



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)

Manhattan, KS	New Brunswick, NJ	College Park, MD	Blacksburg, VA
St. Paul, MN	E. Lansing, MI	W. Lafayette, IN	Columbus, OH
Ames, IA	Bend, OR		

Ancillary (6 sites)

Traffic – Amherst, MA
Drought (reduced irrigation) – Ft. Collins, CO
Divot recovery - Manhattan, KS, New Brunswick, NJ
Reduced fungicides - New Brunswick, NJ, College Park, MD

Maintenance Level (for all standard trial locations) – Fairway/Tee trial

1. Mowing height: 3/8" - 1/2"
2. Nitrogen rate: 0.1 – 0.4 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: to prevent visual drought stress
5. Fungicide and insecticide to be applied on a preventative basis
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

Top two commercially available entries from the 2020 trial for turf quality (007XL, Match Play or Oakley) and the top entry for dollar spot (Spectrum), Pennncross

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 ratings – spring, summer and fall each full year of trial
Annual bluegrass rating once per year (at peak seedhead production)
Winter color ratings once per winter where bentgrass does not go winter dormant.
Fall color retention after the first frost.