

# SEED RESEARCH OF OREGON

The germination of ideas

## FEATURES

- Durable, attractive turf on greens, tees and fairways
- For nearly 20 years, the industry standard for versatility and overall performance
- Dark green and fine textured
- Upright, dense growth
- Reduced thatch accumulation
- Early spring green-up
- Later fall color retention
- Performs well on improved sand or native soil

## BENEFITS

- Excellent Brown Patch, *Pythium sp.*, Snow Mold and Dollar Spot resistance
- High shoot density for fast wear recovery and uniform color and texture
- NTEP standard for overall quality and performance
- Excellent performance for winter overseeding of dormant bermuda greens

## SEEDING RATES

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

## ESTABLISHMENT

- Germination: 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

## PROVIDENCE

CREeping BENTGRASS

**Providence** (SR 1019) creeping bentgrass remains an industry standard for improved, broadly adapted bentgrasses from the Genetics by Seed Research breeding program. It combines excellent cool weather performance with uniform color and texture. Providence performs well under Summer stress conditions, especially when maintained at low to moderate nitrogen fertilization. Providence has a dense growth habit which greatly reduces *Poa annua* invasion.



Providence was developed from the original germplasm collection of Dr. Richard Skogley who spent nearly 25 years testing and evaluating the individual plant materials for improved color, leaf texture, stand density and disease resistance. With its release in 1987, Seed Research of Oregon introduced to the golf industry the first significant improvement in bentgrass since 1956. Providence is an all-around performer, uniquely suited for greens, tees and fairways. While providing superb playing surfaces at fairway/tee heights, Providence also excels at heights as low as 1/10th of an inch.

### Application

Providence is perfectly adapted for greens, tees and fairways over a broad range of climatic conditions, but it truly shines in colder climates where early Spring green-up and late Fall color retention are essential. Its broad genetic base creates an unmatched variety, resistant to *Pythium sp.*, Brown Patch, Snow Mold (pink and gray) and Dollar Spot; an excellent choice where pesticide inputs are restricted. Because of its dark green color and fine texture, Providence can be blended with any of the other fine Seed Research of Oregon creeping bentgrasses for added genetic diversity.

Since 1987, Providence has created superior playing surfaces across North America, Europe, Asia and anywhere top-flight turf is demanded.

**PVP**

IMPROVEMENT THRU RESEARCH

# PROVIDENCE

CREEPING BENTGRASS

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

## 1998 Fairway/Tee Bentgrass NTEP Drought Tolerance/Recovery, Missouri 2000 Data

*Drought Tolerance (Recovery) Rating: 1-9; 9=Complete Recovery*

Variety	Mean	Providence	2.7	Penncross	2.0	Seaside II	1.3
Brighton	3.3	Penneagle	2.3	Seaside	1.7	Pennlinks	1.0
Penn G-6	3.3	Princeville	2.3	Tiger II	1.7	LSD Value*	2.1
SR 1119	3.3	L-93	2.0	Grand Prix	1.3		

## 1998 Fairway/Tee Creeping Bentgrass NTEP Percent of Poa Annua, West Lafayette, IN 1999 – 2002 Data

*Lowest Rating Being the Least Percentage of Poa Annua*

Variety	Mean	Providence	11.7	Penneagle	14.2	Pennlinks II	20.0
Penncross	10.8	Seaside II	13.3	Grand Prix	14.2	Seaside	27.5
Penn G-6	10.8	L-93	13.3	Imperial	15.8	LSD Value*	11.1

## 1998 Bentgrass Fairway/Tee NTEP Spring Color Ratings of Creeping Bentgrass, Virginia 1999–2002 Data

*Color Ratings 1–9; 9=Complete Green*

Variety	Mean	Grand Prix	4.7	Penneagle	3.7	Penncross	3.0
Providence	5.7	Imperial	4.3	Seaside II	3.3	LSD Value*	1.5
Brighton	5.0	Princeville	4.3	Trueline	3.3		
Pennlinks II	5.0	L-93	3.7	Penn G-6	3.0		

## 1998 Bentgrass Greens NTEP Color Ratings of Creeping Bentgrass, Auburn, AL 2001 Data

*Color Ratings 1–9; 9=Complete Color Retention*

Variety	Mean	Providence	6.8	Penncross	6.2	Imperial	5.8
Sandhill	7.6	SR 1119	6.8	Penn A-1	6.1	Backspin	5.3
Brighton	7.0	Penn G-1	6.8	Pennlinks	6.0	Bavaria	3.7
Penn A-4	7.0	L-93	6.4	Penn G-6	5.9	LSD Value*	1.1

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.