7	1.4	0.2	1	0.4

- Quality factors taken from the replicated silage trial at Tifton.
- 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.
- NDF48: Percent dry matter disappearance/48 hours.
- CV = 2.0%, and df for EMS = 42.
- CV = 6.0%, and df for EMS = 42.

**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, 2016, 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				
<b>Mid-Season</b>							
AgraTech	1023VIP	<b>14.8</b>	<b>41.5</b>	35.6	41	34195	.
AgraTech	903VIP	13.4	33.6	39.7	57	33324	<b>12.8</b>
Winfield	S5900 VT2P	13.3	35.9	37.0	48	34630	.
Pioneer	P1794VYHR	12.9	32.7	39.5	54	34630	<b>13.4</b>
Terral Seed	REV@28HR20™ Brand	12.8	35.2	36.4	51	34848	.
MC	EXP685P	12.7	34.6	36.9	48	34195	.
Augusta Seed	A7768GT3110	12.7	32.9	38.7	53	34848	.
Augusta Seed	A7769GT3110	12.5	31.9	39.4	55	32452	.
Croplan Genetics	8750 RH	12.5	34.2	36.5	52	34848	<b>13.5</b>
MC	MCT-6733	12.5	32.1	38.9	55	34848	12.4
Augusta Seed	A7668GT3110	12.4	31.8	39.0	54	33541	.
DeKalb	DKC68-26 GENVT2P	12.1	31.1	38.8	55	34848	.
Augusta Seed	A7667GT3110	12.1	28.9	42.0	55	32888	.
Croplan Genetics	8621 VT2P	12.1	29.8	40.7	55	34848	12.5
DeKalb	DKC70-01 RR2	12.0	33.3	36.0	50	34413	11.8
T. A. Seeds	TA784-13VPRIB	11.8	30.6	38.2	53	31145	12.6
Mycogen	TMF17L86	11.8	35.7	33.0	46	33541	.
Croplan Genetics	7927 VT3P	11.5	30.2	38.0	51	32452	<b>12.7</b>
T. A. Seeds	X19032	11.4	30.9	37.0	53	34848	.
Augusta Seed	A7766VT2PRO	11.3	30.6	37.1	56	33977	.
DeKalb	RX940RR2	11.2	30.9	36.2	49	33541	.
T. A. Seeds	TA805-22DPRIB	11.2	29.7	37.8	58	33759	12.0
Dyna-Gro	D58QC72	11.2	30.6	36.5	52	33977	11.2
Syngenta NK	N83D-3000GT	11.1	29.6	37.5	52	34630	11.8
Pioneer	P1739YHR	10.9	28.9	37.6	52	33106	.
Pioneer	P1916YHR	10.5	28.1	37.5	50	29621	11.3
AgraTech	999VIP	10.0	29.4	34.3	45	30057	11.2
MC	MCT-6753	9.9	26.3	37.4	52	31363	11.2
Dyna-Gro	CX 16118	9.9	24.8	39.7	59	32670	.
AgraTech	908VIP	9.2	23.4	39.3	59	28314	.
<i>Average</i>		<i>11.8</i>	<i>31.3</i>	<i>37.7</i>	<i>52</i>	<i>33345</i>	<i>12.2</i>

**Tifton, Georgia:**  
**Evaluation of Corn Hybrids for Silage, 2016, Irrigated**  
**(Continued)**

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter %	Grain Portion %	Plant Population no.	2-Yr Avg Dry Forage tons/acre
		Dry ---- tons/acre ----	Green				
<b>Short-Season</b>							
Dyna-Gro	D55GT73	13.6	36.4	37.4	52	34195	<b>12.9</b>
Augusta Seed	A9074GT3110	13.1	36.8	35.5	39	32452	.
Mycogen	TMF14L46	12.7	32.6	38.9	47	32888	.
Syngenta	N76A-3000A	12.3	29.7	41.4	57	33759	.
Terral Seed	REV@25BHR26™ Brand	12.0	32.2	37.3	54	32888	.
Terral Seed	REV@23BHR55™ Brand	11.6	31.3	37.0	55	32017	.
Pioneer	P1197YHR	11.1	29.6	37.6	57	34195	.
MC	EXP640P	11.0	28.5	38.6	52	33977	.
MC	MCT-6583	10.5	28.0	37.6	52	30274	.
T. A. Seeds	TA780-22DPRIB	10.2	27.4	37.0	54	32017	11.1
MC	MCT-6363	9.5	23.1	41.0	57	34630	.
Mycogen	BMR14B96	9.5	24.3	39.1	47	34848	.
Mycogen	BMR15B15	8.2	20.7	39.5	45	34413	.
<i>Average</i>		11.2	29.3	38.3	51	33273	12.0
<i>Overall test statistics:</i>							
Average		11.6 <sup>1</sup>	30.7 <sup>2</sup>	37.9	52	33323	12.1
LSD at 10% Level		1.0	2.5	2.1	3	1820	0.8
Std. Err. of Entry Mean		0.4	1.0	0.9	1	777	0.4

1. CV = 7.2%, and df for EMS = 126.

2. CV = 6.9%, and df for EMS = 126.

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

Planted: March 23, 2016.

