

## *007 Creeping Bentgrass Sets A New Turf Performance Standard for Establishing Greens, Tees, and Fairways*

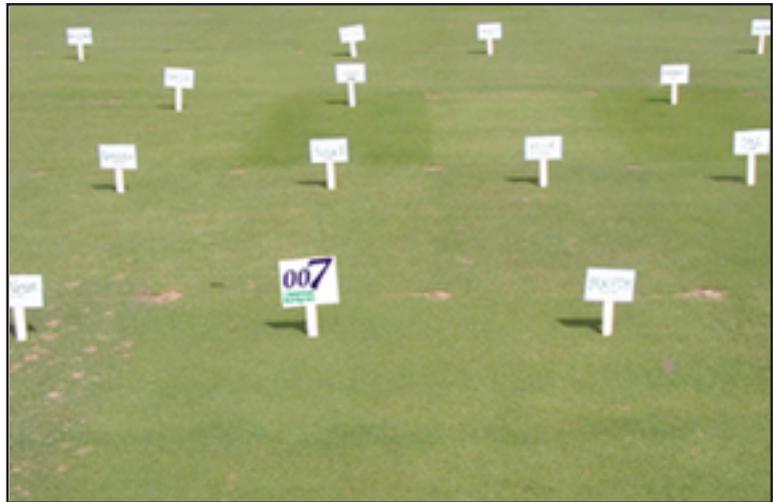
# 007

Creeping  
Bentgrass

The variety *007* (experimental 'DSB') is an advanced generation creeping bentgrass variety developed by the New Jersey Agricultural Experiment Station (Rutgers University) working in cooperation with Richard Hurley, Ph.D. The team of turfgrass breeders that worked on developing *007* included Drs. Bill Meyer, Stacy Bonos, and Virginia Lehman.

Seed of *007 Creeping Bentgrass* will be exclusively produced and marketed by Seed Research of Oregon, a company well known for offering only high quality bentgrass varieties to the world golf course market. Dr. Leah Brillman, Research and Technical Services Director for Seed Research, says "The high turf quality and stress resistance, combined with improved levels of Dollar Spot resistance, made *007* a desirable acquisition for the Seed Research line of high quality bentgrass products."

Over a dozen years ago, Richard Hurley, working in conjunction with Drs. C.R. Funk and Virginia Lehman, developed the very successful L-93 creeping bentgrass variety. As the name indicates, L-93 became fully available for commercial purchase by golf course superintendents in 1993, and has been a very popular and high performance variety. Since then, many advances have been made in bentgrass development to keep up with the changing needs of the modern professional golf superintendent. Hurley



*Rutgers University, New Jersey — 2004 Stress Trials.*

has identified *2007* as the inspiration for the naming of this new variety. Seed of *007* will be available in limited quantities in the fall of 2005 and full commercial availability for spring planting 2007.

Recommended uses for *007* include seeding or sodding golf course putting greens, tees, and fairways on new courses and renovations, as well as in overseeding conversions on greens planted to older, poor performing varieties that need to be updated. This new creeping bentgrass variety will adapt well for low mowing on greens, as well as for reduced fungicide management on fairways and tees. Hurley says, "If you liked the performance of our L-93 variety, the new *007 Creeping Bentgrass* is even better." Enhanced Dollar Spot resistance and superior turf quality make this variety the perfect choice for all levels of golf course projects, especially those located in stressful environments – *007* will be incorporated into the Dominant blends as production comes on line.

All individual parental clones of creeping bentgrass used in the development of *007* were selected for improved Dollar Spot resistance, bright dark green leaf color, excellent winter color with no purpling and a vigorous, uniform, moderately dense growth habit.

*007 Creeping Bentgrass* has a broad genetic base developed using twenty four parent plants, including plants identified from the varieties L-93 and Southshore. Additional clones were collected from older greens on high stress golf courses in the northeast USA. This new, improved variety is well adapted to any U.S. and overseas areas where creeping bentgrass is being utilized for golf course greens, tees and fairways.

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## Variety Highlights

- Improved resistance to Dollar Spot
- Excellent for greens, tees and fairways on new or renovated projects
- Moderately high turf density, with top ratings in the NTEP trials
- Great performance under stress conditions
- Bright dark green, with good winter color
- Well suited for low fungicide input tees and fairways
- Maintains well under reduced mowing height greens maintenance

*First Year NTEP test results show great promise for 007 Creeping Bentgrass.*

### 2003 National Turfgrass Evaluation Program (NTEP)

### 2004 Turf Quality Ratings

### Bentgrass Putting Green Trials Creeping Bentgrass Varieties

*Turfgrass Quality Ratings 1-9; 9 = Ideal Turf*

<b>007 (DSB)</b>	<b>6.3</b>
Phenom (235050)	6.3
Declaration	6.3
Shark (23-R)	6.3
<b>Tyee</b>	<b>6.2</b>
CY-2	6.2
T-1	6.2
Penn A-1	6.1
IS A-9	6.1
Independence	6.1
Memorial (A03-EDI)	6.1
<b>MacKenzie</b>	<b>6.0</b>
LS-44	6.0
Bengal	5.9
Alpha	5.9
13M	5.9
Kingpin (9200)	5.8
Benchmark DSR	5.8
Pennlinks II	5.7
Penncross	5.2
<i>LSD .05%</i>	<i>0.2</i>