



Lolium perenne



Plant Breeder:

Dr. William Meyer, Pure Seed Testing, Inc.
Experimental Designation - PST-2R3

Sonata is a fine textured, attractive turf-type perennial ryegrass with superior overall turf quality ratings. It has also exhibited excellent disease resistance, and excellent performance as an overseeding perennial ryegrass in the south. Sonata forms a very fine dense turf with a superior Brown Patch resistance and drought tolerance

Characteristics:

- Excellent Leaf Rust resistance
- Excellent fall performance
- Dark blue-green color
- Fine-textured leaves, dense turf
- Winter color retention
- Good performance under low maintenance conditions
- Superior Brown Patch and Red Thread resistance
- Drought tolerant north of the transition zone

Recommended Use:

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

Climatic Zones:

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

Establishment & Maintenance:

Lime soil to 6.0 pH and follow soil test recommendations for fertilization. Under ideal conditions, germination begins in 6 days. If overseeding, care must be taken to ensure adequate seed to soil contact. Subject to germination rate, first mowing may begin at 21 days after sowing.

Seeding Rates:

- Lawns, Parks, Permanent Turf 5 - 10 lbs /1000 sq ft
(2 - 5 kgs/100 sq meters)
- Fairways and Roughs (overseeding) 5 - 15 lbs/1000 sq ft
(2 - 7 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 PERENNIAL RYEGRASS CULTIVARS
GROWN AT THIRTY LOCATIONS IN THE U.S. AND CANADA
1995 - 98 DATA FROM 1994 TEST
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF**

| NAME | QUALITY MEAN |
|--------------------------|-----------------|
| PALMER III (LRF-94-MPRH) | 6.3 |
| SONATA | 6.0 |
| TOP HAT | 6.0 |
| PRELUDE III | 6.0 |
| BRIGHT STAR | 6.0 |
| BLAZER III | 5.9 |
| ADVANTAGE | 5.8 |
| LINN | 3.5 |
| LSD VALUE | 0.1 |

Table 8.

**LEAF TEXTURE RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1995 - 98 DATA FROM 1994 TEST
LEAF TEXTURE RATINGS 1-9, 9 = VERY FINE**

| NAME | QUALITY MEAN |
|---------------|-----------------|
| CALYPSO II | 7.0 |
| SONATA | 6.9 |
| TOP HAT | 6.7 |
| PRELUDE III | 6.7 |
| BRIGHTSTAR | 6.7 |
| ADVANTAGE | 6.7 |
| BLAZER III | 6.6 |
| LINN | 4.6 |
| LSD VALUE | 0.2 |

Table 34.

**LEAF RUST RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1995 - 98 DATA FROM 1994 TEST
LEAF RUST RATINGS 1-9, 9 = NO DISEASE**

| NAME | QUALITY MEAN |
|--------------------|-----------------|
| DLP 1305 | 8.3 |
| SONATA | 8.0 |
| BRIGHTSTAR | 7.3 |
| ADVANTAGE | 7.0 |
| BLAZER III | 7.0 |
| PRELUDE III | 6.3 |
| TOP HAT | 6.0 |
| SR 4400 (SRX 4400) | 4.0 |
| LSD VALUE | 1.9 |

These examples represent 8 out of 96 varieties tested in the National Turfgrass Evaluation Program, Final Report 1995-98, NTEP No. 99-11 from 1994 test. For complete trial data go to www.ntep.org