

# Silage Test Results

## Statewide Summary: Corn Silage Performance, Georgia, 2018

Company or Brand Name	Hybrid Name	Dry Matter Yield				
		Statewide	Tifton	Athens	Calhoun	Blairsville
		----- tons/acre -----				
AgraTech	1024VIP	.	<b>14.8</b>	.	.	.
AgraTech	1778VIP	.	<b>15.1</b>	.	.	.
AgraTech	749VT2P	.	13.9	.	.	.
AgraTech	909VIP	.	12.9	.	.	.
Augusta	1165 VT2PRO	.	13.8	.	<b>11.2</b>	.
Augusta	1367 3220GT	.	13.9	.	<b>12.0</b>	.
Augusta	7768 (7767-3110GT)	.	14.0	.	10.6	.
Croplan	S5700VT2P	.	14.1	.	.	.
Croplan	S5900VT2P	.	13.9	.	.	.
DEKALB	DKC66-29 TRE	<b>12.3</b>	13.9	<b>11.4</b>	<b>11.2</b>	<b>12.5</b>
DEKALB	DKC67-99 TRE	10.4	13.0	<b>9.5</b>	8.9	10.5
DEKALB	DKC68-69 GENVT2P	<b>11.4</b>	12.3	<b>11.6</b>	10.7	11.1
DEKALB	DKC69-16 GENSS	<b>12.1</b>	13.9	<b>10.1</b>	<b>12.3</b>	12.1
Dyna-Gro	D55GT73	.	<b>15.9</b>	.	.	.
Dyna-Gro	D55QC73	.	13.9	.	.	.
Dyna-Gro	D55VC45	.	12.8	.	.	.
Dyna-Gro	D58QC72	.	13.7	.	.	.
Dyna-Gro	D58VC65	.	12.7	.	.	.
Masters Choice	MCT6552	.	12.4	.	.	.
Masters Choice	MCT6653	.	12.5	.	.	.
Masters Choice	MCT6733	.	12.6	.	.	.
Pioneer	P1662YHR	<b>11.6</b>	14.0	<b>10.7</b>	10.3	11.4
Pioneer	P1847VYHR	<b>12.1</b>	<b>14.7</b>	<b>10.5</b>	<b>11.0</b>	12.2
Pioneer	P1870YHR	<b>11.2</b>	13.4	<b>10.4</b>	10.4	10.7
Syngenta	NK1573-3010	.	12.3	.	.	.
Syngenta	NK1694-3111	.	13.2	.	.	.
Syngenta	NK1808-3111	.	<b>14.5</b>	.	.	.
Terral Seed	REV14L46	<b>11.6</b>	13.8	<b>10.1</b>	10.9	11.6
Terral Seed	REV14R77	.	11.0	.	.	.
Terral Seed	REV15H86	.	.	<b>11.3</b>	10.7	10.1
Terral Seed	REV25BHR26	.	14.4	<b>9.9</b>	.	.
Terral Seed	REV25BHR89	.	13.8	<b>10.1</b>	.	.
Terral Seed	REV27F95PWE	<b>12.2</b>	14.0	<b>12.1</b>	9.1	<b>13.7</b>
Terral Seed	REV28BHR18	.	14.3	<b>9.8</b>	.	.
Average		11.7 <sup>1</sup>	13.6	10.6	10.7	11.6
LSD at 10% Level		1.1	1.5	NS	1.3	1.4
Std. Err. of Entry Mean		0.5	0.6	0.8	0.5	0.6

