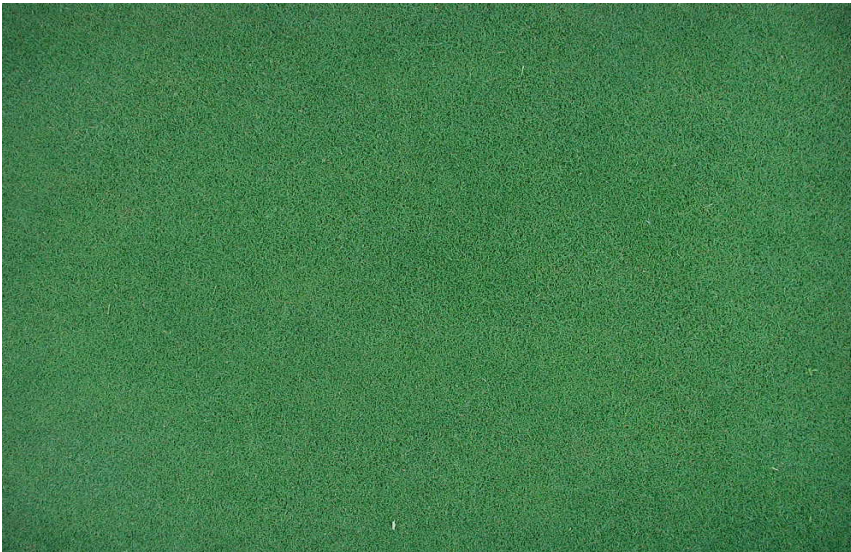




Growing a better tomorrow, today...

Agrostis stolonifera

13M is the top rated creeping bentgrass in resistance to the number 1 fungus affecting manicured turfgrass, Dollar Spot. This high density, fine leaf textured bentgrass provides an outstanding year-round stand of turfgrass that is less prone to scalping which are features that turf managers see every day when planting bentgrass. **13M** readily accepts topdressing to control the thatch mat buildup without extensive preparation i.e. verticutting or spiking. **13M** solves many of the dilemmas that plague so many decision-making processes at quality golf courses and playing courts.



Light box Photography courtesy of the University of Arkansas

2006 DATA

**Mean Turfgrass Ratings of Creeping Bentgrass Cultivars Grown on a Fairway or Tee at 4 Locations in the Transition Region
Turfgrass Quality Ratings 1-9; 9= Ideal Turf**

Table 2B

Cultivar	KS1	KY1	OK1	VA1	Mean
13M	5.7	7.2	7.1	7.1	6.8
L-93	5.7	7.0	7.0	6.8	6.6
PennLinks II	5.9	6.7	6.0	6.7	6.3
Shark	4.9	6.4	6.0	7.0	6.1
Declaration	4.9	6.6	6.2	5.9	5.9
Seaside	4.2	4.4	5.3	6.6	5.1
LSD Value	0.8	0.6	1.0	1.7	0.6

These examples represent a few of the varieties tested in the NTEP 2003 National Bentgrass – Fairway/Tee Report, 2006 Data
For complete trial data, go to www.ntep.org

TYPE:

Premium Creeping Bentgrass

FEATURES:

- Superb attributes for Golf Course, Putting Green, and Croquet Course
- Excellent quality for Golf Course Fairways and Tees
- Top Rated Dollar Spot Resistance
- Provides outstanding year round density
- Exceptional fine leaf texture
- Less prone to scalping

BENEFITS:

- The disease resistance of 13M allows turf managers to realize a savings in fungicide applications including the chemical and labor cost
- The versatility of 13M permits a turf manager to utilize this creeping bentgrass in a multitude of applications
- The fine leaf texture and year round density is what every turf manager seeks in a turfgrass
- Less scalping is due to a smaller amount of thatch buildup

RECOMMENDED USE:

- Golf Courses Greens
- Golf Course Tees
- Golf Course Fairways
- Tennis and Croquet Courts
- Bowling Tops



Growing a better tomorrow, today...



