



College of Agricultural and Environmental Sciences

*Department of Crop and Soil Sciences*

**MEMORANDUM**

**DATE:** August 16, 2017  
**TO:** Small Grain Seedsmen  
**FROM:** Dr. Daniel J. Mailhot  
Program Director  
UGA Variety Testing Program  
**SUBJECT:** Georgia 2017-2018 Small Grain Performance Trials – **GRAIN**  
Georgia and Florida 2017-2018 Small Grain Performance Trials – **FORAGE**

Attached are application materials for submitting entries in the 2017-2018 Small Grain Trials.

General Information - All entries will be planted using an experimental plot drill. Grain and forage plots will consist of seven, 7-inch rows, twelve feet in length at Athens and Calhoun, GA, Marianna and Quincy, FL. However, grain plots at Tifton, Plains and Midville will be seventeen feet in length.. Each entry will be replicated four times. Each crop will be seeded at recommended rates for Georgia. *The Variety Testing Program in Georgia is not accepting seed treated with a systemic pesticide (i.e., Cruiser, Gaucho) for planting in small grain for grain and forage research.*

**Fungicide treated seed is preferred for use in the Georgia program; please use the non-systemic fungicide of your choice to treat all seed sent to us. If untreated seed is received, it will be planted untreated.**

Grain Trials - The University of Georgia will conduct grain trials this coming season. Grain performance trials will be conducted on a regional basis and each entry will be evaluated in all available tests within the region entered. Grain trials for wheat and oat will be conducted at Tifton, Plains, and Midville in south Georgia and at Athens and Calhoun in north Georgia. Two wheat grain trials will be conducted at Plains this year. One trial will be conducted as in previous years without the use of foliar fungicides, while an additional trial will be conducted utilizing a recommended foliar fungicide. Barley grain trials will be conducted at Plains in south Georgia and at Calhoun in north Georgia. Rye grain trials will be conducted at Tifton in south Georgia and at Athens in north Georgia. Triticale grain trials will be conducted at Midville, Plains, Tifton, and Athens. Further, triticale will be included in the recommendation list for grain and forage after three years of data has been collected. See the accompanying map for test locations. **All entries (except public institutions) will be assessed a fee whether on recommended list or not.**

Forage Trials - The Universities of Georgia and Florida have combined small grain for FORAGE testing programs in effort to improve overall efficiency and to better serve seedsmen, farmers, and others involved in our region's small grain forage industry. The forage trials for oat, rye, wheat, and triticale varieties will be conducted at Tifton, Plains, and Athens, GA, and Marianna, FL. Trials for ryegrass varieties will be conducted at Tifton, Plains, Athens, and Calhoun, GA, and Marianna, FL.

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A forage variety may be evaluated at any or all of these locations. In addition, a triticale for silage test will be conducted at Tifton and Athens, GA. Note: If three years of data in the Georgia program on ryegrass were available, a recommendation list was developed and will continue to be included each year. **All entries (except public institutions) will be assessed a fee whether on recommended list or not.**

Testing Fees - All fees for the Georgia Small Grain Performance Trials are based on a contribution of \$150 per entry per test. There is no charge for varieties entered by public institutions. All other entries, including varieties currently on Georgia's recommended list (see attached), will be assessed the current fee of \$150 per entry per test. Checks should be made payable to **University of Georgia - Crop & Soil Sciences Department.**

Deadlines:

- Application forms are due September 15<sup>th</sup>.
- Seed for forage trials and grain trials are due September 15<sup>th</sup>.

Seed Required:

- Grain trials = fifteen (15) pounds/variety.
- Forage trials = ten (10) pounds/variety.

(These amounts are sufficient regardless of the number of locations entered.)

**NOTE:** Clearly label bags stating fungicide product used and any necessary cautions for handling. Also indicate on the entry form the fungicide treatment product used.

Mailing Instructions: Send entry forms and checks payable to **University of Georgia – Crop & Soil Sciences Dept.** to:

Dr. Daniel J. Mailhot  
Crop & Soil Sciences Dept.  
University of Georgia-Griffin Campus  
1109 Experiment Street  
Griffin, GA 30223-1797

SHIPPING ADDRESS:

**Ship seed to:**

Dr. Daniel J. Mailhot  
University of Georgia  
Statewide Variety Testing  
1655 GA 16 West  
Griffin, GA 30223

If you have any questions or for some reason cannot meet the deadline, please contact me by phone at mobile (678) 572-3015, office (770) 233-5500; by fax: (770) 228-7344; or by e-mail to Daniel.Mailhot@uga.edu.

Thank you for your cooperation.

