



Advisory Committee members:

**Dennis Martin, David Williams, Bryan Unruh, Leah Brilman, Brian Schwartz, Tom Turner, David Kopec, Kevin Morris**

Length of trial: 5 years

Planting rate: 1 lb/1000 sq. ft. (16.6 g/plot) for *hulled* seeded entries, 24 (1.5") plugs per plot

Amount of seed/plant material needed of each entry: 2.75 lbs. of *hulled* seed or 25 trays of vegetative entries

Number of entries: 30-35

Deadline for receipt of seed and plant material by NTEP at Beltsville, MD: **May 31st.**

Entry fees:

- 1. Named, commercially produced and/or marketed entry: \$2,000 when the entry is submitted, \$2,000 in each year after, \$10,000 total.**
- 2. Entry that has been previously entered in an NTEP trial: \$1,500 when the entry is submitted, \$1,500 in each year after, \$7,500 total.**
- 3. Experimental entry that has not been named, commercially produced and/or marketed: \$1,000 when the entry is submitted, \$1,000 in each year after, \$5,000 total\*.**

**\* If the experimental entry is named, commercially produced or marketed during the testing period, NTEP will be notified within 30 days by the variety sponsor. At that time, the entry fee will be \$10,000 total for the trial. NTEP will immediately invoice the sponsor or licensee for any past entry fees. Current and future NTEP entry fees will be invoiced at \$2,000 per year. This will expire the date of the last trial data publication.**

### **Standard trials (12)**

Stillwater, OK

Griffin, GA

Lexington, KY

Raleigh, NC

Jay, FL

Haysville, KS

Blacksburg, VA

Fayetteville, AR

College Park, MD

Starkville, MS

Auburn, AL

Riverside, CA

### **Ancillary trials (9)**

Drought: **Tucson, AZ (acute), College Station, TX (acute)**

Nematodes: **Dr. Billy Crow (Univ. of Florida) has found a sting and lance infested site**

Winter kill: **West Lafayette, IN, if trial dies in year one, allow them to replant once**

Spring dead spot: **Columbia, MO (inoculated)**

Traffic: **Knoxville, TN (Cady), Lexington, KY (Brinkman), Gainesville, FL (Cady) – have two sets of plant material,**

Divot recovery: **Fayetteville, AR – can do as a part of standard trial**

### **Maintenance Levels**

#### **SCHEDULE A**

1. Mowing height: 0.5 - 1.0"
2. Nitrogen rate: 0.5 - 1.0 lb./1000 sq. ft./growing month
3. Mowing frequency: 2-4 times per week
4. Irrigation: to prevent stress
5. Fungicides and insecticides to be applied on a curative basis only to prevent severe loss of stand.
6. Pre-emergent grass control is allowed; broadleaf weed control as needed.

#### **SCHEDULE B**

1. Mowing height: 1.5 - 2.5"
2. Nitrogen rate: 0.25 - 0.5 lb./1000 sq. ft./growing month
3. Mowing frequency: 1-2 times per week
4. Irrigation: to prevent dormancy
5. Fungicides and insecticides to be applied on a curative basis only to prevent severe loss of stand.
6. Pre-emergent grass control is allowed; broadleaf weed control as needed.

### **Standard Entries**

Vegetative -**Tifway**, **Celebration** (widespread use), **Latitude 36** (cold tolerant and top quality standard 2007-2011), **Patriot** (cold tolerant cultivar in last three NTEP trials)

Seeded – **Yukon** (spring dead spot tolerance and other characteristics), **Princess 77** (if it is reasonably commercially available and how so), **NuMex Sahara** (poor cold tolerant standard), **Riviera** (top quality standard from 2007-2011)

## **Planting Info**

Plot size will be 6' x 6' (or a similar size - approximately 36 sq. ft.) with a 2'- 3' border between plots replicated three times. **Also, similar to the 2007 trial, seeded and vegetative entries will be randomized within the same blocks.**

Seeding rate will be 16.6 grams/plot. One tray of each vegetative entry will be shipped to each location. Each tray will contain 72 (1.5" x 1.5") or 18 (3" x 3") plugs of each entry. Twenty-four 1.5" plugs will be planted per plot on one-foot centers (for 3" x 3" plugs, each plug should be divided into four 1-1/2" mini-plugs). Trays could also contain 72 mini-plugs that will not require additional division.

## **Data Collection Needs**

The group agreed on the following:

Turf quality for each growing month

Spring greenup once per year starting in second full year of test

Fall/winter color retention once per year

Genetic color ratings once per year

Establishment rate (% ground cover every 2-4 weeks after seeding or planting until fully established)

Leaf texture ratings once in late spring/early summer of each full year