



Turf Type Tall Fescue

Festuca arundinacea

Plant Breeder: Dr. William Meyer, Rutgers University
Experimental Designation - Pennington 1901

Plantation is a high performance, dark green, fine textured tall fescue that develops an extensive, fibrous root system. **Plantation's** high turf quality is characterized by a very upright growth habit and dark green color. This variety performs well in a variety of climatic zones. **Plantation** is a consistent top performer in the National Turfgrass Evaluation Program trials conducted across the United States and was ranked #1 in 40 out of 44 categories against 129 different grasses. (1997 data based on 1996 National Tall Fescue test sponsored by National Turfgrass Evaluation Program, Beltsville, MD)

Characteristics:

- Remarkable Brown Patch resistance
- Outstanding, dark green color
- Fine-textured, superb turf density
- Drought tolerance
- Good overall disease resistance
- Medium shade tolerance
- Very good wear tolerance

Recommended Use:

Golf Courses (fairways & roughs), Athletic Fields, Parks, Home Lawns, and Sod Farms

Climatic Zones:

3, 5, 6, 7, 8 (may not be adaptable to all areas within each climatic zone)

Establishment & Maintenance:

Sow in sun or shade in spring or fall. Mid-summer sowing is not recommended except for areas of dense shade that can be well watered. Lime soil to 5.5 – 6.0 pH and follow soil test recommendations for fertilization. Maintain adequate soil moisture for proper germination. Under ideal conditions, germination may begin in as few as 9 days. Full germination may take up to 21 days. First mowing is suggested when plants reach approximately 2 inches. (7.5 cm)

Seeding Rates:

- | | |
|----------------------|--|
| • Home Lawns & Parks | 8 - 10 lbs/1000 sq ft
(3 1/2 - 5 kgs/100 sq meters) |
| • Fairways & Roughs | 5 - 10 lbs/1000 sq ft
(2 – 5 kgs/100 sq meters) |
| • Athletic Fields | 10 - 15 lbs/1000 sq ft
(5 –7 kgs/100 sq meters) |
| • Sod Farms | 8 - 10 lbs/1000 sq ft
(3 1/2 - 5 kgs/100 sq meters) |

Quality Ratings:

Table 1.

**MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN IN FULL SUN AT TWENTY-EIGHT LOCATIONS IN THE U.S.
1997 - 2000 DATA FROM 1996 TEST
TURFGRASS QUALITY RATINGS 1-9, 9=IDEAL TURF**

NAME	QUALITY MEAN
REMBRANDT	6.3
PLANTATION	6.2
SHENADOAH II	6.0
REBEL SENTRY	5.9
ANTHEM II	5.7
BULLDAWG	5.6
KENTUCKY 31 W/ENDO	3.9
LSD VALUE	0.1

Table 21.

**MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN DIFFERENT CLIMATIC ZONES 1/
1997 - 2000 DATA FROM 1996 TEST
TURFGRASS QUALITY RATINGS 1-9, 9=IDEAL TURF**

NAME	TRANSITION ZONE	COOL-HUMID	COOL-ARID	QUALITY MEAN
REMBRANDT	6.3	6.2	6.2	6.3
PLANTATION	6.2	6.3	6.3	6.2
ANTHEM II	5.6	5.7	6.1	5.7
BULLDAWG	5.6	5.6	5.8	5.6
SHENADOAH II	6.1	5.9	6.1	6.0
REBEL SENTRY	5.9	5.9	6.0	5.9
KENTUCKY 31 W/ENDO	4.1	3.8	3.6	3.9
LSD VALUE	0.2	0.2	0.2	0.1

Table 42.

**BROWN PATCH RATINGS OF TALL FESCUE CULTIVARS
1997 - 2000 DATA FROM 1996 TEST
BROWN PATCH RATINGS 1-9, 9=NO DISEASE**

NAME	QUALITY MEAN
JAGUAR 3	6.7
PLANTATION	6.3
SHENADOAH II	6.3
REBEL SENTRY	5.9
BULLDAWG	5.6
ANTHEM II	5.6
PICK FA 15-92	5.0
LSD VALUE	0.6

These examples represent 7 out of 129 varieties tested in the National Turfgrass Evaluation Program, 1997-2000 Data, Final Report, NTEP No. 01-14. 1996 test. For complete trial data, go to www.ntep.org