



College of Agricultural and Environmental Sciences  
*Department of Crop and Soil Sciences*

**MEMORANDUM TO:** Sorghum and Millet Seedsmen  
**FROM:** Daniel J. Mailhot  
**DATE:** January 29, 2019  
**SUBJECT:** Georgia's 2019 Sorghum and Summer Annuals Performance Trials

Attached are application materials for submitting entries in the 2019 Georgia Sorghum and Summer Annual Trials.

**General Information** - Entries will be planted in four-row bordered plots and replicated four times. Plots will consist of 36 inch rows, conventional-tilled (Tifton, Plains) and 30 inch rows, strip-tilled (Athens). The millet forage test at Athens will be un-bordered, and drilled at a 7-inch row spacing. Irrigation will only be applied if needed for germination or herbicide activation.

**Seed Treatment** – The Variety Testing Program in Georgia (OVT) requests seed be treated with a protectant (Screen or Concept) to allow herbicide flexibility if possible. Fungicide and insecticide seed treatment components may be utilized, but all seed treatments must be labeled.

### **Testing Options -**

Grain Trials – Tests may be entered based on geographic region and planting date.

Seeding rates of 80,000 seeds per acre will be used for all grain tests. Early plantings will be targeted at 60-65°F soil temperatures, while late plantings will simulate sorghum-after-wheat. Note that late plantings will experience more disease and sugarcane aphid pressure. Tests are bundled as follows:

- Early planting, Coastal Plain - 2 tests - Tifton and Plains
- Early planting, Piedmont - 1 test - Athens
- Late planting, Coastal Plain - 2 tests - Tifton and Plains
- Late planting, Piedmont - 1 test – Athens

Silage Trials - Silage trials will be conducted at Tifton and Athens and may be entered individually. We anticipate harvesting each test 1-2 times. We accept sorghum, sorghum x sudangrass, and sudangrass entries. Due to the large variation in growth habits, you may choose your own seeding rate. If you do not specify a rate, we will use 80,000 seeds/acre.

Forage Trials – Details are the same as for silage tests, with several exceptions. We anticipate harvesting 2-4 times, depending on regrowth. You may choose your own seeding rate, or use our default rate of 100,000 seeds/acre. Millet entries are also accepted, and will be planted separately due to herbicide sensitivities and/or soil temperatures. Millet entries will be tested at 500,000 seeds/acre.

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Insect and bird screening – This free test is provided by UGA and USDA entomologists. Unless you notify us otherwise, we will include all your submitted entries.

**Testing Fees** – The fee for the Georgia Sorghum Performance Trials is \$110 per entry per test. Invoices will be sent prior to planting. No refund will be issued in the event that a test is lost due to weather or other circumstances beyond the reasonable control of OVT.

**Deadlines** – Applications are due February 28, 2019. Please send seed as soon as possible, preferably no later than March 7<sup>th</sup>.

**Seed Required** - Send three (3) pounds of seed of each hybrid entered in the grain and silage trials and one (1) pound of each hybrid or variety entered in the forage trials.

**Shipping Instructions:**

**Mail entry forms and checks to:**

Daniel Mailhot  
University of Georgia - Griffin Campus  
Statewide Variety Testing  
1109 Experiment Street  
Griffin, GA 30223-1797

**SHIP SEED TO:**

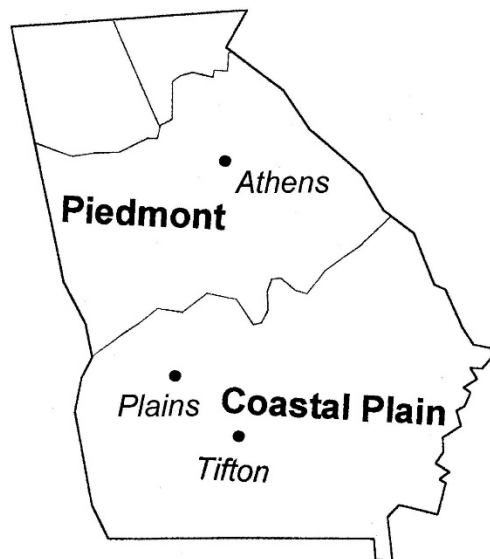
Daniel Mailhot  
University of Georgia – Griffin Campus  
Statewide Variety Testing  
**1655 GA 16 West**  
Griffin, GA 30223

If you have any questions or for some reason cannot send the seed by the specified date, please contact Statewide Variety Testing at phone 770-233-5500 or cell phone 678-572-3015, by fax to 770 228-7344, or by e-mail to [daniel.mailhot@uga.edu](mailto:daniel.mailhot@uga.edu). Thank you for your cooperation.

Information on the 2018 performance tests of agronomic crops in Georgia is available at our website [www.swvt.uga.edu](http://www.swvt.uga.edu).

Encl.  
DJM

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## GUIDELINES FOR THE GEORGIA STATEWIDE SORGHUM PERFORMANCE TRIALS

1. A fee will be assessed for each entry submitted by private companies for evaluation in each test. An invoice will be sent. Payment is due 30 days from the invoice date.
2. Entries submitted by public agencies, such as public universities or USDA, will not be charged a fee for inclusion in the trial(s).
3. Entry fees for tests lost due to weather or other circumstances beyond the reasonable control of OVT will not be refunded.
4. Do not submit any seed containing regulated, biotechnology traits.
5. Seed produced from the trials, as well as any excess planting seed, will be destroyed and/or combined with other entries' seed and disposed of as commodity grain.
6. Participants retain full rights to their intellectual property. Please send any desired Material Transfer Agreements (MTA's) to UGA Innovation Gateway Contracts Manager ([igcontracts@uga.edu](mailto:igcontracts@uga.edu).) MTA's are only valid if signed by an authorized representative of the UGA Research Foundation, Inc. Please allow adequate lead time if your application involves a MTA for submission of entries.
7. Results will be published in an annual report. Individual plot data is not provided to participants.
8. The Program Director, in concert with their Department Head, reserves the right to close a test due to a lack of entries or to limit the number of entries in any given test.