



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 (14)**

New Brunswick, NJ	Fayetteville, AR	Athens, GA	Manhattan, KS
Lexington, KY	Columbia, MO	Raleigh, NC	Stillwater, OK
Blacksburg, VA	W. Lafayette, IN	Ames, IA	Logan, UT
E. Lansing, MI	St. Paul, MN		

#### **Ancillary trials (5)**

*Golf course on-site*

Monterey/SF Bay, CA      LA Area, CA      Glenview, IL (reduced irrigation)

*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

*Reduced irrigation – 60-70% ETo*

Logan, UT

### **Maintenance Levels (for standard trials)**

#### **SCHEDULE A**

1. Mowing height: .110 - .125"
2. Mowing frequency: minimum six times per week during active growth
3. Nitrogen level: 0.33 – 0.5 lbs./1000 sq. ft./growing month
4. Irrigation: prevent stress to optimal
5. Disease control: allow disease but can apply curatively to prevent significant stand loss, recommend root pythium treatment on velvets at establishment
6. Insect control: to prevent damage
7. Weed control: as needed, researcher needs to describe
8. Core cultivation: solid tines or core cultivate if cores are removed, not dragged  
- at the researcher's discretion
9. Grooming: encouraged (described by researcher)
10. Topdressing: scheduled to minimize thatch development
11. Vertical mowing: to control thatch - at the researcher's discretion

#### **SCHEDULE B**

1. Mowing height: .110-.125"
2. Mowing frequency: minimum six times per week during active growth
3. Nitrogen level: 0.2 – 0.3 lbs./1000 sq. ft./growing month
4. Irrigation: prevent stress to optimal
5. Disease control: allow disease but can apply curatively to prevent significant stand loss, recommend root pythium treatment on velvets at establishment
6. Insect control: to prevent damage
7. Weed control: as needed, researcher needs to describe
8. Core cultivation: solid tines or core cultivate if cores are removed, not dragged  
- at the researcher's discretion
9. Grooming: encouraged (described by researcher)
10. Topdressing: scheduled to minimize thatch development
11. Vertical mowing: to control thatch - at the researcher's discretion

### **Standard Entries**

**The top two commercially available entries in the 2008 NTEP trial, Penncross, Penn A-1, Declaration** (dollar spot resistant)...and if we get a velvet entry, drop second top performer – add either Greenwich or Villa

**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.

Winter color ratings once per winter where bentgrass does not go winter dormant.

Fall color retention after first frost.