1. CV = 16.2%, and df for EMS = 117.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

**Bolded** yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

## Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2018

Company or Brand Name	Hybrid Name	Quality Factors <sup>1</sup>				Dry Yield Components					
		TDN <sup>2</sup>	NE <sub>L</sub> <sup>3</sup>	Calculated Milk		Crude Protein	Fat	Starch	NDF <sup>5</sup>	ADF <sup>6</sup>	NDFD48 <sup>7</sup>
		%	Mcal/lb	lb/ton <sup>4</sup>	lb/acre	%	%	%	%	%	% NDF
AgraTech	1024VIP	68.1	0.65	<b>2787</b>	<b>32330</b>	8.6	5.0	23.0	49.3	32.4	57.5
AgraTech	1778VIP	68.5	0.66	<b>2845</b>	<b>35157</b>	9.1	5.2	31.0	41.9	28.8	56.0
AgraTech	749VT2P	67.3	0.65	<b>3030</b>	<b>32884</b>	7.8	4.5	46.0	34.5	25.0	52.3
AgraTech	909VIP	66.8	0.65	<b>2733</b>	<b>33320</b>	8.3	4.7	36.9	41.0	28.6	53.6
Augusta	1165 VT2PRO	68.3	0.66	<b>2756</b>	<b>34914</b>	8.1	4.9	42.7	35.7	24.8	54.1
Augusta	1367 3220GT	66.8	0.64	<b>2753</b>	<b>32904</b>	8.0	4.4	34.3	42.6	29.5	54.7
Augusta	7768 (7767-3110GT)	66.0	0.64	<b>2916</b>	<b>35581</b>	7.9	4.3	43.5	36.3	25.1	51.5
Croplan	S5700VT2P	67.5	0.65	<b>2785</b>	<b>35641</b>	9.0	4.8	37.7	37.0	26.4	52.7
Croplan	S5900VT2P	66.6	0.65	<b>2613</b>	<b>31100</b>	8.3	5.0	33.9	41.3	29.7	50.7
DEKALB	DKC66-29 TRE	67.0	0.65	<b>2807</b>	<b>31204</b>	7.7	4.8	40.2	38.0	27.2	52.4
DEKALB	DKC67-99 TRE	69.5	0.68	<b>2828</b>	<b>31675</b>	8.8	5.5	43.3	33.8	23.6	54.5
DEKALB	DKC68-69 GENVT2P	67.9	0.66	<b>2830</b>	<b>34602</b>	9.2	5.1	35.6	38.8	26.0	54.5
DEKALB	DKC69-16 GENSS	66.3	0.64	<b>2868</b>	<b>34966</b>	7.9	4.7	37.7	39.6	28.0	51.8
Dyna-Gro	D55GT73	66.9	0.65	<b>2790</b>	<b>32495</b>	8.4	4.8	36.9	40.2	27.4	53.6
Dyna-Gro	D55QC73	66.4	0.64	<b>2813</b>	<b>33761</b>	8.2	4.5	40.1	37.8	26.4	51.9