Harvested: July 19, 2016.

Seeding Rate: 35,000 seeds per acre in 30-inch rows.

Soil Type: Tifton loamy sand.

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

Fertilization: 125 lb N, 156 lb P<sub>2</sub>O<sub>5</sub>, and 290 lb K<sub>2</sub>O/acre as preplant; 260 lb N/acre as sidedress.

Previous Crop: Peanuts.

Management: Disked, subsoiled/bedded, and rototilled; Atrazine, Zidua, Warrant, Accent and Basagran used for weed control; Telone II used for nematode control; irrigated 16 inches.

Test conducted by R. Brooke, D. Dunn, B. McCranie, and G. South.

## Griffin, Georgia: Evaluation of Corn Hybrids for Silage, 2016, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry tons/acre	Green tons/acre				
<b>Mid-Season</b>							
Pioneer	P1794VYHR	<b>12.8</b>	25.5	50.3	49	30734	<b>12.9</b>
Croplan Genetics	8750 RH	<b>12.7</b>	<b>28.2</b>	45.2	50	35332	<b>12.2</b>
DeKalb	DKC70-01 RR2	<b>12.3</b>	26.7	46.3	47	32428	<b>12.8</b>
T. A. Seeds	X19032	<b>12.0</b>	<b>27.3</b>	44.0	51	34606	.
Croplan Genetics	7927 VT3P	<b>11.9</b>	<b>27.6</b>	43.5	49	33396	<b>12.9</b>
AgraTech	903VIP	<b>11.9</b>	25.7	46.5	53	32186	.
DeKalb	RX940RR2	<b>11.8</b>	26.3	44.9	46	31944	.
DeKalb	DKC68-26 GENVT2P	<b>11.8</b>	24.9	47.9	51	33638	.
Winfield	S5900 VT2P	<b>11.6</b>	<b>30.4</b>	38.2	47	33154	.
T. A. Seeds	TA805-22DPRIB	<b>11.5</b>	24.4	47.4	51	32186	<b>11.8</b>
Terral Seed	REV@28HR20™ Brand	11.4	24.8	46.4	47	30654	.
Croplan Genetics	8621 VT2P	11.3	25.2	44.9	51	32186	<b>12.0</b>
Pioneer	P1739YHR	11.3	24.8	45.4	52	32670	.
Dyna-Gro	D58QC72	11.3	24.7	45.6	50	29524	<b>11.8</b>
Mycogen	TMF17L86	11.2	<b>27.8</b>	40.1	41	34122	.
Pioneer	P1916YHR	10.3	23.1	45.4	53	29282	<b>11.6</b>
Dyna-Gro	CX 16118	10.3	22.7	46.6	54	30250	.
Augusta Seed	A7768GT3110	10.3	23.2	44.4	52	32912	.
T. A. Seeds	TA784-13VPRIB	10.0	24.7	40.7	48	27830	<b>11.1</b>
MC	MCT-6733	9.4	21.0	45.1	53	32428	.
<i>Average</i>		<i>11.4</i>	<i>25.5</i>	<i>44.9</i>	<i>50</i>	<i>32073</i>	<i>12.1</i>
<b>Short-Season</b>							
Terral Seed	REV@25BHR26™ Brand	<b>12.0</b>	<b>27.9</b>	43.5	53	30734	.
Mycogen	BMR15B15	10.8	22.8	47.6	42	36300	.
Syngenta	N76A-3000A	10.8	23.7	45.6	54	30976	.
Pioneer	P1197YHR	10.4	21.5	48.3	53	33798	.
MC	MCT-6583	9.8	22.2	44.5	53	30330	.
T. A. Seeds	TA780-22DPRIB	9.6	23.6	40.4	53	31702	<b>10.4</b>
Terral Seed	REV@23BHR55™ Brand	9.6	21.9	43.7	57	30008	.
Dyna-Gro	D55GT73	9.3	21.1	44.1	50	27104	<b>10.9</b>
Mycogen	BMR14B96	9.0	19.5	46.0	40	32428	.
<i>Average</i>		<i>10.1</i>	<i>22.7</i>	<i>44.9</i>	<i>51</i>	<i>31487</i>	<i>10.7</i>
<i>Overall test statistics:</i>							
Average		11.0 <sup>1</sup>	24.6 <sup>2</sup>	44.9	50	32250	11.8
LSD at 10% Level		1.3	3.1	4.5	3	3019	N.S. <sup>3</sup>
Std. Err. of Entry Mean		0.5	1.3	1.9	1	1284	0.5

## Griffin, Georgia: Evaluation of Corn Hybrids for Silage, 2016, Irrigated (Continued)

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1. CV = 10.0%, and df for EMS = 84.
2. CV = 10.9%, and df for EMS = 84.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Planted: March 30, 2016.

