STOVER SEED®

Teaming confidence with nature since 1922

PURCHASE

Technical Data and Information Product Sheet

GRAND SLAM™ Turf-Type Perennial Ryegrass Blend, *Platinum Quality*™

DESCRIPTION

Perennial Ryegrass is a cool season bunch grass that is native to Europe and is widely planted as both a pasture grass and turfgrass in the United States. Like tall fescue it spreads by shoots or tillers as opposed to bluegrass which spreads by runners or rhizomes. In the 1970s new varieties were developed that were more acceptable for use as a turfgrass, hence the name "Turf-Type Perennial Ryegrass." These ryegrasses are best suited to the northern and transition climate zones as a permanent turf and in the southern, humid zones as a winter overseeding grass mainly on dormant bermudagrass. Perennial Ryegrasses are also popular in seed mixtures with Kentucky Bluegrasses and Fine Fescues.

With a uniform fine texture and outstanding dark green color, Turf-Type Perennial Ryegrasses grasses exhibit excellent turf quality with little thatch buildup. They establish quickly and with favorable conditions can germinate in as little as 5 days.

There are well over 200 varieties of Turf-Type Perennial Ryegrasses with various traits and characteristics. The varieties chosen for this blend have been tested, highly rated, and exhibit exceptional overall turf quality with disease and drought resistance. It meets our platinum standards of superiority for variety quality and seed purity. Learn More.

CHARACTERISTICS

Features	Benefits
Better heat and drought tolerance	Improved summer performance
Rapid tillering	Excellent wear tolerance and recovery
Excellent seedling vigor	Fast establishment
Grey Leaf Spot resistance	Less susceptible to warm weather disease
Endophyte enhanced	Improved insect and disease tolerance
Improved mowability	Reduced shredding during mowing

Pros	Cons
Quickest establishment of cool season grasses	Can get clumpy under heavy use
Good wear tolerance	Higher water use
Moderate shade tolerance	

USES

Because of its turf quality, low maintenance and drought tolerance, Grand Slam is an ideal choice for:

* Residential Lawns	* Playgrounds	*Parks	*Overseeding
* Golf Courses	*Sports Fields	*Institutional Grounds	

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.

STOVER SEED®

9180 San Fernando Rd * P.O. Box 1579 * Sun Valley, CA 91353

213-626-9668 * 800-621-0315 * FAX 213-626-4920 * www.stoverseed.com

ESTABLISHMENT

Emergence: 5-10 days under optimum temperature range between 68-86 degrees, longer under cooler temperatures.
First mowing approximately 21 days after emergence, longer under cooler temperatures.
First limited use approximately 28 days after emergence.

SPECIFICATIONS

GRAND SLAM™ Turf-Type Perennial Ryegrass Blend
34% Pangea GLR Perennial Ryegrass
33% Paragon 2 Perennial Ryegrass
33% Grand Slam GLD Perennial Ryegrass

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

Note: Depending upon availability, alternate varieties of equal quality and standards may be substituted.

Varieties listed are protected under the US Plant Variety Protection Act. GRAND SLAM™ is a registered trademark of Stover Seed Company.

Pangea GLR Perennial Ryegrass: Outstanding variety with excellent color and grey leaf spot disease resistance. Fast establishment (seedling vigor). Was rated the highest in NTEP trial for overall turf quality.

Paragon 2 Perennial Ryegrass: Exhibits very good wear tolerance, salt tolerance and disease resistance. Top performer in NTEP trials for turf quality.

Grand Slam GLD Perennial Ryegrass: Dark green, very dense with excellent wear tolerance and fast establishment (seedling vigor). Tied for highest NTEP ratings for overall turf quality and an A-List rating for low-input sustainable turf.

Turfgrass Testing Programs Listed:
NTEP: National Turfgrass Evaluation Program www.ntep.org
A-LIST: Alliance for Sustainable Turf www.a-listturf.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. Perennial Ryegrass is a cool season (C3) grass that needs regular irrigation to maintain an acceptable turf. Once the grass becomes established it has the ability to withstand moderate 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

Perennial Ryegrass is widely distributed throughout the United States except in areas of extreme cold and heat. 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

Perennial Ryegrass prefers well drained soil (clay or sandy) with a pH of 5.5 to 7.5.

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 1.5 and 2.5 inches. A lower height of 1 inch 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.

Copyright 2020 Stover Seed Company

STOVER SEED
9180 San Fernando Rd * P.O. Box 1579 * Sun Valley, CA 91353
213-626-9668 * 800-621-0315 * FAX 213-626-4920 * www.stoverseed.com