Dyna-Gro	D55VC45	65.3	0.63	<b>2813</b>	<b>32499</b>	8.2	4.4	39.8	39.3	27.6	51.3
Dyna-Gro	D58QC72	65.8	0.63	<b>2765</b>	<b>34409</b>	8.5	4.3	39.5	38.1	26.4	52.4
Dyna-Gro	D58VC65	68.1	0.66	<b>2796</b>	<b>36349</b>	8.0	5.2	40.8	37.5	26.9	53.0
Masters Choice	MCT6552	67.9	0.66	<b>2760</b>	<b>32419</b>	9.7	4.8	42.9	34.1	23.2	54.0
Masters Choice	MCT6653	66.2	0.63	<b>2819</b>	<b>34017</b>	8.6	4.5	29.3	44.1	30.0	54.7
Masters Choice	MCT6733	66.7	0.65	<b>2793</b>	<b>35688</b>	8.3	4.5	39.4	38.6	26.6	52.9
Pioneer	P1662YHR	67.5	0.66	<b>2862</b>	<b>31844</b>	8.2	4.9	42.8	36.1	25.4	51.9
Pioneer	P1847VYHR	67.9	0.66	<b>2764</b>	<b>31778</b>	8.9	5.3	35.1	39.6	27.5	53.4
Pioneer	P1870YHR	68.1	0.66	<b>2766</b>	<b>34710</b>	8.6	4.9	40.9	36.9	26.0	54.2
Syngenta	NK1573-3010	66.5	0.64	<b>2805</b>	<b>31679</b>	9.0	4.6	37.8	39.1	26.6	53.3
Syngenta	NK1694-3111	65.6	0.63	<b>2789</b>	<b>32313</b>	7.6	4.5	38.6	40.5	28.7	51.9
Syngenta	NK1808-3111	66.6	0.64	<b>2813</b>	<b>36995</b>	8.6	4.3	38.0	39.4	27.4	53.4
Terral Seed	REV14L46	65.4	0.62	<b>2641</b>	<b>33348</b>	8.6	3.8	32.1	44.7	29.6	55.6
Terral Seed	REV14R77	66.5	0.64	<b>2890</b>	<b>33093</b>	8.3	4.2	43.2	36.6	26.3	52.9
Terral Seed	REV25BHR26	67.6	0.66	<b>2822</b>	<b>31967</b>	8.2	5.0	50.0	32.3	23.9	50.8
Terral Seed	REV25BHR89	67.2	0.65	<b>2900</b>	<b>31561</b>	8.8	4.9	40.4	37.5	25.9	53.1
Terral Seed	REV27F95PWE	64.7	0.63	<b>2535</b>	<b>30613</b>	8.0	4.0	46.0	36.9	25.3	50.3
Terral Seed	REV28BHR18	66.5	0.64	<b>2868</b>	<b>30555</b>	9.2	4.6	37.0	39.3	26.7	53.1
Average		67.0	0.65	2799 <sup>8</sup>	33284 <sup>9</sup>	8.4	4.7	38.7	38.7	26.9	53.1
LSD at 10% Level		NS	NS	NS	NS	NS	0.6	8.1	5.1	3.0	NS
Std. Err. of Entry Mean		0.7	0.01	55	1446	0.3	0.2	2.4	1.5	0.9	0.9

