

# TECHNICAL TURF DATA



## GRANDE II

TURF-TYPE TALL FESCUE

**Grande II Turf-Type Tall Fescue** is a rhizome-rich tall fescue that incorporates a broad genetic breeding history and the beneficial *Neotyphodium* endophyte. This dark green, turf-type tall fescue has quick establishment, rapid recovery and superior turf quality.



### History

Grande II was developed over multiple cycles of selection for rhizome formation combined with superior turf quality. It traces to superior plants selected from Grande for freedom from Brown Patch in Missouri along with rhizome formation as mown spaced plants, then crossed with additional plants related to SR 8600, selected for turf quality, rhizomes and Brown Patch resistance. The parental plants of Grande II all demonstrate rhizome formation.

### Characteristics

Grande II rapidly establishes a fine textured, semi-dwarf turf. In a mown stand, it has a uniform, dark green color with a moderate shoot density.

Grande II has high endophyte levels for insect resistance and has excellent resistance to Brown Patch (*Rhizoctonia* spp.) and Pink Patch. High seed yields assure plentiful supplies of quality seed.

### Adaptations

Grande II is well suited for home lawns, commercial turf, parks, sports fields and golf course roughs where wear tolerance and water conservation are high priorities. It is well adapted to climates throughout the Transition Zone, Midwest, South, West and Northeast on a wide variety of soil types.

### FEATURES

- High number of rhizomes
- Broad genetic base
- Fine texture
- Dark green color
- Uses: Ideal for home lawns, commercial turf, parks, sports fields and gold course roughs

### BENEFITS

- Rapidly established, fine textured, semi-dwarf turf
- High endophyte levels for insect resistance
- High turf quality
- Wide adapted variety
- Superior wear resistance
- Fast recovery from damage

### SEEDING RATES

- Seeds/lb: 6,000,000
- New turf:
  - 1–1.5 lbs/sq ft
  - 45–65 lb/acre
  - 5 to 7.5 gr/m<sup>2</sup>
  - 50 to 75 kg/hectare
- Overseeding/Interseeding:
  - 2–3 lbs/1,000 sq ft
  - 90–135 lbs/acre
  - 10–15 gr/m<sup>2</sup>

### ESTABLISHMENT

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

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## Turf Quality Ratings 2000 Tall Fescue NTEP 2002 Data Set: Eleven Locations in the U.S. (Schedule B)

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

Variety	Mean	Rembrandt	6.0	Rebel Exeda	6.0	Jaguar 3	5.9
<b>Grande II</b>	<b>6.2</b>	Raptor	6.0	<b>Guardian 21</b>	<b>6.0</b>	Rebel Sentry	5.9
Tar Heel	6.1	<b>SR 8600</b>	<b>6.0</b>	Cochise	6.0	Southern Choice II	5.9
Olympic Gold	6.1	Avenger	6.0	Padre	6.0	Quest	5.8
Justice	6.1	Scorpion	6.0	Inferno	5.9	Plantation	5.7
<b>Blackwatch</b>	<b>6.1</b>	2nd Millennium	6.0	Bingo	5.9	<i>LSD Value</i>	<i>0.3</i>
Masterpiece	6.1	Millennium	6.0	DaVinci	5.9		

## Turf Quality Ratings 2000 Tall Fescue NTEP 2002 Data Set: Midwest Region

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

Variety	Mean	Barlexas II	5.9	Mellennium	5.8	Forte	5.7
<b>Grande II</b>	<b>6.1</b>	Masterpiece	5.9	Wolfpack	5.8	Da Vinci	5.7
Tar Heel	6.1	<b>Blackwatch</b>	<b>5.9</b>	Rebel Exeda	5.8	Jaguar 3	5.7
2nd Millennium	6.0	Rembrandt	5.9	Silverado	5.8	Rebel Sentry	5.6
Southern Choice II	5.9	Quest	5.8	<b>SR 8600</b>	<b>5.8</b>	Plantation	5.4
Olympic Gold	5.9	Raptor	5.8	<b>Guardian 21</b>	<b>5.7</b>	<i>LSD Value</i>	

## Leaf Texture Ratings 2000 Tall Fescue NTEP 2002 Data Set

*Leaf Texture 1-9; 9=Very Fine*

Variety	Mean	<b>Grande II</b>	<b>5.9</b>	Barlexas II	5.9	Jaguar 3	5.5
Inferno	6.4	Forte	5.9	Rebel Exeda	5.9	Southern Choice II	5.5
Avenger	6.2	Bingo	5.9	<b>Guardian 21</b>	<b>5.8</b>	Plantation	5.5
Da Vinci	6.1	Rembrandt	5.9	Millennium	5.8	<i>LSD Value</i>	<i>0.3</i>
Justice	6.1	2nd Millennium	5.9	Rebel Sentry	5.6		

## Percent Brown Patch Ratings 2000 Tall Fescue NTEP 2002 Data Set: Fayetteville, Arkansas

*Brown Patch Ratings 1-9; 9=No Disease*

Variety	Mean	<b>Grande II</b>	<b>8.5</b>	Jaguar 3	8.2	Millennium	7.9
<b>Blackwatch</b>	<b>8.8</b>	2nd Millennium	8.4	Tar Heel	8.1	Southern Choice II	7.9
<b>SR 8550</b>	<b>8.6</b>	Focus	8.4	<b>SR 8600</b>	<b>8.3</b>	Daytona	7.7
Rebel Exeda	8.6	Plantation	8.4	Rebel Sentry	8.3	<i>LSD Value</i>	<i>0.6</i>

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.