Harvested: August 8, 2016.

Seeding Rate: 35,500 seeds per acre in 30-inch rows.

Soil Type: Cecil clay loam.

Soil Test: P = Medium, K = High, and pH = 6.3.

Fertilization: 85 lb N, 170 lb P<sub>2</sub>O<sub>5</sub>, and 255 lb K<sub>2</sub>O/acre as preplant; 240 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Subsoiled, disked, and rototilled; Atrazine, Zidua, and Callisto used for weed control; irrigated 9.5 inches.

Test conducted by H. Jordan, G. Ware, and T. Dunn.



## Calhoun, Georgia: Evaluation of Corn Hybrids for Silage, 2016, 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				
<b>Mid-Season</b>							
DeKalb	DKC68-26 GENVT2P	<b>12.9</b>	<b>24.8</b>	52.1	49	32388	.
T. A. Seeds	TA784-13VPRIB	<b>12.8</b>	<b>25.8</b>	50.3	50	29928	<b>11.4</b>
Croplan Genetics	8621 VT2P	<b>12.7</b>	<b>24.3</b>	54.1	51	33208	<b>12.0</b>
MC	MCT-6733	<b>12.5</b>	<b>23.9</b>	53.2	53	31773	<b>11.5</b>
Augusta Seed	A7768GT3110	<b>12.1</b>	<b>23.7</b>	50.9	52	33618	.
DeKalb	DKC70-01 RR2	<b>12.0</b>	<b>26.0</b>	46.7	47	32183	<b>11.2</b>
Winfield	S5900 VT2P	<b>11.7</b>	<b>23.8</b>	49.0	44	31978	.
Croplan Genetics	7927 VT3P	<b>11.7</b>	<b>24.7</b>	47.6	49	32593	<b>10.8</b>
Pioneer	P1739YHR	<b>11.6</b>	22.4	52.1	54	31773	.
MC	MCT-6753	<b>11.5</b>	22.6	51.3	54	32593	<b>9.8</b>
DeKalb	RX940RR2	<b>11.5</b>	23.3	49.2	44	33618	.
Pioneer	P1916YHR	<b>11.4</b>	21.3	54.2	52	30953	<b>10.2</b>
Croplan Genetics	8750 RH	<b>11.4</b>	22.2	51.5	45	33618	<b>10.6</b>
AgraTech	903VIP	11.3	22.0	51.5	52	33208	.
Mycogen	TMF17L86	11.2	21.0	53.5	37	32388	.
Pioneer	P1794VYHR	10.5	19.9	52.5	49	31978	<b>10.6</b>
<i>Average</i>		<i>11.8</i>	<i>23.2</i>	<i>51.2</i>	<i>49</i>	<i>32362</i>	<i>10.9</i>
<b>Short-Season</b>							
Syngenta	N76A-3000A	<b>12.9</b>	<b>23.8</b>	54.4	50	31978	.
Mycogen	BMR15B15	<b>11.7</b>	22.8	51.8	38	33618	.
Mycogen	TMF14L46	<b>11.5</b>	23.0	49.7	44	30748	.
T. A. Seeds	TA780-22DPRIB	11.2	20.1	56.9	49	33003	<b>9.9</b>
MC	MCT-6363	11.1	21.2	52.5	53	33413	.
Pioneer	P1197YHR	10.5	21.1	50.6	54	33413	.
MC	MCT-6583	9.9	21.0	47.4	48	31773	.
Mycogen	BMR14B96	9.7	17.1	57.0	40	33618	.
<i>Average</i>		<i>11.1</i>	<i>21.3</i>	<i>52.5</i>	<i>47</i>	<i>32696</i>	<i>9.9</i>
<i>Overall test statistics:</i>							
Average		11.4 <sup>1</sup>	22.6 <sup>2</sup>	51.7	48	32473	10.8
LSD at 10% Level		1.5	2.6	5.0	4	1896	N.S. <sup>3</sup>
Std. Err. of Entry Mean		0.6	1.1	2.1	2	804	0.5