## Quality Factors of Corn Hybrids for Silage Tifton, Georgia, 2018 (Continued)

---

1. Calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2006 model.
2. Total digestible nutrient: a measure of energy value expressed as a percentage of dry matter.
3. Net Energy for Lactation: an estimate of energy value.
4. Pounds of milk per dry ton of forage.
5. Neutral detergent fiber: a measure of total fiber components expressed as a percentage of dry matter.
6. Acid detergent fiber: a measure of cellulose and lignin portions of total fiber as a percentage of dry matter.
7. Digestibility of neutral detergent fiber component after 48-hours expressed as a percentage of NDF.
8. CV = 3.9%, and df for EMS = 32.
9. CV = 8.7%, and df for EMS = 32.

"NS" indicates differences are statistically non-significant ( $p = 0.10$  probability level).

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

## Elemental Analysis of Corn Hybrids for Silage Tifton, Georgia, 2018

Company or Brand Name	Hybrid Name	Dry Yield Components							
		Ash <sup>1</sup>	P	K	Ca	Mg	Na	Cl	S
		%	%	%	%	%	%	%	%
AgraTech	1024VIP	4.9	0.37	2.9	0.53	0.31	0.03	0.45	0.14
AgraTech	1778VIP	4.8	0.41	3.0	0.59	0.32	0.03	0.38	0.13
AgraTech	749VT2P	3.4	0.38	2.5	0.48	0.26	0.01	0.25	0.11
AgraTech	909VIP	3.9	0.40	2.7	0.48	0.30	0.02	0.31	0.12
Augusta	1165 VT2PRO	3.6	0.39	2.6	0.51	0.29	0.01	0.30	0.11
Augusta	1367 3220GT	4.0	0.39	2.7	0.47	0.29	0.02	0.33	0.11
Augusta	7768 (7767-3110GT)	3.9	0.34	2.2	0.42	0.23	0.01	0.35	0.11
Croplan	S5700VT2P	4.3	0.39	2.6	0.53	0.28	0.02	0.30	0.12
Croplan	S5900VT2P	3.9	0.38	2.5	0.50	0.27	0.03	0.33	0.12
DEKALB	DKC66-29 TRE	3.8	0.38	2.5	0.47	0.26	0.02	0.34	0.12
DEKALB	DKC67-99 TRE	3.9	0.42	2.9	0.59	0.29	0.02	0.35	0.13
DEKALB	DKC68-69 GENVT2P	4.8	0.40	2.8	0.55	0.29	0.03	0.37	0.13
DEKALB	DKC69-16 GENSS	4.0	0.37	2.6	0.47	0.27	0.02	0.32	0.12
Dyna-Gro	D55GT73	4.4	0.35	2.6	0.51	0.26	0.02	0.36	0.12
Dyna-Gro	D55QC73	4.0	0.37	2.5	0.48	0.27	0.01	0.27	0.11
Dyna-Gro	D55VC45	4.1	0.38	2.5	0.47	0.26	0.02	0.32	0.12
Dyna-Gro	D58QC72	4.5	0.37	2.5	0.47	0.25	0.02	0.38	0.12
Dyna-Gro	D58VC65	3.5	0.38	2.6	0.52	0.27	0.02	0.33	0.12
Masters Choice	MCT6552	4.4	0.39	2.7	0.56	0.28	0.02	0.32	0.12
Masters Choice	MCT6653	5.3	0.36	2.8	0.50	0.27	0.03	0.43	0.14
Masters Choice	MCT6733	3.9	0.39	2.6	0.50	0.29	0.01	0.31	0.11
Pioneer	P1662YHR	3.4	0.39	2.5	0.45	0.27	0.01	0.31	0.11
Pioneer	P1847VYHR	4.5	0.39	2.9	0.54	0.28	0.03	0.41	0.13
Pioneer	P1870YHR	3.8	0.40	2.7	0.49	0.27	0.02	0.34	0.12
Syngenta	NK1573-3010	4.4	0.38	2.6	0.51	0.27	0.02	0.35	0.12
Syngenta	NK1694-3111	4.1	0.38	2.6	0.48	0.27	0.02	0.37	0.12
Syngenta	NK1808-3111	4.1	0.38	2.6	0.51	0.28	0.02	0.32	0.12
Terral Seed	REV14L46	4.8	0.39	2.7	0.44	0.28	0.02	0.33	0.12
Terral Seed	REV14R77	3.7	0.40	2.6	0.45	0.26	0.01	0.30	0.11
Terral Seed	REV25BHR26	2.9	0.40	2.6	0.52	0.29	0.01	0.24	0.11
Terral Seed	REV25BHR89	4.2	0.38	2.7	0.55	0.28	0.02	0.36	0.12
Terral Seed	REV27F95PWE	3.5	0.35	2.1	0.41	0.24	0.01	0.34	0.11
Terral Seed	REV28BHR18	4.6	0.38	2.6	0.48	0.26	0.02	0.38	0.13
Average		4.1	0.38	2.6	0.50	0.27	0.02	0.34	0.12
LSD at 10% Level		1.0	0.03	0.3	0.07	0.03	NS	0.08	NS
Std. Err. of Entry Mean		0.3	0.01	0.1	0.02	0.01	0.00	0.02	0.00

1. Total mineral content, including all columns listed to the right.

"NS" indicates differences are statistically non-significant ( $p = 0.10$  probability level).

