

Developed and tested as Syn 88-1 at Texas A&M University, Mariner creeping bentgrass is a nine-clone synthetic variety that is ideal for golf putting greens, fairway surfaces, and other areas where high quality, closely mowed turf is desirable.

DESCRIPTION:

Mariner's area of adaptation and utility includes wherever bentgrass is being used, in addition to having strong adaptation to saline areas where Seaside bentgrass has been used in the past.

A direct re-selection of Seaside, Mariner retains the salt tolerance of Seaside, but is much improved in uniformity, turf performance, and heat and drought tolerance over Seaside. During extensive testing in turf trials and on golf courses, Mariner has demonstrated excellent heat and drought tolerance and is very persistent during summer stress periods.

USAGE:

Mariner is recommended for use on fairways, tees and greens where deep roots and outstanding heat and drought tolerance are desired. Mariner can be used alone and also in blends with elite varieties such as Cato. It can be planted straight for new turf or used to overseed and thicken existing turf. Winter hardy and well adapted to northern areas as well as the south, Mariner can be successfully used wherever creeping bentgrass is found.

SEEDING:

Mariner has excellent seedling vigor. Among creeping bentgrasses, Mariner is one of the quickest establishing. All Mariner seed is Oregon certified and grown according to the highest standards. Each pound of Mariner contains about 7,000,000 seeds ready to grow. Suggesting seeding rates for new seedings are 1 – 2 pounds per 1000 sq. ft. on tees and greens and 60 lbs. per acre for fairways. For overseeding existing turf, use about ½ or ¾ of the new seeding rate.

MARINER

CREEPING BENTGRASS

MAINTENANCE:

Management of Mariner turf is similar to that of other creeping bents. It is important to provide a balanced fertility to the turf, even during the summer stress periods. Light summer feedings of around ¼ to ½ pound actual N per 1000 sq. ft. per month will help maintain summer performance and root growth.

TECHNICAL PRODUCT SPECIFICATIONS

Year of Introduction	1999
Main Uses	Golf course greens, tees and fairways
Seed Count	7,000,000 seeds / lb.
Normal Days to Germinate	6 – 9 days (Fall)
Normal Days to First Mowing	21 – 28 days (Fall)
NTEP Quality Ratings (1994 – 1997 Data)	Good – 5.5
Genetic Color	Medium green – 5.9
Summer Stress Tolerance	Excellent (Dallas, TX Data)
Leaf Texture	Medium fine
Turf Density	Medium dense – 6.4 (Fall)
Shade Tolerance	Fair
Wear Tolerance	Good – 7.3 (MO Data)
pH Range	4.7 – 8.2
Mature Plant Height	Low
Close Mowing Tolerance	Excellent
Growth Rate	Medium
Fusarium Patch Resistance	Good – 6.0
Leaf Spot Resistance	Excellent – 8.0
Salt Tolerance	Excellent (AZ Data) – best in test
Brown Patch Resistance	Fair – 5.0
Dollar Spot Resistance	Good – 6.1 at 11 locations