

# Brown Patch resistance



Take control of your Brown Patch disease management program and reduce your fungicide applications by using our Brown Patch resistant program varieties.



## Featured varieties

Tall Fescues:

- Tar Heel II
- Silverado II
- Endeavor

## What qualifies Scotts Turf-Seed varieties as Brown Patch resistant?

Brown Patch (*Rhizoctonia solani*) is becoming a common turfgrass disease in Tall Fescues throughout the transition zone. Because of its good heat and drought tolerance and its improved turf characteristics, Tall Fescue is a popular turfgrass species in the transition zone. Pure-Seed Testing, Inc. conducted multiple-year trials under heavy Brown Patch pressure at its Rolesville, North Carolina (NC) site. Tall Fescue varieties that receive the Brown Patch resistance icon have maintained a minimum average rating of 6 or greater over multiple trial years, under heavy Brown Patch disease pressure, at Rolesville, NC. The rating scale is from 1-9, where 9 = no disease and 1 = completely diseased.

## Research & breeding work

Pure-Seed Testing, Inc. identifies existing Tall Fescue varieties with increased Brown Patch resistance for use in breeding projects. The warm-climate location of the North Carolina research facility allows researchers to identify Tall Fescue germplasm with improved Brown Patch resistance and excellent summer turf performance in warm, humid conditions, where Brown Patch can be a significant problem. Since 1999, Pure-Seed Testing, Inc. researchers have continued to rate Brown Patch damage in Tall Fescue species. Species at the top of the rating charts are used to breed new Tall Fescue varieties with improved Brown Patch resistance.

## What varieties made it?

Mean Brown Patch ratings for Scotts Turf-Seed Tall Fescues in Rolesville, NC over multiple trial years from 1999 - 2006.

Variety	Number of trial years	Mean
Tar Heel II	5	6.81
Silverado II	5	6.4
Innovator	5	6.2
Wolfpack	8	6.2
Olympic Gold	8	6.0

## ► Scotts Fact

Scotts employs an intensive research and development program, backed by the industry's highest standards of seed harvesting, cleaning and testing.