**Tifton, Georgia:**  
**Evaluation of Corn Hybrids for Silage, 2018, Irrigated**

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Dry Matter %	Grain Portion %	Plant Pop. no.	2-Yr Avg
			Dry tons/acre	Green <sup>1</sup> tons/acre				Dry Forage Yield tons/acre
Dyna-Gro	D55GT73	115	<b>15.9</b>	<b>45.3</b>	45.0	54	36726	<b>14.5</b>
AgraTech	1778VIP	114	<b>15.1</b>	<b>43.1</b>	43.6	47	37367	.
AgraTech	1024VIP	125	<b>14.8</b>	<b>42.4</b>	41.4	40	37153	.
Pioneer	P1847VYHR	118	<b>14.7</b>	<b>42.1</b>	45.8	54	36299	.
Syngenta	NK1808-3111	118	<b>14.5</b>	<b>41.2</b>	43.7	52	36086	.
Terral Seed	REV25BHR26	115	<b>14.4</b>	<b>41.1</b>	48.1	58	35232	<b>13.5</b>
Terral Seed	REV28BHR18	118	14.3	40.7	46.2	55	36726	13.0
Croplan	S5700VT2P	117	14.1	40.2	48.3	54	36299	.
Augusta	7768 (7767-3110GT)	118	14.0	40.0	43.7	56	34805	.
Terral Seed	REV27F95PWE	117	14.0	39.9	47.3	57	35659	.
Pioneer	P1662YHR	112	14.0	39.9	47.0	55	35872	13.0
DEKALB	DKC66-29 TRE	116	13.9	39.8	49.3	54	36726	.
DEKALB	DKC69-16 GENSS	119	13.9	39.8	47.9	56	35232	.
Croplan	S5900VT2P	119	13.9	39.8	45.3	45	35872	13.2
AgraTech	749VT2P	120	13.9	39.8	48.7	59	37794	.
Dyna-Gro	D55QC73	115	13.9	39.6	43.2	52	36940	.
Augusta	1367 3220GT	117	13.9	39.6	47.5	51	36513	.
Terral Seed	REV14L46	114	13.8	39.5	48.0	45	36513	.
Augusta	1165 VT2PRO	115	13.8	39.3	47.5	53	36299	13.0
Terral Seed	REV25BHR89	115	13.8	39.3	47.9	54	34805	.
Dyna-Gro	D58QC72	118	13.7	39.1	45.7	52	36299	<b>13.7</b>
Pioneer	P1870YHR	112	13.4	38.2	46.9	55	35018	12.4
Syngenta	NK1694-3111	116	13.2	37.6	46.7	51	34805	.
DEKALB	DKC67-99 TRE	117	13.0	37.1	46.6	54	35232	.
AgraTech	909VIP	118	12.9	36.8	43.3	44	34591	.
Dyna-Gro	D55VC45	115	12.8	36.5	48.4	51	36940	12.5
Dyna-Gro	D58VC65	118	12.7	36.2	49.4	53	35872	.
Masters Choice	MCT6733	117	12.6	36.0	51.2	53	36940	11.5
Masters Choice	MCT6653	116	12.5	35.7	45.1	52	35018	12.9
Masters Choice	MCT6552	115	12.4	35.4	43.9	56	35872	.
DEKALB	DKC68-69 GENVT2P	118	12.3	35.2	46.1	53	36513	.
Syngenta	NK1573-3010	115	12.3	35.2	46.5	51	37153	.
Terral Seed	REV14R77	114	11.0	31.3	46.5	52	32456	.
Average			13.6 <sup>2</sup>	38.9	46.4	52	35988	13.0
LSD at 10% Level			1.5	4.2	0.9	6	1815	1.2
Std. Err. of Entry Mean			0.6	1.8	0.4	2	773	0.5

## Tifton, Georgia: Evaluation of Corn Hybrids for Silage, 2018, Irrigated (Continued)

---

1. Green yields are standardized to 35% dry matter.
2. CV = 9.1%, and df for EMS = 96.

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Planted: March 29, 2018.

Harvested: July 24, 2018, with 2,737 Growing Degree Units accumulated.

Seeding Rate: 39,289 seeds per acre in 36-inch rows.

Soil Type: Tifton loamy sand.

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

Fertilization: 125 lb N, 210 lb P<sub>2</sub>O<sub>5</sub>, and 300 lb K<sub>2</sub>O/acre as preplant; 240 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Conventional tillage; Atrazine, Zidua, Warrant, and Basagran used for weed control; Telone II used for nematode control; irrigated 8.0 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield and D. Dunn.

