

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Improved heat tolerance, and excellent cool weather performance
- Increased resistance to Dollar Spot and Brown Patch
- Uniform, dark green color
- Very fine upright growth
- Reduced thatch production
- Wide range of climatic adaptations from New England to the Pacific Northwest, Canada, and the Transition Zone of North America
- Uses: Ideal for use on greens, tees & fairways

BENEFITS

- Extremely fast germination, strong seedling vigor and rapid establishment
- High results at a variety of mowing heights
- Excellent performance in greens, tees, and fairways, especially under lower nitrogen fertility management

SEEDING RATES

- New turf: 1–1.5 lb/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 90–135lbs/acre or 10–15 gr/m² or 100 –150 kgs/hectare
- Seeds/lb Approximately 6,000,000

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

SR 1119 Creeping Bentgrass

SR 1119 Creeping Bentgrass is another winner in the line of bentgrasses developed by Seed Research of Oregon. This exciting variety is the result of nine years of extensive testing and evaluation. The long term performance of your greens and fairways is important to us, and we believe any breeding program should include these long term trials. You can trust Seed Research to release bentgrass varieties only after extensive on-site golf course evaluations.



Breeding

SR 1119 was developed from the original Providence (SR 1019) germplasm collection that was started at URI in the 1960s. Sixty-three plants were selected for color, texture and seed yield, and were evaluated for turf quality in two experimental greens. The five clones selected from the green, as the parent material for SR 1119, showed exceptional Dollar Spot resistance, uniform color and texture, and were of excellent turf quality.

Beginning in 1993, green and tee trials of SR 1119 were planted at The Honors Course and The Legends Course in Tennessee, North Shore Country Club in Illinois, Chargin Valley Country Club in Ohio and The Country Club of Rochester in New York. Since its introduction to the market, scores of greens, tees and fairways have been converted to SR 1119 across North America, both as a single variety and in Seed Research blends.

Maintenance

SR 1119 requires the same standard of management as Providence. The basic maintenance requirements for SR 1119 include frequent light top dressing, reduced nitrogen fertility (3 to 5 pounds of nitrogen annually), and occasional grooming. Today's golf course superintendents need to provide the very best putting surfaces while keeping an eye on economy and environmental stewardship. Due to SR 1119's lower fertility requirements and excellent disease resistance, maintenance inputs are greatly lowered. SR 1119 will maintain fast putting.

PVP
IMPROVEMENT THRU RESEARCH



SR 1119

Creeping Bentgrass

1998 Bentgrass Fairways/Tees NTEP - Quality Rating
1/2 inch Mowing Height at Ten Locations
2001 Data

Creeping Bentgrass Quality Rating: 1-9; 9=Ideal Turf

Variety	Mean	SR 1119	6.1	Backspin	5.9	Seaside	4.2
Sandhill	6.2	Trueline	6.1	Penneagle	5.7	<i>LSD Value*</i>	0.3
L-93	6.2	Grand Prix	6.0	Penncross	5.7		

1998 Bentgrass Greens NTEP - Brown Patch (Warm Temperatures)
Grown at 2 Locations (NJ, PA)
2000 Data

Creeping Bentgrass Brown Patch Rating: 1-9; 9=No Disease

Variety	Mean	Penn G-6	6.8	Penn A-2	6.3	Penn A-4	6.0
Sandhill	7.7	Crenshaw	6.7	Backspin	6.2	Penn A-1	4.8
SR 1119	6.8	Pencross	6.7	L-93	6.0	<i>LSD Value*</i>	1.2

1998 NTEP Bentgrass Greens
Percent Dollar Spot Ratings, 3 locations (AL, KY, NY)
2000 Data

Lowest Rating Being the Least Percentage of Dollar Spot

Variety	Mean	Providence	8.1	L-93	10.9	Century	18.0
Pennlinks	6.3	Brighton	8.7	Crenshaw	13.0	<i>LSD Value*</i>	6.6
SR 1119	7.6	Backspin	10.2	Imperial	13.8		
Sandhill	8.1	Penncross	10.3	Penn A-4	14.1		

1997 USGA/GCSAA/NTEP On-Site Bentgrass Greens Test
1998 Data - Burlingame, CA

Quality & Genetic Color Rating 1-9, 9=Ideal Turf, Darkest Green

Variety	Quality	Color	Variety	Quality	Color	Variety	Quality	Color
SR 1119	7.8	7.7	Penn G-1	7.7	7.7	Backspin	7.2	6.7
Penn A-1	7.8	7.3	Penn G-6	7.7	7.3	Cato	7.2	7.0
L-93	7.8	8.0	Putter	7.4	7.0	Penncross	6.1	6.0
Penn A-4	7.7	7.3	Crenshaw	7.3	7.3	<i>LSD Value*</i>	0.6	1.2

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.