



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

**MEMORANDUM TO:** Sorghum and Millet Seedsmen  
**FROM:** Daniel J. Mailhot  
**DATE:** January 23, 2023  
**SUBJECT:** Georgia's 2023 Sorghum and Summer Annuals Performance Trials

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

**General Information** - Entries will be planted in four-row bordered plots (30 or 36-inch row spacing) or 7-row drilled plots (7-inch row spacing) depending on the test and location. Conventional or reduced tillage may be utilized. Irrigation may be applied for germination or herbicide activation, or to moderate the effect of drought.

**Seed Treatment** – The Variety Testing Program in Georgia (OVT) requests seed be treated with a protectant (Screen or Concept) to allow herbicide flexibility. Fungicide, insecticide and nematicide seed treatment components are permitted, but all seed treatments must be labeled for commercial use.

### **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 the late planting at Tifton will simulate sorghum-after-wheat. Note that late plantings typically experience more disease and sugarcane aphid pressure. Tests are bundled as follows:

- Early planting, 4 tests – Rome, Griffin, Plains and Tifton
- Late planting, Coastal Plain – 1 test –Tifton

Single-cut Trials – Trials targeting a soft-dough (Griffin) or end-of-season (Tifton) harvest for silage will be conducted. A seeding rate of 80,000 seeds/acre will be used, with 30 or 36-inch rows. We accept sorghum, sorghum x sudangrass, and sudangrass entries. Do not enter millets due to herbicide sensitivities. A yield quality analysis from the Griffin test is performed at Dairyland labs.

Multi-cut Trials – Trials are harvested 2-3 times to evaluate grazing or wilting and baling potential. A 30 or 36-inch row spacing is utilized. Sorghum and sorghum x sudangrass hybrids will be tested together at a 100,000 seeds/acre rate. Sudangrass and millet are tested together at 500,000 seeds/acre. Multi-cut trials are limited to the Tifton site. Quality samples are not collected.

- 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** – Fees for the Georgia Sorghum Performance Trials vary by test. The fee per entry per location is \$125 for grain, and \$200 for silage and multi-cut forage. Tests are bundled by planting window or type. Invoicing will be conducted from Griffin campus. 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 10, 2023. Please send seed as soon as possible, preferably no later than February 24<sup>th</sup>.

**Shipping Instructions** – Please choose the address based on your preferred shipper.

**FedEx or UPS (Preferred):**

Daniel Mailhot  
UGA-Variety Testing  
1655 GA 16 West  
Griffin, GA 30223-2091

**US Postal Service:**

Daniel Mailhot  
UGA-Redding Building  
1109 Experiment Street  
Griffin, GA 30223-1731

If you have any questions or for some reason cannot send the seed by the specified date, please contact Daniel at 678-572-3015, or by e-mail at [daniel.mailhot@uga.edu](mailto:daniel.mailhot@uga.edu). Thank you for your cooperation.

**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. Entry fees for tests lost due to weather or other circumstances beyond the reasonable control of OVT will not be refunded.
3. Do not submit any seed containing regulated or stewarded biotechnology traits.
4. 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.
5. 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.
6. Results will be published in an annual report. Individual plot data is not provided to participants.



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7. 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.