

MONACO BERMUDAGRASS



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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. All 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 BIOSTIMULATOR®

Yellow Jacket Biostimulator® stimulates young grass plants in their initial development, ensuring a healthy start of their growth into mature healthy plants.



YELLOW JACKET
ENHANCED SEED TECHNOLOGY

Seeds that have been treated with Yellow Jacket Biostimulator® contain the plant hormones cytokinin and auxin, biostimulants and enzymes promoting the plant's metabolism. These hormones, enzymes and biostimulants are provided by natural ingredients and promote the formation of a quickly developing, healthy, resilient sward. The plant hormones cytokinin and auxin are both essential in the formation and division of cells (= growth); they stimulate root growth and the development of sprouts, promoting the growth and establishment of the young grass plants.

Seeds enhanced with Yellow Jacket Biostimulator® offer the following advantages:

- ✓ **Better root development promoting**
 - ✓ faster emergence
 - ✓ efficient uptake of nutrients for optimum initial development
 - ✓ efficient uptake of water for better resistance to drought
- ✓ **Better sprout development promoting**
 - ✓ efficient photosynthesis
 - ✓ faster establishment
- ✓ **Greater resistance to diseases**

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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 to the south 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*