## Calhoun, Georgia: Evaluation of Corn Hybrids for Silage, 2016, Irrigated (Continued)

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1. CV = 10.8%, and df for EMS = 69.
2. CV = 9.6%, and df for EMS = 69.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Planted: April 20, 2016.  
Harvested: August 25, 2016.  
Seeding Rate: 34,000 seeds per acre in 30-inch rows.  
Soil Type: Waynesboro laom.  
Soil Test: P = Very High, K = High, and pH = 6.6.  
Fertilization: 76 lb N, 22 lb P<sub>2</sub>O<sub>5</sub>, and 96 lb K<sub>2</sub>O/acre as preplant; 267 lb N/acre as sidedress.  
Previous Crop: Soybeans.  
Management: Moldboard plowed, disked, and rototilled; Atrazine, Callisto, Zidua and one cultivation used for weed control; applied 1.5 ton lime/acre; irrigation 12 inches.

Test conducted by H. Jordan, G. Ware, J. Stubbs, and T. Dunn.

## Blairsville, Georgia: Evaluation of Corn Hybrids for Silage, 2016, Nonirrigated

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				
<b>Mid-Season</b>							
Pioneer	P1794VYHR	13.8	27.0	51.4	54	33396	13.5
DeKalb	RX940RR2	13.2	28.0	46.9	44	33638	.
Winfield	S5900 VT2P	12.9	33.3	38.9	51	33880	.
DeKalb	DKC68-26 GENVT2P	12.4	24.9	50.0	55	32670	.
T. A. Seeds	TA784-13VPRIB	12.4	22.2	55.8	51	32912	12.5
Croplan Genetics	8621 VT2P	12.1	24.7	49.0	53	33880	13.9
Croplan Genetics	7927 VT3P	12.0	22.4	53.7	48	31944	12.1
AgraTech	903VIP	12.0	22.4	53.1	54	31944	12.3
Augusta Seed	A7768GT3110	11.5	25.9	44.4	53	32912	.
MC	MCT-6733	11.5	25.1	45.7	56	33396	.
Dyna-Gro	D58QC72	11.4	25.2	45.3	52	32912	.
Pioneer	P1739YHR	11.3	19.5	57.8	55	31460	.
Terral Seed	REV@28HR20™ Brand	10.9	23.9	45.6	49	33154	.
DeKalb	DKC70-01 RR2	10.8	26.9	40.5	49	33638	12.2
Croplan Genetics	8750 RH	10.7	22.8	47.6	51	33154	12.0
Mycogen	TMF17L86	10.4	20.5	50.3	42	30250	.
Pioneer	P1916YHR	9.8	21.0	46.7	50	30492	11.3
<i>Average</i>		11.7	24.4	48.4	51	32684	12.5
<b>Short-Season</b>							
Mycogen	TMF14L46	11.9	27.2	44.0	49	33154	.
Terral Seed	REV@25BHR26™ Brand	11.7	23.0	51.0	55	31702	.
Terral Seed	REV@23BHR55™ Brand	11.2	23.2	48.5	55	32186	.
T. A. Seeds	TA780-22DPRIB	10.7	20.4	52.5	55	33396	9.9
Mycogen	BMR15B15	10.5	22.6	47.0	45	32912	.
Syngenta	N76A-3000A	10.4	21.7	47.9	53	31944	.
Pioneer	P1197YHR	10.3	20.3	51.0	57	32428	.
MC	MCT-6583	9.7	22.2	43.6	54	32186	.
Mycogen	BMR14B96	8.3	13.6	61.4	47	33396	.
<i>Average</i>		10.5	21.6	49.7	52	32589	9.9
<i>Overall test statistics:</i>							
Average		11.3 <sup>1</sup>	23.4 <sup>2</sup>	48.8	51	32651	12.2
LSD at 10% Level		1.3	2.1	4.2	3	N.S. <sup>3</sup>	N.S.
Std. Err. of Entry Mean		0.6	0.9	1.8	1	853	0.5

## Blairsville, Georgia: Evaluation of Corn Hybrids for Silage, 2016, Nonirrigated (Continued)

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1. CV = 10.0%, and df for EMS = 75.
2. CV = 7.7%, and df for EMS = 75.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Planted: May 5, 2016.  
Harvested: September 14, 2016.  
Seeding Rate: 34,000 seeds per acre in 30-inch rows.  
Soil Type: Suches loam.  
Soil Test: P = High, K = Very High, and pH = 5.9.  
Fertilization: 75 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 80 lb K<sub>2</sub>O/acre as preplant; 184 lb N/acre as sidedress.  
Previous Crop: Soybeans.  
Management: Moldboard plowed and disked; Anthem ATZ used for weed control; applied 1.6 ton lime/acre.

Test conducted by H. Jordan, G. Ware, and T. Dunn.