



Length of trial: 5 years

Seeding rate: 1.1 lbs./1000 sq. ft.

Amount of seed needed of each entry: 2.25 lbs.

Deadline for receipt of seed by NTEP at Beltsville, MD: **August 25th.**

Entry fees:

- 1. Named, commercially produced and/or marketed entry: \$2,000 when seed 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 seed 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 seed 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 (9) – encourage all sites to allow some drought stress**

New Brunswick, NJ	Manhattan, KS	Lexington, KY	College Park, MD
Columbia, MO	Ames, IA	Urbana, IL	Pullman, WA
E. Lansing, MI			

**Ancillary trials (10)**

*Traffic tolerance* – plots are split with traffic and no traffic strips. Therefore, traffic trials also collect standard trial data on the non-traffic strips of each plot

Amherst, MA	Blacksburg, VA	Fayetteville, AR
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*Reduced irrigation* – 60-70% ETo

W. Lafayette, IN      Logan, UT      Riverside, CA

*Divot recovery* – conduct on one-half of each plot in standard trial

Blacksburg, VA      New Brunswick, NJ      W. Lafayette, IN

*Low Temperature/Winter Tolerance*

Fargo, ND

### **Maintenance Level (for all standard trial locations)**

1. Mowing height: 3/8" - 1/2"
2. Nitrogen rate: 1/4 - 3/8 lb. N/1000 sq. ft./growing month  
(use 3-6 applications per year - not monthly applications)
3. Mowing frequency: 2 - 3 times per week
4. Irrigation: for establishment - to prevent visual drought stress; year two and beyond – allow visible drought stress at some point each year, rate percent green cover and then irrigate before significant stand loss occurs
5. Fungicide and insecticide to be applied on a curative basis only to prevent **significant** stand loss
6. Pre-emergent grass control is allowed; broadleaf weed control as needed to prevent stand loss
7. Core cultivation: solid tines or core cultivate if cores are removed, not dragged  
- researcher's discretion
8. Vertical mowing: to control thatch - researcher's discretion

### **Standard Entries**

**The top commercially available creeping entry in 2008 NTEP trial, the top commercially available colonial entry in 2008 NTEP trial, Penncross, Crystal Bluelinks, Tiger II**

### **Data Collection Needs**

Establishment rate (% ground cover), 4-6 weeks after seeding.  
Turfgrass quality ratings (taken monthly during each growing season of the test).  
Spring greenup ratings in second full year through last year of the test (2009-2013).  
Genetic color ratings once in each full year of the test.  
Percent green cover after induced drought.  
Recovery ratings after irrigation is resumed.  
Winter color ratings once per winter where bentgrass does not go winter dormant.  
Fall color retention after first frost.