College of Agricultural and Environmental Sciences

Department of Crop and Soil Sciences

**MEMORANDUM**

**DATE:** August 15, 2019

**TO:** Small Grain Seedsmen

**FROM:** Dr. Daniel J. Mailhot

Program Director

UGA Variety Testing Program

**SUBJECT:** Georgia, Alabama and Florida 2019-2020 Winter Grain and Forage Performance Trials

Attached are application materials for submitting entries of wheat, oats, rye, triticale, barley and ryegrass to the Variety Testing Program in Georgia (OVT) for the 2019-2020 trial season.

**General Information** - Entries will drilled in 50 ft2 plots with a 7-inch row spacing and replicated 4 times in each test. Irrigation will only be applied if needed for germination or herbicide activation.

**Seed Treatment** – Fungicide and insecticide seed treatments are permitted. Both systemic and non-systemic materials are acceptable, but all seed treatments must be labeled.

**Recommended List** – Varieties are eligible for inclusion on the Recommended List for grain or forage after 2-3 consecutive years of data have been collected, assuming good yields and adequate disease and insect tolerance. To remain on the list, a variety should be retested a minimum of every 2 years and continue to show acceptable performance**.**

**Testing Options** -

Grain Trials – Trials are conducted on wheat, oats, rye, triticale and barley. Tests may be entered based on geographic region. The specific number of testing sites per region vary by crop, and are bundled as follows:

* + North Georgia
  + South Georgia

Dual-purpose Wheat Trials – Trials are offered at Calhoun (N. GA) and Headland (SE Alabama), and may be entered individually. Forage seeding rates and planting windows will be utilized. A single forage harvest will occur shortly before jointing. Plants will be allowed to regrow, and grain will be harvested.

Forage Trials – Trials are conducted on wheat, oats, rye, triticale and annual ryegrass. Tests may be entered individually, and include Calhoun, Athens, Plains, Tifton, Clanton (C. AL), Headland (SE AL), and Marianna (N. FL). We anticipate harvesting each test 3 times.

Late-planted Wheat Grain – These free tests are conducted at Plains and Tifton to simulate a delayed planting. Varieties are selected by the program director based on having early heading dates the prior year. If you do not want your variety to be considered for inclusion, please notify us.

Florida grain trials – These free tests are conducted at Citra (north central FL) and Quincy (N. FL). Unless you notify us otherwise, we will include all your submitted entries of wheat, oats and triticale.

Disease and insect evaluations – These free screenings will be conducted as opportunities permit.

**MEMORANDUM TO:** Small Grain Seedsmen Page Two

**FROM:** Dr. Daniel J. Mailhot

**DATE:** August 15, 2019

**Testing Fees** – The fee for the Winter Performance Trials is $150 per entry per test. Invoices will be sent after planting. No refund will be issued in the event that a test is lost due to weather or other [circumstances](https://www.lawinsider.com/clause/force-majeure) beyond the reasonable control of OVT.

**Deadlines** – Applications are due September 5, 2019. Please send seed as soon as possible,

preferably no later than September 12th (forages, dual-purpose wheat) or 19th (grain).

**Seed Required** ‑ Please send two (2) pounds/variety for each location/test entered for small grain species. For ryegrass, please send one half (0.5) pound/variety/location.

**Shipping Instructions:**

**Mail entry forms and checks to: SHIP SEED TO:**

Daniel Mailhot Daniel Mailhot

University of Georgia - Griffin Campus University of Georgia – Griffin Campus

Statewide Variety Testing Statewide Variety Testing

1109 Experiment Street **1655 GA 16 West**

Griffin, GA 30223-1797 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. Thank you for your cooperation.

**Testing Site Geographic Region USDA Plant Hardiness Zone**

Calhoun, GA Limestone Valley 7b (Avg. coldest temp 5-10 F)

Athens, GA Piedmont 8a (Avg. coldest temp 10-15 F)

Griffin, GA Piedmont 8a (Avg. coldest temp 10-15 F)

Clanton, AL Coastal Plain 8a (Avg. coldest temp 10-15 F)

Plains, GA Coastal Plain 8a (Avg. coldest temp 10-15 F)

Headland, AL Coastal Plain 8a (Avg. coldest temp 10-15 F)

Midville, GA Coastal Plain 8b (Avg. coldest temp 15-20 F)

Tifton, GA Coastal Plain 8b (Avg. coldest temp 15-20 F)

Marianna, FL Coastal Plain 8b (Avg. coldest temp 15-20 F)

Citra, FL Coastal Plain 9a (Avg. coldest temp 20-25 F)

College of Agricultural and Environmental Sciences

*Department of Crop and Soil Sciences*

**GUIDELINES FOR THE WINTER GRAIN AND FORAGE 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](https://www.lawinsider.com/clause/force-majeure) 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.) 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.