

January 16, 2008

SUBJECT: 2008 National Fusarium Wilt/Variety Test, Tallassee, Alabama

TO: Cooperators

FROM: Dr. William Gazaway and Kathryn Glass

The 2008 National Fusarium Wilt/Variety Screening Test will be conducted at Tallassee, Alabama, by the project coordinators: Plant Pathology Specialist, Dr. William Gazaway and Kathryn Glass.

- Each state (i.e. University) such as Alabama will be restricted to one program or 8 entries. Texas will be allowed two programs. Private industry and USDA will continue submitting the same number of programs as they did in 2007. Private industry submitting commercial varieties will identify the variety; so Alabama, which includes some commercial varieties among its entries, will not duplicate varieties. In the event the project coordinators are unable to include all submitted entries, **participants should prioritize their entries.**
- Seeding rate will be 5 seeds/foot or 100 seeds/20 foot plot. Participants are asked to count out the exact number of seeds per envelope (i.e. 100 seeds). Since each entry is replicated 4 times and a "backup" supply of seeds is required in case the test has to be replanted, participants are required to supply eight (8) envelopes for each entry. *If requested, Ms. Glass will return unused seed.*
- Fungicides applied in the furrow at planting and a standard fungicide seed treatment will be used to moderate seedling disease damage again this year. All participants are responsible for treating their own seeds. The project coordinators require that you use a formulation of 3 oz. RTU-BAYTAN-THIRAM + 0.75 oz. APRON-FL.

Fungicides may be obtained form Mr. Chip Graham, Gustafson, Inc.
Phone #: (800)368-6130 voice mail # 3321
E-mail: cgraham@gustafson.com

Your entries plus both the susceptible and resistant check will be randomly arrayed in a block throughout the test (4 Reps). Your attention to the following will expedite preparation and implementation of this test:

1. Use 3 $\frac{1}{8}$ x 5 $\frac{1}{2}$ inches, lightweight envelopes, and be sure the envelopes are sealed or secured -- **no paper clips**.
2. Send two complete sets of your entries. (4 env/entry/set) Unused materials will not be returned unless you so specify. **Count and package exactly 100 seeds per envelope**.
3. Place your identification either in the middle or on the upper left of the envelope. We will use the bottom and upper right of the envelope for our identification in setting up and planting these materials.
4. Send letter & seed **before April 1, 2008** to:

Kathryn Glass
Department of Agronomy and Soils
201 Funchess Hall
Auburn University, AL 36849-5412

As in previous tests, your entries may be listed by number; however, we would appreciate pedigrees for our records. All pedigrees will be kept confidential and results reported only by entry number.

We would like to continue documenting the value of this test yearly; therefore, if you release materials which express fusarium wilt resistance or tolerance, we would appreciate your letting us know when these materials will be released as well as when and under what pedigree they were evaluated in this test.