## SORGHUM FOR SILAGE

### Tifton, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011, Irrigated

<table>
<thead>
<tr>
<th>Company or Brand Name</th>
<th>Hybrid Name or Number</th>
<th>Forage Yields</th>
<th>Plant Height</th>
<th>Dry Matter</th>
<th>2-Yr. Avg</th>
<th>Disease</th>
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<td></td>
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### Ratoon or Regrowth Crop

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<th>Company or Brand Name</th>
<th>Hybrid Name or Number</th>
<th>Forage Yields</th>
<th>Plant Height</th>
<th>Dry Matter</th>
<th>2-Yr. Avg</th>
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Tifton, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011, Irrigated
(Continued)

1. Rated 1 = resistant to 5 = susceptible to foliar diseases.
2. CV = 14.9% and df for EMS = .42
3. CV = 12.6% and df for EMS = 42.
4. The F-test indicates no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
5. CV = 16.5% and df for EMS = 42.
6. CV = 16.0% and df for EMS = 42.

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

Planted: April 18, 2011.
Harvested: July 28, 2011.
Ratoon: December 6, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Tifton loamy sand.
Soil Test: P = High, K = Medium, and pH = 6.1.

Management: Disked, subsoiled and bedded; Atrazine 4L, Prowl and cultivated for weed control; Lorsban used for insect control; Telone II used for nematode control; irrigated 10 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.
# Griffin, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011

<table>
<thead>
<tr>
<th>Company or Brand Name</th>
<th>Hybrid Name or Number</th>
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<th>Forage Yields Green</th>
<th>Plant Height</th>
<th>Dry Matter</th>
<th>Dry Yield 2-Yr. Avg.</th>
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<td>--- tons/acre ---</td>
<td>--- in % --- tons/acre</td>
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### Average

- 3.5<sup>1</sup> 12.8<sup>2</sup> 68 28 4.4

### LSD at 10% Level

- 0.9 3.8 8 3 N.S.<sup>3</sup>
- Std. Err. of Entry Mean
- 0.4 1.6 3 1 0.5

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1. CV = 22.6% and df for EMS = 48.
2. CV = 25.0% and df for EMS = 48.
3. The F-test indicates no statistical differences at the alpha = .10 probability level; therefore, a 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 24, 2011.

Harvested: September 2011.

Seeding Rate: 150,000 seed/acre in 30” rows.

Soil Type: Pacolet coarse sandy loam.

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

Fertilization: Preplant: 50 lb N, 100 lb P<sub>2</sub>O<sub>5</sub>, and 150 lb K<sub>2</sub>O/acre. Sidedress: 100 lb N/acre.

Previous Crop: Wheat.

Management: Moldboard plowed, disked and rototilled; Dual Magnum used for weed control.

Test conducted by J. Gassett and G. Ware.