

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- High turf quality with fast establishment
- Dark green color
- Dense, fine texture
- High seedling vigor
- Increased winter hardiness
- Excellent for golf tees, fairways and roughs, sports fields, parks and commercial landscapes

BENEFITS

- Fast establishment
- Superb drought tolerance
- Excellent overall turf quality
- Uniform dark green color
- Improved performance under humid conditions

SEEDING RATES

- New Turf: 2–3 lbs/1,000 sq ft or 90–125 lbs/acre
- Repair of existing turf: 0.5–1.5 lbs/1,000 sq ft or 25–65 lbs/acre
- Seeds/lb: Approximately 1.5–2 million

ESTABLISHMENT

- Germination: 5–7 days
- First mowing: 18–21 days, depending on usage
- Full coverage: 4–6 weeks under ideal conditions



LaPaloma Turf-Type Seeded Bermudagrass has proven to be a perfect choice for any high-end turfgrass project, including golf tees, fairways and roughs, plus sports fields throughout the world. This high-quality, dark green, dense and fine-textured seeded bermudagrass is a release from Dr. Leah Brillman, Research Director for Seed Research of Oregon.



Germplasm collected by Dr. Brillman, along with Dr. Jack Murray on older turf sites in Maryland, was screened over several years in Maryland, Florida and Oregon for turf quality, seed yield and cold tolerance characteristics. The early progeny from these original plants were tested for turfgrass quality ratings at several university and commercial turfgrass sites in Texas and Arizona, with high ratings from independent turfgrass researchers.

Characteristics & Advantages

LaPaloma exhibits finer leaf texture than most seeded bermudagrass varieties available. In certain trials, it is comparable for overall turf quality to Yukon, Princess, and Riviera. LaPaloma has improved cold tolerance, and has shown better persistence under low light conditions caused by overcast, cloudy conditions, or shade from trees and structures.

LaPaloma exhibits short plant height – a distinguishing characteristic among available seed propagated varieties. It is noted for good stolon length, for rapid cover and fill-in on planting sites – important for earlier opening and use of planted projects.

LaPaloma is ideally suited as a straight variety, or as a component in a certified blend, such as LaPrima. It can be seeded into new turfgrass projects, or interseeded into existing seeded or vegetative bermuda to improve the overall quality of a turfgrass site.



**Turfgrass Color and Quality of Seeded Bermudagrass Cultivars in Olathe, KS
Maintained Under Lawn Conditions
2003 Data**

*Genetic Color Ratings: 1-9; 9=Dark Green
Turfgrass Quality Ratings: 1-9, 9=Ideal Turf*

Variety	Genetic Color	Quality	Variety	Genetic Color	Quality	Variety	Genetic Color	Quality
Yukon	7.7	5.8	Riviera	6.3	5.1	Arizona Common	6.7	3.9
SR 9554	6.3	5.4	Mohawk	6.7	5.0	Princess 77	7.0	3.8
^{La}Paloma	6.3	5.2	Southern Star	6.3	4.7	<i>LSD Value*</i>	<i>1.4</i>	<i>0.8</i>
Transcontinental	6.3	5.2	Numex Sahara	6.7	4.5			
Panama	7.0	5.1	Sundevil II	6.7	4.5			

**Turfgrass Quality of Seeded Bermudagrass Cultivar – 2003
Under High Maintenance in Light Shade. Pomona, CA**

Turfgrass Quality Ratings: 1-9; 9=Ideal Turf

Variety	Mean	Riviera	5.9	Sundevil II	5.7	Panama	5.4
Princess 77	6.2	Transcontinental	5.8	Mohawk	5.6	Sunbird	5.4
^{La}Paloma	5.9	Arizona Common	5.7	Sunstar	5.6	<i>LSD Value*</i>	<i>1.1</i>
Yukon	5.9	NuMex Sahara	5.7	SR 9554	5.4		

**Fall Density Ratings of Seeded Bermudagrass Cultivars
in 2003 Bermudagrass NTEP**

Density Ratings: 1-9; 9=Maximum Density

Variety	Mean	Sunbird	5.4	Sunstar	5.2	<i>LSD Value*</i>	<i>0.6</i>
Riviera	5.8	Southern Star	5.4	NuMex Sahara	5.2		
^{La}Paloma	5.6	Sundevil II	5.4	Mohawk	5.0		
Princess 77	5.5	Panama	5.3	Arizona Common	4.8		

**Turfgrass Quality of Seeded Bermudagrass Cultivars in the 2003 NTEP
Under Reduced Irrigation in Lexington, KY**

Turfgrass Quality: 1-9, 9=Ideal Turf

Variety	Mean	SR 9554	6.0	Panama	5.6	NuMex Sahara	4.6
Sunbird	6.3	Princess 77	5.9	Riviera	5.6	<i>LSD Value*</i>	<i>0.9</i>
Transcontinental	6.1	Sundevil II	5.9	Sunstar	5.4		
^{La}Paloma	6.0	Mohawk	5.6	Arizona Common	4.6		

* *LSD: To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.*

** *CV: (Coefficient of Variation) Indicates the percent variation of the mean in each column.*