## Athens, Georgia: Evaluation of Corn Hybrids for Silage, 2018, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Dry Matter %	Grain Portion %	Plant Pop. no.	2-Yr Avg
			Dry tons/acre	Green <sup>1</sup> tons/acre				Dry Forage Yield tons/acre
Terral Seed	REV27F95PWE	117	<b>12.1</b>	<b>34.6</b>	40.2	49	34359	.
DEKALB	DKC68-69 GENVT2P	118	<b>11.6</b>	<b>33.1</b>	42.4	52	32546	.
DEKALB	DKC66-29 TRE	116	<b>11.4</b>	<b>32.5</b>	42.0	57	33064	.
Terral Seed	REV15H86	115	<b>11.3</b>	<b>32.4</b>	45.4	54	33247	.
Pioneer	P1662YHR	112	<b>10.7</b>	<b>30.5</b>	41.0	55	34292	<b>9.6</b>
Pioneer	P1847VYHR	118	<b>10.5</b>	<b>30.0</b>	39.4	55	32931	.
Pioneer	P1870YHR	112	<b>10.4</b>	<b>29.6</b>	39.3	60	31862	<b>9.8</b>
Terral Seed	REV25BHR89	115	<b>10.1</b>	<b>28.9</b>	40.0	61	31015	.
Terral Seed	REV14L46	114	<b>10.1</b>	<b>28.9</b>	39.7	48	32409	.
DEKALB	DKC69-16 GENSS	119	<b>10.1</b>	<b>28.8</b>	37.5	56	32409	.
Terral Seed	REV25BHR26	115	<b>9.9</b>	<b>28.1</b>	37.2	58	33628	<b>9.5</b>
Terral Seed	REV28BHR18	118	<b>9.8</b>	<b>28.0</b>	39.9	56	29795	<b>9.3</b>
DEKALB	DKC67-99 TRE	117	<b>9.5</b>	<b>27.1</b>	38.5	58	31145	.
Average			10.6 <sup>2</sup>	30.2	40.2	55	32515	9.6
LSD at 10% Level			NS	NS	2.3	3	NS	NS
Std. Err. of Entry Mean			0.8	2.2	0.9	1	1299	0.6

1. Green yields are standardized to 35% dry matter.

2. CV = 14.4%, and df for EMS = 36.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

**Bolded** yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: April 2, 2018.

Harvested: July 30, 2018, with 2,608 Growing Degree Units accumulated.

Seeding Rate: 36,240 seeds per acre in 30-inch rows.

Soil Type: Cecil gravelly sandy loam.

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

Fertilization: 30 lb N, 143 lb P<sub>2</sub>O<sub>5</sub>, and 165 lb K<sub>2</sub>O/acre as preplant; 300 lb N/acre as sidedress; 1000 lb dolomitic lime/acre.

Previous Crop: Rye.

Management: Strip-tilled; Atrazine, Zidua, and Accent Q used for weed control; irrigated 12.5 inches.

Test conducted by H. Jordan, G. Ware, B. Weldy, J. Cartey, C. Fox, J. Griffin, and K. Roach.

## Calhoun, Georgia: Evaluation of Corn Hybrids for Silage, 2018, Irrigated

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Dry Matter %	Grain Portion %	Plant Pop. no.	2-Yr Avg Dry Forage Yield <sup>2</sup> tons/acre
			Dry tons/acre	Green <sup>1</sup> tons/acre				
DEKALB	DKC69-16 GENSS	119	<b>12.3</b>	<b>35.1</b>	35.0	37	33106	.
Augusta	1367 3220GT	117	<b>12.0</b>	<b>34.4</b>	35.6	41	33106	.
DEKALB	DKC66-29 TRE	116	<b>11.2</b>	<b>32.1</b>	38.1	40	34151	.
Augusta	1165 VT2PRO	115	<b>11.2</b>	<b>32.0</b>	36.1	38	32583	.
Pioneer	P1847VYHR	118	<b>11.0</b>	<b>31.5</b>	39.7	44	33803	.
Terral Seed	REV14L46	114	10.9	31.1	36.6	37	32931	.
DEKALB	DKC68-69 GENVT2P	118	10.7	30.7	41.0	44	32757	.
Terral Seed	REV15H86	115	10.7	30.7	42.2	45	33628	.
Augusta	7768 (7767-3110GT)	118	10.6	30.2	37.1	44	30840	.
Pioneer	P1870YHR	112	10.4	29.6	39.5	40	32409	.
Pioneer	P1662YHR	112	10.3	29.4	37.3	40	32409	.
Terral Seed	REV27F95PWE	117	9.1	26.1	43.7	45	31886	.
DEKALB	DKC67-99 TRE	117	8.9	25.4	35.2	39	32583	.
Average			10.7 <sup>3</sup>	30.6	38.2	41	32784	-
LSD at 10% Level			1.3	3.6	5.0	NS	NS	-
Std. Err. of Entry Mean			0.5	1.5	2.1	3	727	-

