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Key points

- Extremely salt tolerant
- Outstanding turf quality
- Bright green colour
- Excellent drought tolerance
- Very good disease tolerance in saline conditions

Characteristics and areas of use

Sea Spray Seeded Seashore Paspalum is a warm-season perennial grass which displays a prostrate growth habit that forms a moderately dense but uniform sward. It thrives in warm to hot climates, produces a deep rooting system and has aggressive stolon and rhizome activity. Sea Spray performs well in reduced light situations such as rainy, cloudy, foggy, or in smoggy environments, its tolerance to shade is better than that of most bermudagrasses.

Sea Spray is well suited to areas at sea level. Its ability to withstand short term inundation means that it's a perfect choice for locations with a low water table or in tidal situations. Sea Sprays cold tolerance is similar to most bermuda grasses, it displays good winter colour in mild climates.

Sea Spray suits a wide variety of turf situations which include golf tees, fairways and roughs, parks, home lawns, recreational areas, erosion control and most coastal sites that are influenced by salt. This wide range of use is due to the grass plant's tolerance of most soil types, its ability to withstand ph levels between 4.5 – 9.0 and its unique ability to withstand soils or irrigation water with salt contents up to 34,000ppm NaCl, this also makes Sea Spray the perfect choice for surfaces watered with recycled or bore water.



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Breeding history

O.J. Noer began distributing paspalum in the south eastern United States around 1925, deriving his source materials from the #13 fairway on the marsh course at Sea Island Golf Club, where it had already established itself when the club was built.

In 1998, Pure-Seed Testing, Inc., in cooperation with the University of Georgia, started work on developing an improved, seeded variety of seashore paspalum. For many years Pure-Seed Testing, Inc. evaluated seashore paspalum clones to determine the parents of Sea Spray which would produce viable seed. Turf-Seed, Inc. licensed Sea Spray in 2003 and continued research in seed production techniques while increasing production of the variety. Sea Spray was introduced into the golf course industry in 2005.

Sowing rate and maintenance

Seed at 10 g/m² – 100 kg/ha.

Sea Spray seed needs to be stored in an area with low humidity and cool temperatures, ideally in an air conditioned environment and should be used within 45–60 days of receipt. Seed should be planted late spring through mid-summer to achieve a quality sward prior to the arrival of cooler temperatures. The seed should be sown at a depth of 5-10mm, good soil to seed contact is necessary. The cultivated seedbed should be kept moist during germination and early establishment. Sea Spray germinates in 10-17 days given optimal soil conditions of 18–26 °C. It is not recommended to plant Sea Spray in soil temperatures below 15 °C. Full coverage can be expected in approximately 8–10 weeks and a first mowing is recommended when turf reaches approximately 2.5 cm in height to promote horizontal growth.

Seashore paspalum is sensitive to some herbicides, check compatibility before making herbicide applications.

Sea Spray is coated with Zeba, a product which is designed to increase moisture retention around the seed resulting in faster germination and establishment times. Soil analysis is recommended to ascertain annual fertiliser requirements for the specific site being sown. Generally, Sea Spray requires around 100-150 kg of high salt index fertilisers.



1,760,000 seeds per kilo

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