Encl.  
DJM:f

**TEST LOCATIONS**





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**GUIDELINES FOR THE GEORGIA AND FLORIDA  
SMALL GRAINS PERFORMANCE TRIALS**

1. A \$150 contribution will be assessed for each entry evaluated in each test.
2. Entries submitted by public agencies such as experiment stations or USDA will not be assessed.
3. Varieties on the current list of recommended varieties for Georgia will be evaluated at locations within their region of recommendation and will be assessed the current fee of \$150 per entry per test.
4. Grain performance trials will be conducted on a regional basis and each entry will be evaluated in all tests within the region entered.
5. Forage trials will be conducted at Tifton, Plains, Athens, and Calhoun, GA and at Marianna, FL. An entry may be entered in any or all of these locations.
6. The Variety Testing Program in Georgia **will not accept seed treated with a systemic pesticide** (i.e., Cruiser/Gauche) for planting in small grain for grain and forage research. Please continue to use the non-systemic fungicide of your choice to treat seed used in the Georgia program.
7. The Program Director, in concert with his Department Head, reserves the right to close a test due to lack of entries or to limit the number of entries in any given test.
8. The University of Georgia reserves the right to modify these guidelines as deemed necessary.

Note: Small grain varieties must be evaluated in Georgia for three consecutive years in order to be considered for recommendation. **If an entry designation has changed, please indicate the old designation in parentheses on the entry blank to insure multiple year analysis.**

Entry forms found at [www.swvt.uga.edu](http://www.swvt.uga.edu) can be completed online using Adobe Acrobat Reader, then printed and faxed to 770-228-7344. To download free Acrobat Reader, go to <http://get.adobe.com/reader/>. To save completed forms you must have full Acrobat 6.0 or later version software package. Saved forms can be e-mailed to [Daniel.Mailhot@uga.edu](mailto:Daniel.Mailhot@uga.edu). To access on iPad, iPhone or Android device, you must have Acrobat app on your device. These apps are available free online at the **appropriate app store.**

### Recommended Grain Varieties for 2017

Barley	Atlantic (P)	Secretariat (S)	Thoroughbred (S)
Oat	Graham (S) <sup>2</sup> Horizon 270 (S) <sup>2</sup>	Horizon 306 (S) <sup>2</sup> Horizon 720 (C) <sup>2</sup>	SS 76-50 (S) <sup>2</sup>
Wheat	AGS 2024 (S) *AGS 2026 (S) AGS 2027 (S) AGS 2033 (S) AGS 2035 (S) AGS 2038 (S) AGS 2055 (P) AGS 3000 (C)	Dyna-Gro 9171 (P) <sup>3</sup> Dyna-Gro 9522 (P) Dyna-Gro Savoy (S) Hilliard (P) <sup>3</sup> *Jamestown (S) <sup>2,3</sup> PGX 16-1 (P) PGX 16-4 (P) Pioneer 26R10 (P)	Pioneer 26R41 (P) <sup>2</sup> Pioneer 26R59 (P) <sup>3</sup> Pioneer 26R94 (C) SH 5550 (S) SS 8415 (P) *USG 3024 (P)
Triticale	Monarch (S) NF201 (S)	SS Triticale 1414 (P) Trical 342 (S)	

1. P = Piedmont; C = Coastal Plain; S = Statewide.
  2. Consider using a labeled fungicide; highly susceptible to powdery mildew, leaf rust, stripe rust, or crown rust.
  3. Susceptible to some Hessian fly; consider using an insecticide.
- \* To be dropped from list in 2018.

### Recommended Forage Varieties for 2017

Oat	*Horizon 306 (S) Horizon 720 (S) <sup>^</sup>	Legend 567 (C) <sup>^</sup> NF402 (S)	RAM LA99016 (S) SS 76-50 (S)
Wheat	AGS 2024 (S) AGS 2033 (C) AGS 2038 (S)	Dyna-Gro Savoy (S) GrazeAll (S) Pioneer 26R94 (C)	SRW9410 (SS8629) (S) *SS 8641 (S)
Rye	Bates RS4 (S) Elbon (C) FL 104 (AGS 104) (S)	Florida 401 (C) <sup>2</sup> Maton (C) Maton II (S)	Oklon (S) Wrens Abruzzi (S)
Triticale	FL 01143 (C) <sup>2,3</sup> FL 08128 (C) <sup>2,3</sup>	Monarch (C,P) NF 201 (S)	SS 1414 (P,M) Trical 342 (S)
Ryegrass	Andes (C) <sup>3</sup> Attain (S) Big Boss (S) Credence (S) <sup>3</sup> Diamond T (C) Earlyploid (S) Flying A (C)	Fria (M) Grazer (P,M) Jackson (C) Jumbo (S) Lonestar (S) Marshall (S) Maximus (S)	Nelson (S) Passerel Plus (S) Prine (S) TAMTBO (S) Tetrastar (S) Winterhawk (P,M)

1. M = Mountains; P = Piedmont; C = Coastal Plain; S = Statewide.
  2. Suitable for early planting.
  3. Seed may be limited in 2017-2018.
  3. Susceptible to some Hessian fly; consider using an insecticide.
- \* To be dropped from list in 2018.  
^ Resistant to crown rust.