

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Excellent Dollar Spot and Brown Patch resistance
- Leaf texture and density matches Dominant blends
- Excellent turf quality
- Vigorous moderately dense growth
- Bright, dark green color
- Uses: Ideal for use on greens, tees and fairways

BENEFITS

- Reduced fungicides
- Versatile for use on greens, tees and fairways
- Lower input requirements
- High performance
- Increased genetic diversity

SEEDING RATES

- Seeds/lb:
Approximately 6,000,000
- New turf: 1–1.5 lbs/1,000 sq ft
or 45–65 lbs/acre
or 5–7.5 gr/m²
or 50 to 75 kgs/hectare)
- Overseeding/Interseeding:
2–3 lbs/1,000 sq ft
or 90–135 lbs/acre
or 10–15 gr/m²
or 100–150 kgs/hectare)

ESTABLISHMENT

- Emergence 3–5 days (6–10 days in cooler weather)
- First mowing: approximately 21 days, depending on usage
- First limited use: approximately 6–8 weeks depending on conditions

1150 Creeping Bentgrass

SR 1150 Creeping Bentgrass was developed to add genetic diversity and traits to the Seed Research line of superior bentgrass products and can be blended into the Dominant Blends. Care was taken in the development that the texture, density and color will not segregate and will form a uniform surface. SR 1150 brings even higher levels of Dollar Spot resistance and adds new genetics to the blend while requiring the same level of maintenance.



History

The development of SR 1150 traces to genetic studies on dollar spot resistance by Dr. Stacy Bonos of Rutgers University. Eleven resistant progeny of resistant x resistant crosses were used as the parents of SR 1150. After crossing, the resulting progeny were sent to Seed Research and selected for uniformity based on color, texture and growth form. Comparisons were made between these plants and parental plants of other SR line bentgrasses to insure a good match.

Uses

SR 1150 was developed to form a vigorous, moderately dense bentgrass fairway, tee or green under lower maintenance conditions. It will not form thatch as readily as more dense varieties. It has a bright, dark green color and a moderate leaf texture. It demonstrates high resistance to Dollar Spot, Brown Patch and Pink Snow Mold. SR 1150 can be used alone or with other SR bentgrasses in our Dominant Blends in new construction or in overseeding to improve existing stands.

PVP
IMPROVEMENT THRU RESEARCH



1150

Creeping Bentgrass

2003 NTEP — Fairway or Tee Trials

Leaf Texture Ratings of Creeping Bentgrass Cultivars Grown on a Fairway or Tee

2004 Data

Leaf Texture Rating: 1-9; 9=Very Fine

Cultivars	Mean	PennLinks II	7.3	Kingpin	6.9	LSD Value*	0.5
Declaration	7.8	L-93	7.0	SR 1119	6.8		
PennEagle II	7.3	SR 1150	7.0	Penncross	6.3		
Mackenzie	7.3	Alpha	6.9	Seaside	5.3		

2003 NTEP Trial

Density Of Creeping Bentgrass Cultivars in Fairway or Tee Trials

2004 Data

Turf Grass Quality Ratings 1-9; 9=Highest Density

Cultivar	Spring Density	Summer Density	Fall Density	Cultivar	Spring Density	Summer Density	Fall Density
Shark	8.3	7.6	7.6	SR 1119	7.4	6.9	7.4
MacKenzie	6.6	7.2	7.7	L-93	7.3	6.6	7.3
T-1	7.9	7.2	7.7	Independence	7.2	7.0	7.3
Declaration	7.8	7.6	7.8	Pennlinks II	7.1	6.8	7.4
SR 1150	7.8	7.4	7.6	Penncross	6.9	6.1	6.7
Kingpin	7.7	7.3	7.8	LSD @ 5%	0.4	0.4	0.3
PennEagle II	7.4	7.1	7.4				

2003 NTEP — Fairway or Tee Trials

Quality Ratings of Creeping Bentgrass Cultivars on a Fairway or Tee at Four Locations in the NorthEast

2004 Data

Turfgrass Quality Rating: 1-9; 9=Ideal Turf

Cultivars	Mean	SR 1150	6.4	Pennlinks II	5.9	LSD @ 5%	0.3
Declaration	7.0	Alpha	6.3	Kingpin	6.0		
MacKenzie	6.7	SR 1119	6.1	L-93	5.7		
PennEagle II	6.5	Independence	6.1	Princeville	5.2		

2003 NTEP — Fairway or Tee Trials

Percent of Dollar Spot Ratings of Creeping Bentgrass Cultivars on a Fairway or Tee at Lexington, KY.

2004 Data

Cultivars	Mean	Kingpin	5.4	SR 1119	8.9	Independence	17.1
Declaration	0.6	MacKenzie	7.4	Alpha	9.1	LSD @ 5%	4.5
Pennlinks II	3.4	Penncross	8.6	Shark	9.3		
SR 1150	5.3	L-93	8.7	T-1	12.2		

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.