Agrostis stolonifera

2006 DATA

Mean Turfgrass Ratings of Creeping Bentgrass Cultivars Gown on a Fairway or Tee at 5 locations in the Northeast Region
Turfgrass Quality Ratings 1-9; 9 = Ideal Turf

Table 1B

Cultivars	MA1	NJ1	NY1	PA1	QE1	Mean
Shark	4.3	6.5	7.3	7.1	5.3	6.1
13M	4.9	6.3	6.6	6.8	5.3	6.0
Declaration	4.7	5.5	6.5	7.1	5.3	5.8
L-93	4.8	5.3	6.8	5.6	5.4	5.6
PennLinks II	4.7	4.7	7.2	5.1	5.7	5.5
Seaside	4.0	1.2	6.9	2.5	4.3	3.8
LSD Value	0.6	0.8	0.4	0.8	0.3	0.3

2006 DATA

Leaf Texture Ratings of Creeping Bentgrass Cultivars Grown on a Fairway or Tee
Leaf Texture Ratings 1-9; 9 = Very Fine

Table 11B

Cultivars	CA7	IA1	MI1	QE1	Mean
Shark	8.3	7.0	7.0	7.0	7.3
13M	8.0	7.3	6.7	6.7	7.2
Independence	8.0	6.3	6.3	6.7	6.8
Declaration	7.7	6.3	6.3	6.3	6.7
PennLinks II	7.7	5.7	3.7	6.3	5.8
Seaside	6.7	5.7	2.7	6.7	5.4
LSD Value	0.6	1.5	1.5	0.8	0.6

2006 DATA

Fall Density Ratings of Creeping Bentgrass Cultivars Grown on a Fairway or Tee
Density Ratings 1-9; 9 = Maximum Density

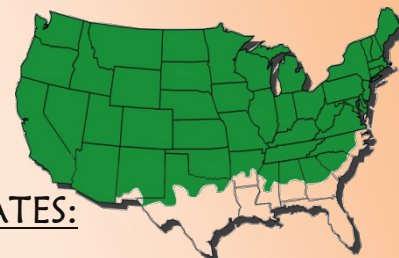
Table 14B

Cultivar	CA7	MI1	MN1	ND1	NE1	NJ1	QE1	VA1	Mean
Authority	9.0	7.3	6.7	4.3	7.7	8.0	7.7	8.0	7.3
13M	8.7	7.0	6.3	4.7	9.0	7.3	7.0	8.0	7.2
L-93	8.7	6.3	6.7	5.0	8.7	5.0	7.0	7.0	6.8
PennEagle II	8.7	6.0	5.7	4.0	8.0	6.7	7.7	7.7	6.8
PennLinks II	8.7	3.7	4.0	4.0	8.3	4.0	7.0	7.7	5.9
Seaside	7.3	3.0	1.0	5.0	7.3	1.0	5.0	6.3	4.5
LSD Value	0.8	1.7	1.2	1.3	1.3	0.9	0.6	1.0	0.4

These examples represent a few of the varieties tested in the NTEP 2003 National Bentgrass – Fairway/Tee Report, 2006 Data
For complete trial data, go to www.ntep.org

OPTIMAL ADAPTATION AREAS:

Climatic Zones: 2, 3, 4, 5, 6, 7, 8, 9, 10 (may not be adaptable to all areas within each climatic zone)



SEEDING RATES:

- New Construction (bare ground)
1-1 ½ lb/1000 sq ft (1/2 – ¾ kg/meters)
- Overseeding (existing greens)
½ - 1 lb/1000 sq ft (1/4 – ½ kg/100 meters)
- Winter Overseeding (Bermuda greens)
1 lb/1000 sq ft (1/2 kg/100 sq meters)

ESTABLISHMENT:

Sow seed with a filler in three directions on a well saturated seed bed. After seeding, lightly rake in two directions and roll to assure a firm seed bed. Seed will germinate best when soil temperature is above 65° F (18°C). Irrigate frequently and lightly until seedlings are established. Avoid excess watering and puddling.

MAINTENANCE:

First cutting for greens should be 0.225 to 0.25 inch (6.0 to 6.4 mm) in approx. 30 days; 0.1875 in. (4.8 mm) in 60 days; 0.125 in. (3.2 mm) in 90 days. Maintain at approx. 0.125 in. (3.2 mm). Applying sand topdressing is best to prevent layering during the grow in phase. The playing surface can be ready for play in 90 days or may be longer dependent on weather.

Pennington Seed, Inc.
Madison, GA
1-800-588-0512

Email: proturfsolutions@penningtonseed.com
www.penningtonseed.com