



Growing a better tomorrow, today...



Sunrise Primo is a blend of premier quality perennial ryegrass that provides an exceptional turfgrass coverage for either permanent turfgrass coverage or for the overseeding of warm season grasses. Elite perennial ryegrass varieties blended into **Sunrise Primo** include *Applaud II*, *Soprano*, and *1G²*. **Sunrise Primo** has endophyte enhancement due to the high endophyte level of at least one component. **Sunrise Primo** is the top shelf of quality in that it is available Certified, TournamenT Quality® with Penkote®.



DATA 2006

Mean Turfgrass Quality Ratings of Perennial Ryegrass Cultivars Grown at 6 locations in the U.S. and Canada Using "Schedule A (High Maintenance/Fairway)" Turfgrass Quality Ratings 1-9; 9 = Ideal Turf

Table 1

Cultivar	IN1	KY1	NE1	RI1	SD1	UT1	Mean
Fiesta 4	7.6	6.6	5.8	5.9	6.8	6.0	6.4
Soprano	7.0	7.4	5.5	6.0	6.2	5.9	6.3
Line Drive							
GLS	6.6	7.3	5.4	5.4	5.7	5.7	6.0
Top Gun II	7.4	3.5	5.7	6.3	6.6	5.9	5.9
Citation							
Force	7.0	5.2	5.3	5.6	6.0	5.7	5.8
Affinity	4.3	4.2	3.9	4.8	5.4	5.0	4.6
Linn	2.3	1.1	1.1	2.2	2.0	3.6	2.0
LSD Value	0.8	1.7	1.1	0.7	0.8	1.7	0.5

These examples represent a few of the varieties tested in the NTEP 2004 National Perennial Ryegrass Report, 2006 Data, Final Report For complete trial data, go to www.ntep.org

TYPE:

Elite Turf Type Perennial Blend

FEATURES:

- Penkoted® to lock-in fungus protection for the seedling at germination along with protection from soil insects and to stimulate initial growth
- Comprised of a blend of Blue Tag Certified, TournamenT Quality® perennial ryegrass that provides outstanding density, fine texture, and rapid establishment yet will transition in the spring when utilized as an overseeding for warm season grasses
- Rapid establishment along with aggressive tillering, provides a high percentage of coverage yet produces fewer clippings
- Endophyte enhanced for more disease, insect, and stress tolerance

BENEFITS:

- Overall cost savings
- Reduced fertilizer use to achieve the desired turfgrass color
- Reduced need for fungicide application
- Less water required
- Reduced frequency of additional seed needed when used for a perennial turfgrass
- Quick & impressive visual results due to the vigorous establishment

RECOMMENDED USE:

- Golf Courses
- Athletic Fields
- Park Settings
- Home Lawns
- Overseeding Warm Season Grasses



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Lolium perenne

DATA 2006

**Cooperative Turfgrass Breeders Test (CTBT)
2004 Perennial Ryegrass Trial
Lexington, KY**

Cultivar	% Cover	% Cover Rank	Average Turf Quality	Average Turf Quality Rank
Applaud II	93.00	1	6.37	1
1G ²	71.67	17	5.33	16
Prelude GLS	56.67	24	4.83	23
Top Hat II	19.67	36	2.83	35
Promise	11.33	44	1.40	45
LSD Value	19.11		1.17	

The example above is representative of tests in the Cooperative Turfgrass Breeders Test, 2006 Data from the 2004 Perennial Ryegrass Trial For complete trial data, go to www.ctbt-us.info

DATA 2006

**NTEP Fall Density Ratings of Perennial Ryegrass Cultivars
Density Ratings 1-9; 9 = Maximum Density**

Table 18

Cultivar	Mi1	NE1	QE1	Mean
1G ²	7.0	8.7	6.7	7.4
Soprano	6.7	9.0	6.3	7.3
Regal 5	6.7	8.0	6.0	6.9
Secretariat II	4.7	8.7	6.0	6.4
Caddieshack II	4.0	8.3	6.0	6.1
Linn	3.0	6.0	5.3	4.8
LSD Value	1.8	1.0	0.4	0.7

DATA 2006

**NTEP Winter Color Ratings of Perennial Ryegrass Cultivars
Winter Color Ratings 1-9; 9 = Complete Color Retention**

Table 22

Cultivar	OKI
Palace	6.0
Soprano	5.7
Nexus XD	5.0
Brightstar SLT	4.7
Fiesta 4	4.3
Pizzazz	4.3
SR4600	4.0
Pick 02-R	3.7
LSD Value	1.2

These examples represent a few of the varieties tested in the NTEP 2004 National Perennial Ryegrass Report, 2006 Data, Final Report For complete trial data, go to www.ntep.org

OPTIMAL ADAPTATION AREAS:

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



Areas above the Red Line depict adaptation for permanent lawns.

SEEDING RATES:

- Permanent Turf, Athletic Fields, Home Lawns, Fairways & Roughs (Overseeding) 5-10 lbs/1000 sq ft (2-5 kgs/100 sq meters)
- Greens (For Overseeding) 25-35 lbs/1000 sq ft (11-15 kgs/100 sq meters)
- Tees (Overseeding) 15-20 lbs/1000 sq ft (6 ½ -9 kgs/100 sq meters)

ESTABLISHMENT:

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.

MAINTENANCE:

Subject to germination rate, first mowing may begin a 21 days or sooner after sowing.

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