1. Green yields are standardized to 35% dry matter.

2. No Calhoun 2017 data was reported, therefore no 2-yr average available.

3. CV = 9.8%, and df for EMS = 36.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

**Bolded** yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: April 12, 2018.

Harvested: August 13, 2018, with 2,864 Growing Degree Units accumulated.

Seeding Rate: 36,240 seeds per acre in 30-inch rows.

Soil Type: Etowah and Wax loams.

Soil Test: P = High, K = High, and pH = 6.5.

Fertilization: 133 lb N, 150 lb P<sub>2</sub>O<sub>5</sub>, and 195 lb K<sub>2</sub>O/acre as preplant; 300 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Conventional tillage; Atrazine, Zidua, Callisto, and Option used for weed control; irrigated 5 inches.

Test conducted by H. Jordan, G. Ware, B. Weldy, M. Tucker, and T. Turnquist.



**Blairsville, Georgia:**  
**Evaluation of Corn Hybrids for Silage, 2018, Nonirrigated**

Company or Brand Name	Hybrid Name	Relative Maturity days	Forage Yield		Dry Matter %	Grain Portion %	Plant Pop. no.	2-Yr Avg
			Dry tons/acre	Green <sup>1</sup> tons/acre				Dry Forage Yield tons/acre
Terral Seed	REV27F95PWE	117	<b>13.7</b>	<b>39.3</b>	39.3	45	35197	.
DEKALB	DKC66-29 TRE	116	<b>12.5</b>	<b>35.8</b>	40.0	47	33454	.
Pioneer	P1847VYHR	118	12.2	34.8	35.9	48	35022	.
DEKALB	DKC69-16 GENSS	119	12.1	34.5	35.3	46	34151	.
Terral Seed	REV14L46	114	11.6	33.0	36.2	45	34848	<b>12.4</b>
Pioneer	P1662YHR	112	11.4	32.6	34.8	46	34674	<b>11.2</b>
DEKALB	DKC68-69 GENVT2P	118	11.1	31.6	38.5	50	34674	.
Pioneer	P1870YHR	112	10.7	30.5	36.3	45	34325	10.6
DEKALB	DKC67-99 TRE	117	10.5	29.9	36.6	48	34500	.
Terral Seed	REV15H86	115	10.1	28.8	38.4	46	35197	.
Average			11.6 <sup>2</sup>	33.1	37.1	47	34604	11.4
LSD at 10% Level			1.4	3.9	NS	NS	NS	1.3
Std. Err. of Entry Mean			0.6	1.6	1.7	1	904	0.5

1. Green yields are standardized to 35% dry matter.

2. CV = 9.8%, and df for EMS = 27.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

**Bolded** yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: May 3, 2018.

Harvested: September 5, 2018, with 2,787 Growing Degree Units accumulated.

Seeding Rate: 36,240 seeds per acre in 30-inch rows.

Soil Type: Suches loam.

Soil Test: P = High, K = V High, and pH = 6.2.

Fertilization: 130 lb N, 120 lb P<sub>2</sub>O<sub>5</sub>, and 180 lb K<sub>2</sub>O/acre as preplant; 276 lb N/acre as sidedress.

Previous Crop: Soybeans.

Management: Conventional tillage; Anthem ATZ used for weed control.

Test conducted by H. Jordan, G. Ware, B. Weldy, C. Graham, L. Lee, D. Patterson, and D. Rogers.