August 29, 2006

**SOYBEAN RUST UPDATE**

As of August 29, the closest Asiatic soybean rust find is Calhoun County, South Carolina. This find is approximately 200 miles from Kenansville, North Carolina. Rust fungicide sprays are not recommended based on this situation.

**CORN YIELD CONTEST**

Duplin County Extension will conduct a 2006 Duplin County Corn Yield Contest. Murphy-Brown and Nash Johnson & Sons sponsor the contest. Plaques and cash awards will be presented to 1st, 2nd, and 3rd place growers. County Yield Contest entries will also be entered into the North Carolina Corn Yield Contest. A one acre minimum is required. If you would like to enter, please call me in advance so measurement arrangements can be made.

**2006 DUPLIN COUNTY ON-FARM TESTS, DEMONSTRATIONS & PROJECTS**

This section features 2006 Duplin County on-farm tests, demonstrations, and projects. A special THANKS is appropriate for participating farmers, NCSU Extension Specialists, NCSU Extension Technicians, and commercial companies. Please call if you would like to visit or discuss efforts further.

**Corn Fertilization Demonstration**

**Cooperators:** Cecil & Tom Rose  
**Location:** Rhones Chapel area  
**Treatments:** The NCDA Soil Test Report recommended 80-100 lbs/acre potash (K-I = 25) and 2 lbs/acre copper (Cu-I = 16). Four non-replicated treatments are present: 1) no potash + no copper, 2) no potash + copper, 3) potash + no copper, and 4) potash + copper.

**Corn Official Variety Test**

**Cooperators:** Henry & Edward Dail  
**Location:** Kenansville area  
**Treatments:** There are 38 medium-maturing varieties (5 replications) and 25 late-maturing varieties (5 replications).

**Corn Variety Test**

**Cooperator:** Greg Bradshaw  
**Location:** Faison area  
**Treatments:** There are 22 varieties with DK 697 as the checker. There are 2 varieties from each of the following companies: AgVenture, DeKalb, Garst, Mycogen, Northrup King, Pioneer, Seed Consultants, Southern States, Terral, Trisler, and Vigoro.
**Cotton Bollworm Moth Blacklight Trap Project**

Cooperator: Justin Murphy  
Location: Albertson area  
Comments: This trap is monitored Monday, Wednesday, and Friday during the months of July and August. Trap counts reveal the relative timing and intensity of cotton bollworm (soybean podworm).

**Peanut Tests**

Cooperators: Vic & Lee Swinson  
Location: Beautancus area  
Tests: The 5 tests are: 1) Seed Treatment Comparisons (10 treatments & 4 replications), 2) Interactions Of Fungicides With Optimize Lift When Applied In The Seed Furrow (fumigated, 12 treatments & 4 replications), 3) Interactions Of Fungicides With Optimize Lift When Applied In The Seed Furrow (non-fumigated, 12 treatments & 4 replications), 4) Interactions Of Optimize Lift With First-Up And Abound (5 treatments & 4 replications), and 5) 2006 Becker Underwood Commercial Inoculant Trial (13 treatments & 4 replications).

**Tobacco Black Shank Race Survey**

Cooperators: Eddie Brinson, Morris Murphy & Scott Thigpen  
Locations: Albertson, Beulaville & Lyman areas  
Comments: This NCSU Plant Pathology survey is evaluating current tobacco black shank population race makeup.

**Tobacco Systemic Insecticide/Tomato Spotted Wilt Virus Test**

Cooperators: Austin, Jeremy & Max Turner  
Location: Albertson area  
Treatments: There are 10 treatments & 4 replications (each treatment is split – with and without Actigard field foliar sprays). Treatments are: Admire Pro drench (3 rates), Platinum drench (3 rates), Orthene transplant water, and T-Moxx drench (2 rates).

**Tobacco Tomato Spotted Wilt Virus Test**

Cooperators: Doug & Milton Hunter  
Location: Chinquapin area  
Treatments: There are 12 treatments & 4 replications. Treatments are: Admire drench, Actigard drench, Admire/Actigard drench, Admire drench/Actigard field foliar spray, and other Admire/Actigard experimental treatments.

**Soybean Potential Yield Enhancements Test**

Cooperators: Henry & Edward Dail  
Location: Williamsdale Farm (Safe area)  
Treatments: There are 22 treatments & 4 replications. There are 9 inoculant treatments, 3 fungicide treatments, 2 insecticide treatments, 3 fungicide/insecticide treatments, 1 potassium nitrate treatment, and 1 fungicide/potassium nitrate treatment.
UPCOMING EVENTS

2006 North Carolina Peanut Field Day
Thursday, September 7  9:30 am
Peanut Belt Research Station – Lewiston

2006 North Carolina Cotton Field Day
Thursday, September 14  12:30 pm
Upper Coastal Plains Research Station – Rocky Mount
COMMENTS: The Upper Coastal Plains Research Station is located on Nobles Mill Pond Road (SR 1224). Registration begins at 12:30 pm, tours begin at 1:20 pm, and the meal will be served at 5:45 pm.

Farm Taxation Issues Workshop
Tuesday, October 31  8:00 am
Duplin County Extension Center
COMMENTS: Topics include new law changes as they affect agriculture, tobacco tax update, timber tax topics, any new law changes to timber, and life estates. Instructors are Guido van der Hoeven, NCSU Extension Ag & Resource Economics Specialist, and Rick Hamilton, NCSU Extension Forestry Specialist. The $109 fee includes a valuable workbook and 8 hours of CPE credit.

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Curtis D. Fountain
Extension Agent
Agriculture – Field Crops