



TAR HEEL II

Salt-Tolerant Turf-Type Tall Fescue (*Festuca arundinacea*)

Developed by Pure-Seed Testing Inc., Tar Heel II was selected for its outstanding turf quality and brown patch tolerance. Tar Heel II also features outstanding salt tolerance, with 85% survivors in a saltwater bath at 25,000 ppm sodium chloride.*

** Seawater is generally described as having 33,000 ppm salt*

*Residential / Commercial turf • Parks / Cemeteries
Recreational / Sports turf • Sod production • Golf course roughs / Bunkers
Roadsides / Airport runways • Reclamation / Low maintenance
Saline soils and water / Effluent water*

*Brown Patch Disease
(*Rhizoctonia solani*)*

Tar Heel II



TURF-SEED

Growth Habit and Characteristics:

- Tested as PST-5TR1
- Bunch-type growth habit with medium-fine blade width and low growth habit
- Uniform, dense turf with very dark green color
- Deep rooted, performing well in a wide range of soil types, pH range of 5.5–8.0

Performance Characteristics / Adaptations:

- Excellent brown patch and fusarium patch resistance, 2002 NTEP data. Moderate stem rust resistance
- Top 30% in turf performance, 2002 NTEP data. A quality tall fescue for all areas of tall fescue adaptation
- Number one variety for turf quality and brown patch tolerance, Pure-Seed Testing, North Carolina, 2002 data
- Very salt tolerant when compared to other commercially available tall fescues
- Moderate endophyte level for improved insect resistance and stress tolerance
- Performs well in full sun to moderate shade
- Very good heat tolerance / very deep rooted for good drought tolerance
- Very good traffic and wear tolerance
- Mixes well with 5–10% improved Kentucky bluegrass, such as Midnight or Moonlight, for strong, all-season turf in most areas of tall fescue adaptation

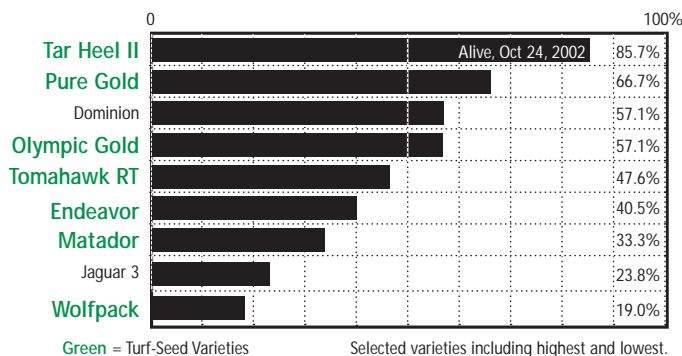
Establishment and Maintenance:

- Seed at 6–10 lb per 1000 sq ft / 300-400 lb per acre
- Early fall / spring seeding is best. Avoid late spring /summer plantings in areas of high heat and/or humidity
- Seedbed should be kept moist during germination and establishment
- Germinates in 8–14 days with optimal soil temperatures, above 60 degrees. Full coverage expected in 6–8 weeks
- First mowing recommended when plant reaches 2"–3" in height

Established Turf Maintenance:

- Maintain at a mowing height of 1.5"–3"
- Best maintained with deep, infrequent irrigation to promote a deep, healthy root system.
- Fertilize at an annual rate of 4–5 lb of actual N / 1000 sq ft

Field Day 21 • Tall Fescue, Salt Damage / Percent Survival
Greenhouse Salt Bath 25,000 ppm NaCl, July 2002 LSD 28.6%



Field Day 21 • Tall Fescue, Brown Patch • Rolesville, NC
LSD 1.7 Rated 1-9, 9 = No disease

