STOVER SEED®

*Teaming confidence with nature since 1922*

PURCHASE

**Technical Data and Information Product Sheet**

# **4TH MILLENNIUM SRP** Turf-Type Tall Fescue, *Platinum Quality*™

## DESCRIPTION

Tall Fescue is a perennial, cool season bunch grass. It is native to Europe but has become naturalized in the United States since its introduction in the 1800s. It was, and still is, used as a pasture grass until varieties were developed in the 1980s that were more suitable for use as a turfgrass, hence the name "Turf-Type Tall Fescue."

Over the years new varieties have been developed and introduced that exhibit excellent turf quality. While tall fescues do not reach the level of turf quality as Kentucky Bluegrass they are easier to establish and maintain, have greater heat and drought tolerance, and are better adapted to a wide range of climates from Canada to Florida and across midwestern and southern states to the west coast. Compared to other cool season grasses (Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue) Tall Fescues have a coarser leaf blade and a deeper, more extensive root system (2-3 feet deep).

There are well over 100 varieties of Turf-Type Tall Fescues with various traits and characteristics. **4th Millennium SRP** was rated highest for turfgrass quality among Tall Fescues in two separate NTEP trials. It also meets our platinum standards of superiority for variety quality and seed purity. Learn More. **4TH Millennium SRP** also exhibits rhizomes that improve density and wear resistance.

## CHARACTERISTICS

### Features

Better heat and drought tolerance
Rapid tillering, spreading growth habit
Excellent seedling vigor
Brown patch resistance
Improved mowability

### Benefits

Improved summer performance
Excellent wear tolerance and recovery
Fast establishment
Less susceptible to warm weather disease
Reduced shredding during mowing

### Pros

Less water use
Quick establishment
Moderate shade tolerance

### Cons

Can get clumpy under heavy use
Variable leaf texture

## USES

4th Millennium SRP has demonstrated an extended adaptation range and superior quality in a variety of exacting growing conditions, making it a leading choice for:

* Residential Lawns * Playgrounds *Parks * Institutional Grounds * Sod Production

## SEEDING RATES

New turf: 10 pounds per 1,000 square feet or 400 pounds per acre.
Overseeding existing turf: 6 to 10 pounds per 1,000 square feet or 250-400 pounds per acre.
Seed when soil temperatures are above 60° at a depth of 1/4 inch.
Best times for seeding are early spring and early fall.

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## ESTABLISHMENT

Emergence: 7-10 days under optimum temperature range between 68-86 degrees, longer under cooler temperatures.
First mowing approximately 21 days after emergence (may be longer under cooler temperatures).
First limited use approximately 28 days after emergence.

## SPECIFICATIONS

**4TH MILLENNIUM SRP Turf-Type Tall Fescue**

**Platinum Quality (Exceeds Certified Quality Standards)**
**98% Minimum Purity**
**0.0% Crop and Weed Seed**
**90% Minimum Germination**
250,000 seeds per pound

*4th Millennium SRP is a product of Turf Merchants, Inc and is protected under the US Plant Variety Protection Act.*

Turfgrass Testing Programs Listed:
NTEP: National Turfgrass Evaluation Program www.ntep.org

## CULTURAL INFORMATION

### Water Requirements

Frequent, light watering is necessary for seed to germinate and become established. After establishment, water infrequently but deeply to encourage root development. Tall Fescue is a cool season (C3) grass with a deep root system that enables the plant to draw water from a larger soil profile. Once the grass becomes established it has the ability to withstand summer drought conditions under reduced irrigation schedules. General irrigation guidelines dictate that turf should be watered in early morning hours and that about 1/2 to 3/4 of an inch of water should be applied but not to the point of runoff.

### Climate Conditions

Tall Fescue is widely distributed throughout the United States except in arid regions and the Gulf States and Hawaii. Water usage is lowest in cool humid regions with highest use in arid regions. Once it becomes established it can withstand periods of heat and drought.

### Soil Conditions

Tall Fescue prefers well drained soil (clay or sandy) with a pH of 5.5 to 8.5.

### Fertilization

Use of a starter fertilizer when seeding is highly recommended. After establishment, fertilize during periods of active growth in Spring and Fall with a balanced fertilizer. Avoid using products with a high nitrogen (N) content as it increases water use. Apply no more than 4 pounds of N per 1,000 square feet per year.

### Mowing

Ideal mowing height is between 2 and 3 inches. Lower heights of 1.5 inches may be tolerated under ideal growing conditions. Higher mowing heights of 3 to 4 inches are recommended in summer to reduce heat and drought stress. Never mow more than 1/3 off of the height at one time. Mow during the cooler periods of the day. A mower with sharp blades reduces stress and improves the appearance.

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