



Length of trial: 5 years

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

Amount of seed needed of each entry: 1.65 lbs.

Deadline for receipt of seed by NTEP at Beltsville, MD: **August 24th.**

Entry fees:

1. **Named, commercially produced and/or marketed entry: \$2,200 when seed is submitted, \$2,200 in each year after, \$11,000 total.**
2. **Entry that has been previously entered in an NTEP trial: \$1,700 when seed is submitted, \$1,700 in each year after, \$8,500 total.**
3. **Experimental entry that has not been named, commercially produced and/or marketed: \$1,200 when seed is submitted, \$1,200 in each year after, \$6,000 total*.**

*** If the experimental entry is named, commercially produced or marketed anywhere in the world during the testing period, NTEP will be notified within 30 days by the variety sponsor. At that time, the entry fee will be \$11,000 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 \$2,200 per year. This will expire the date of the last trial data publication.**

Trial Locations (16 total)

Standard (10 sites)

E. Lansing, MI	New Brunswick, NJ	Quebec City, QE	Raleigh, NC
Stillwater, OK	Fort Collins, CO	W. Lafayette, IN	Ames, IA
St. Paul, MN	Logan, UT		

Ancillary (6 sites)

Traffic – Amherst, MA

Shade tolerance – New Brunswick, NJ

Disease (reduced fungicides - dollar spot or brown patch) - Manhattan, KS

On-site locations - Fort Collins, CO (Southridge GC), Oregon

Reduced irrigation - Logan, UT

Maintenance Level (for all standard trial locations - Putting Green trial)

1. Mowing height: .110 - .125"
2. Mowing frequency: minimum six times per week during active growth
3. Nitrogen level: 0.2 – 0.4 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
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 from the 2020 trial for turf quality (Oakley, Piper) and the top entry for dollar spot (Spectrum), Penncross, Penn A-1

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 (2027-2030).
Genetic color ratings once in each full year of the test.
Density – spring summer and fall each full year of test.
Winter color ratings once per winter where bentgrass does not go winter dormant.
Fall color retention after the first frost.

Other needs

Require standard soil test with O.M.