

# SEED RESEARCH OF OREGON

*The germination of ideas*

## FEATURES

- High levels of rhizomes
- Dense turf, high tillering
- Fine leaf texture
- Very dark green color
- High levels of endophytes
- Excellent Brown Patch resistance
- Dwarf growth habit
- High Leaf Spot resistance
- Uses: Ideal for golf course roughs, commercial turf, parks, sports fields and home lawns

## BENEFITS

- Reduced maintenance and inputs
- Persistent turf
- Wear and stress tolerant
- Excellent insect tolerance and resistance
- Good sod strength
- Customer satisfaction

## SEEDING RATES

- Seeds/lb: 220,000
- New turf:  
8–10 lbs/1,000 sq ft  
350–400 lbs/acre
- Overseed Rate:  
6–8 lbs/1,000 sq ft  
250–350 lbs/acre

## ESTABLISHMENT

- Germination: 7–10 days under ideal conditions
- First mowing: 21–30 days
- First limited use: 60–75 days

# SR 8600

TURF-TYPE TALL FESCUE

**SR 8600** turf-type tall fescue is a dwarf, dark green tall fescue with high levels of rhizomes developed for improved turf quality, combined with stress tolerance and Brown Patch resistance. The plants used in development were selected after high summer stress based on performance and appearance. SR 8600 is adapted to all areas where tall fescue is grown for turf, including Mid-Atlantic, North, Southeast, Midwest and West.



## History

SR 8600 was derived from tall fescue plants received from Rutgers University in the fall of 1996 by Seed Research of Oregon. The plants selected were from superior turf plots from the Rutgers breeding program based on spring, summer and early fall performances. The Rutgers germplasm is the result of multiple cycles of selection for improved turf and seed yield characteristics. In 1997, Seed Research classified

the plants received based on maturity, height, color and leaf texture for establishment of new blocks. SR 8600 is derived from that portion of the plants that Seed Research designated as dwarf and early. These plants were all very dark green with fine leaf texture, and 65% of the individual plants exhibited rhizome formation. This trait contributes to sod strength, wear tolerance and persistence.

## Characteristics

The overall turf quality of SR 8600 was exceptional at the Rutgers trials in 1999 and 2000. In the 1999 trials, SR 8600 scored better than Bingo, Focus, Rembrandt, Masterpiece, Picasso and all of the Rebel varieties. In the 2000 report, SR 8600 outperformed all of the Rebel varieties, Masterpiece, Pride, and Picasso. SR 8600 forms a high quality turf with a dark green color and dwarf growth habit. It contains high endophyte levels. It has excellent Brown Patch resistance and better Leaf Spot resistance than Pride, Finesse, Masterpiece, Rembrandt, and Bingo.

**PVP**

IMPROVEMENT THRU RESEARCH



**Turfgrass Quality Ratings of Tall Fescue Cultivars in the 2001 NTEP Trials  
Grown at 6 Locations in the Transition Zone  
2002 Data Set**

*Turfgrass Quality Ratings: 1-9; 9=Ideal Turf*

Variety	Mean	Rembrandt	5.7	Jaquar 3	5.6	KY-31 E+	4.2
K01-WAE	6.1	Rebel Exeda	5.7	Southern Choice II	5.5	LSD Value	0.3
<b>SR 8600</b>	<b>5.8</b>	Millennium	5.7	Mustang 3	5.4		
<b>Grande II</b>	<b>5.8</b>	Barlexas II	5.6	Pure Gold	5.2		

**Turfgrass Quality Ratings of Tall fescue Cultivars in the 2001 NTEP Trials  
Grown at 2 Locations in the Southern Region  
2002 data**

*Turfgrass Quality Ratings: 1-9; 9=Ideal Turf*

Variety	Mean	Mustang 3	6.3	Plantation	5.8	LSD Value	0.3
Rebel Exeda	6.6	Pure Gold	6.2	Barlexas II	5.8		
<b>SR 8600</b>	<b>6.4</b>	2nd Millennium	6.0	Falcon II	5.8		
Masterpiece	6.3	Jaquar 3	6.0	KY-31 E+	4.9		

**Turfgrass Quality Ratings of Tall Fescue Cultivars in the 2001 NTEP Trials  
Grown at 11 Locations in the U.S.  
2002 Data**

*Turfgrass Quality Ratings: 1-9; 9=Ideal Turf*

Variety	Mean	Rebel Exeda	6.0	<b>SR 8550</b>	<b>5.8</b>	KY-31 E+	4.8
<b>Grande II</b>	<b>6.2</b>	Bingo	5.9	Mustang 3	5.8	LSD Value	0.3
<b>SR 8600</b>	<b>6.0</b>	Jaquar 3	5.9	Plantation	5.7		
Rembrandt	6.0	Barlexas II	5.9	Pure Gold	5.7		

**Brown Patch Ratings of Tall Fescue Cultivars in the 2001 NTEP Trials  
Fayetteville, AR  
2002 Data**

*Ratings = Percent of Brown Patch*

Variety	Mean	Rembrandt	22.8	2nd Mellenium	26.3	Pick TF H-97	44.5
PST-5A1	13.3	<b>Grande II</b>	<b>21.0</b>	Rebel Sentry	28.2	LSD Value	26.1
<b>SR 8600</b>	<b>22.0</b>	Mustang 3	24.0	Mustang 3	24.3		
Rembrandt	22.7	Jaguar 3	25.3	Barlexas II	32.3		
Rebel Exeda	22.7	Pure Gold	26.0	Bonsai	37.0		

To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.