

MONACO BERMUDAGRASS



MONACO
BERMUDAGRASS

MONACO BERMUDAGRASS:

Exclusively from Barenbrug, Monaco is continuing the legacy founded by Riviera. The newest release from the Johnston Seed breeding program, Monaco, *Cynodon dactylon* var. *dactylon*, is a synthetic variety produced by the intercrossing of five clonal parent lines. Commercial seed is only produced from the Syn-1 generation which results in superior genetic integrity and seed quality year in and year out.

Monaco is a superior seeded bermudagrass that is excellent for use on golf courses, sports turf, and higher quality lawns. It has excellent density and wear tolerance. Bred for a genetically darker green color, it also has quicker spring green-up, high fall color retention, and winter hardiness, Monaco will make a great addition to your landscape!

MONACO ADVANTAGES:

- Quick Spring Green Up
- High Fall Color Retention
- Exceptional Winter-Hardiness
- Excellent Density
- Exceptional Wear Tolerance
- Genetically Darker Green Color



YELLOW JACKET WATER MANAGER

Yellow Jacket Water Manager was developed by Barenbrug. It is the first Seed Enhancement Technology worldwide managing the amount of water around the seed and in the soil around the seedling. Water distributes the Water Manager throughout the soil to create a Plant Survival Zone.

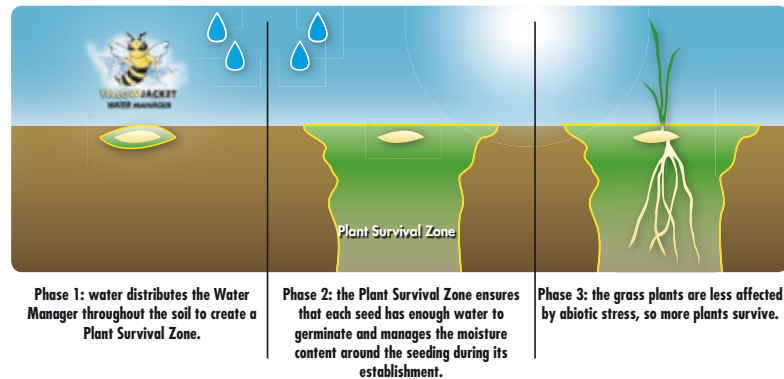


Plant Survival Zone

The Plant Survival Zone ensures that each seed has enough water to germinate and manages the moisture content around the seedling during its establishment. This helps to ensure:

- More successful germination;
- Germination under extreme conditions;
- Guaranteed establishment;
- More survivors.

FIGURE 1: THE EFFECT OF YELLOW JACKET WATER MANAGER AND THE PLANT SURVIVAL ZONE.



So the growing conditions are optimised, substantially reducing the amount of stress suffered by the plant. This leads to more vital grass plants and a sward that develops much faster.

MONACO BERMUDAGRASS



MONACO
BERMUDAGRASS

ESTABLISHMENT:

For best results with this grass, Monaco should be planted in areas of full sunlight when soil temperatures reach 65° F (18° C) and rising. Seeding rate is 2 to 3 pounds of Monaco seed per 1000 square feet (1 to 1.5 kg/100 square meters) in a well-prepared firm seedbed. Cover seed with no more than 1/4 inch (6mm) of soil. Maintain adequate soil moisture around seed using frequent but light irrigation.

During the grow-in phase, it is recommended to apply 0.5 lbs. nitrogen/1000 square feet every 2 weeks with the first application made 2 weeks after emergence. Continue this schedule for 60 to 90 days then apply 0.75 to 1.5 lbs. nitrogen/1000 square feet each month of the growing season. The management intensity level will determine the amount of nitrogen required monthly. Sports turf installations should use the higher rate while residential lawns may prefer to use the lower rate. It should also be noted that in fall, when Monaco is preparing for dormancy, it is recommended to apply additional amounts of potassium while significantly reducing nitrogen.

MAINTENANCE:

Begin mowing the new stand approximately 3 to 4 weeks after emergence depending on the conditions at the time of establishment. The recommended minimum mowing height during establishment is 1 inch. Once the sod matures, the mowing height can be gradually reduced to a minimum of 3/8 of an inch. As the mowing height is decreased, the required management level will be increased.

AREA OF ADAPTATION:

Monaco is well adapted to the transition zone and regions where bermudagrass is currently grown.

TRIAL DATA:

TURFGRASS QUALITY:

RIVIERA	5.9
MONACO	5.9
PRINCESS 77	5.7
YUKON	5.4
KASHMIR	5.2
NORTH SHORE SLT	5.0
LSD= (0.05) 0.7	

SPRING GREEN-UP:

MONACO	5.3
RIVIERA	5.2
YUKON	4.9
NORTH SHORE SLT	4.9
PRINCESS 77	4.7
NUMEX-SAHARA	4.6
LSD= (0.05) 0.5	

FALL COLOR: (NOVEMBER)

MONACO	5.8
RIVIERA	5.8
NUMEX-SAHARA	5.7
KASHMIR	5.5
PRINCESS 77	5.5
NORTH SHORE SLT	5.3
LSD= (0.05) 0.4	

**Data from 2016 NTEP Trials*