



Lolium perenne



Plant Breeder: Dr. William Meyer, Pure Seed Testing, Inc.
Experimental Designation - PST-2B3

*Shining Star is a stable and uniform variety. No off-type plants or variants have been observed in the reproduction or multiplication of **Shining Star perennial** ryegrass. **Shining Star** has produced turf of good quality and uniformity. Recent studies at the Virginia Polytechnic Institute and State University found **Shining Star** to be the top overseeded perennial ryegrass out of 35 varieties tested with the largest (100%) post dormant bermudagrass population.*

Characteristics:

- Fine textured leaf
- Good turf density
- Moderate drought tolerance
- Moderate wear tolerance
- Medium shade tolerance
- Excellent transition in spring when used in overseeding warm season grasses.

Recommended Use:

Golf Courses, Parks, Home Lawns, Athletic Fields, Overseeding Warm Season Turfgrasses, and Sod Farms

Climatic Zones:

2, 3, 4, 5, 6, 7, 8, 9, 10 (may not be adaptable to all areas within each zone)

Establishment & Maintenance:

Lime soil to 6.0 – 7.0 pH and follow soil test recommendations for fertilization. Under ideal conditions, germination begins in 6 days. Full germination may take up to 14 days. Subject to germination rate, first mowing may begin at 21 days after sowing.

Seeding Rates:

- Permanent Turf, Parks, & Home Lawns 5 - 10 lbs/1000 sq ft
(2 – 5 kgs/100 sq meters)
- Fairways and Roughs (overseeding) 5 - 10 lbs/1000 sq ft
(2 – 5 kgs/100 sq meters)
- Greens (overseeding) 25 - 35 lbs/1000 sq ft
(11 – 15 kgs/100 sq meters)
- Tees (overseeding) 15 - 20 lbs/1000 sq ft
(6 1/2 - 9 kgs/100 sq meters)

Quality Ratings:

Table 1.

**MEAN TURFGRASS QUALITY RATINGS OF RYEGRASS CULTIVARS
GROWN AT TWENTY-FOUR LOCATIONS IN THE US AND CANADA
1991 – 1994 DATA FROM 1990 TEST
TURFGRASS QUALITY RATINGS 1-9, 9=IDEAL**

NAME	QUALITY MEAN
AFFINITY	6.2
STALLION	6.2
SHINING STAR	6.0
MANHATTAN II (E)	5.8
GATOR	5.8
RIVIERA	5.7
DERBY SUPREME	5.6
PENNANT	5.6
REGAL	5.4
LINN	3.5
LSD VALUE	0.1

These examples represent 10 out of 123 varieties tested in the National Turfgrass Evaluation Program, Final Report 1991-1994, NTEP No. 95-12 from 1990 test. For complete trial data, go to www.ntep.org

Table 2.7

**1999 BERMUDAGRASS POST DORMANCY TRANSITION
AS INFLUENCED BY OVERSEEDED CULTIVARS IN RICHMOND, VIRGINIA**

NAME	POST DORMANCY TRANSITION %
SHINING STAR	100.0
ALLSPORT	98.5
CADDIESHACK	98.3
TIGER	97.5
GOALKEEPER	95.0
CHARGER	93.3

Table 2.10

**1998-1999 TURFGRASS DENSITY OF OVERSEEDED CULTIVARS (MAY 19)
IN RICHMOND, VIRGINIA
TURF DENSITY RATINGS 1-9, 9= DENSE, UNIFORM TURF**

NAME	QUALITY MEAN
SHINING STAR	7.8
ALLSPORT	7.3
GOALKEEPER	7.3
CHARGER	7.3
CADDIESHACK	7.0
TIGER	5.8

Above data based on studies conducted at the Virginia Polytechnic Institute and State University by S. Matthew Wharton.