

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Large seed which contributes to seedling vigor and establishment
- Superior sod strength
- Great wear tolerance
- Medium dark green color
- Good disease resistance to Summer Patch, Leaf Spot, Pythium Blight, Red Thread and Yellow Ring
- Excellent resistance to Dollar Spot
- Uses: Ideal for commercial turf, parks, sports fields and home lawns

BENEFITS

- Reduced maintenance
- Rapid recovery
- Good disease resistance
- Rapid establishment
- Drought tolerance

SEEDING RATES

- Seeds/lb: 990,000
New Turf:
2–3 lbs/1,000 sq ft
or 90–125 lbs/acre
- Overseed Rate:
1–2 lbs/1,000 sq ft
or 40–90 lbs/acre

BENEFITS

- Germination: 14–21 days under ideal conditions
- First limited use: 4–6 weeks

SR 2100 Kentucky Bluegrass

SR 2100 Kentucky Bluegrass is a unique Kentucky bluegrass developed for the needs of sod growers, sports turf managers and home owners. It is a vigorous, very aggressive variety with medium dark green color and good turf performance. SR 2100 has produced excellent results in sod tensile strength trials carried out by multiple universities.



History

SR 2100 is an advanced hybrid developed by Dr. C. Reed Funk of Rutgers University. The mother of SR 2100 was A80-336, an exceptionally vigorous hybrid from the cross breeding of A-25 and Touchdown. Both of these Kentucky bluegrasses are vigorous, aggressive turf-type selections from old turf sites on golf courses in Chicago, IL and Southampton,

NY. A80-336 was pollinated by other Kentucky bluegrasses, including 'Baron' and 'Julia' varieties, in a greenhouse at Rutgers in late winter of 1985. An attractive hybrid (H86-683) was identified and released to Seed Research of Oregon for further evaluation. After much additional testing and analysis of the genetics, the apomixis level, the commercial seed yield potential and turf quality at numerous locations, the variety was released as SR 2100.

Characteristics

SR 2100 shows good resistance to Summer Patch, Leaf Spot, Pythium Blight, and Red Thread and good recovery from Yellow Ring. It has shown excellent resistance to Dollar Spot, which combined with its drought tolerance and recovery make it a good choice for lower maintenance sites.

The extensive rhizome development on SR 2100 sod gives it the ability to establish rapidly, withstand adversity and recover quickly. The high sod tensile strength allows sod containing this variety to be easily lifted and at a younger age. The sod will also establish rapidly when placed on site. SR 2100 has shown excellent drought resistance and rapid recovery. These traits are important for sod growers, home owners and professional turf managers. The medium dark green color combined with its other characteristics makes SR 2100 Kentucky bluegrass ideal for inclusion in blends with other bluegrasses and perennial ryegrasses. Good quantities of high quality seed are available.

PVP
IMPROVEMENT THRU RESEARCH



Dollar Spot Ratings of Kentucky Bluegrass Cultivars
1995 National Kentucky Bluegrass Test - Measured in 7 Locations in the United States
Grown Under Medium/High Input

Dollar Spot Ratings 1-9; 9=No Disease

Variety	Mean	Goldrush	7.6	Baron	7.2	North Star	6.2
Showcase	8.6	Arcadia	7.5	Nustar	7.1	Limousine	5.6
SR 2100	7.6	Nuglade	7.5	Blacksburg	7.0	Pepaya	4.7
Midnight	7.6	Champagne	7.4	Shamrock	6.7	LSD Value	0.7

Summer Patch Ratings of Kentucky Bluegrass Cultivars 1995
National Kentucky Bluegrass Test - Measured in 5 Locations in the United States
Grown Under Medium/High Input - 1996-2000 Data

Summer Patch Ratings 1-9; 9=No Disease

Variety	Mean	Midnight	7.8	Blacksburg	7.1	Shamrock	6.2
Apollo	8.3	Odyssey	7.7	Baron	6.9	Cardiff	5.6
Showcase	8.1	Limousine	7.5	Goldrush	6.8	LSD Value	0.8
SR 2100	8.0	Nustar	7.2	Champagne	6.8		

Sod Strength Ratings of Kentucky Bluegrass Cultivars
1995 National Kentucky Bluegrass Test - Measured in Maryland and Nebraska
Grown Under Medium/High Input

Sod strength measured in kilograms of tension – higher number is stronger sod

Variety	Mean	Shamrock	30.3	Nustar	22.7	Blacksburg	15.3
Princeton	35.8	SR 2100	28.2	Champagne	21.3	Baruzo	12.7
Arcadia	32.5	Goldrush	27.0	Eclipse	20.3	LSD Value	14.6
Showcase	32.3	Baron	23.0	Limousine	18.3		

Seedling Vigor Ratings of Kentucky Bluegrass Cultivars
1995 National Kentucky Bluegrass Test - Measured in 24 Locations in the United States
Grown Under Medium/High Input

Seedling Vigor Ratings 1-9; 9=Maximum Vigor

Variety	Mean	SR 2100	5.4	Midnight	5.1	Sodnet	3.6
Baronie	6.6	Shamrock	5.3	Nustar	5.0	LSD Value	0.3
Kenblue	6.4	Baron	5.2	North Star	4.7		
Champagne	5.5	Blacksburg	5.1	Award	4.6		

To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.