

# SEED RESEARCH OF OREGON

*The germination of ideas*

## FEATURES

- High cold tolerance
- Excellent spring Dead Spot resistance
- Early spring green-up
- Short internodes for higher density
- Superior salt tolerance
- Outstanding drought tolerance
- Excellent choice for golf course tees and fairways, sports turf, parks and landscapes

## BENEFITS

- Superb winter hardiness
- High stolon density
- Uniform dark green color
- Reduced vertical growth
- Increased fall color retention
- Superior drought tolerance

## SEEDING RATES

- Seeds/lb: 1–2 million
- Seeds/kg: 2.2–4.4 million
- New Turf:  
2–3 lbs/1,000 sq ft  
10–14 gr/m<sup>2</sup>  
90–125 lbs/acre
- Repair of existing turf:  
0.5–1.5 lbs/1,000 sq ft  
3–8 gr/m<sup>2</sup>

## ESTABLISHMENT

- Germination: 7–10 days
- First mowing: Approximately 21 days, depending on usage
- Full coverage: 30 days
- First limited use: 60–90 days



**Yukon** seeded turf-type bermudagrass is the best choice for turf managers who need a seeded bermudagrass, no matter what bermuda growing zone they are in – world-wide! Developed by the Oklahoma State University Turfgrass Research Team, in conjunction with the USGA, Yukon's five parental plants were selected in 1990 from a cold hardy study, based on their high turf quality. Yukon is the most dramatic improvement in seeded bermudagrass varieties to date.

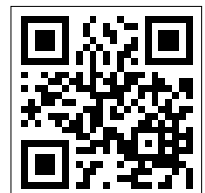


## Advantages

Yukon uses up to 25% less water than other bermudagrasses, while maintaining superior turf quality. In multiple locations and over a decade of use Yukon has surpassed all other seeded varieties and many of the vegetative varieties for spring Dead Spot resistance, early spring green-up and winter survival.

## Performance

Yukon has expanded the bermudagrass planting zone — it is the turfgrass professional's top choice for projects from the Equator through the transition zones of the world. In trials, it has shown excellent turf quality and winter hardiness at both 0.5 inch and 1.5 inch mowing heights. Yukon can be seeded on new projects, as well as interseeded into existing turf of similar quality. With highest ratings for turfgrass quality, color, density and texture, Yukon Bermudagrass is the best choice for turf managers, wherever bermudagrass is grown. Additionally, with its excellent winter survival and cold tolerance, Yukon becomes a stand-alone choice for transition zone plantings. Yukon blends well with other turf-type bermudagrasses.





## Turfgrass Quality Ratings of Named Bermudagrass Cultivars Grown under Saline Stress at Las Cruces, New Mexico. 2007 NTEP (2008 Data)

Turfgrass Quality Ratings: 1-9; 9=Ideal Turf							
Cultivar	Quality	Cultivar	Quality	Cultivar	Quality	Cultivar	Quality
<b>Yukon</b>	<b>6.5</b>	Riviera	5.8	SunSport	5.3	<i>LSD @ 5%</i>	0.8
<b>Veracruz</b>	<b>6.3</b>	Patriot	5.7	NuMex-Sahara	4.9		
Princess 77	6.3	Hollywood	5.4	Midlawn	4.8		
Tifway	6.3	Pyramid 2	5.3	Premier	4.2		

## Genetic Color Ratings of Named Bermudagrass Cultivars at 12 Locations 2007 NTEP – 2008 Data

Genetic Color: 1-9; 9=Ideal Turf							
Cultivar	Quality	Cultivar	Quality	Cultivar	Quality	Cultivar	Quality
Patriot	7.7	Princess 77	6.8	Riviera	6.4	<i>LSD @ 5%</i>	0.4
Premier	7.3	<b>Veracruz</b>	<b>6.5</b>	NuMex-Sahara	6.2		
Tifway	7.3	Hollywood	6.5	SunSport	6.1		
<b>Yukon</b>	<b>7.1</b>	Pyramid 2	6.5	Midlawn	6.1		

## Percent Establishment of Named Bermudagrass Cultivars at Gainesville, Florida from Fall 2007 to Summer 2008. 2007 NTEP (2008 Data)

Cultivar	Mean	Cultivar	Mean	Cultivar	Mean	Cultivar	Mean
SunSport	67.1	Pyramid 2	60.5	<b>Veracruz</b>	<b>52.3</b>	<i>LSD @ 5%</i>	8.2
NuMex-Sahara	63.0	Hollywood	56.7	Patriot	52.0		
Princess 77	62.2	Premier	56.2	Riviera	50.0		
<b>Yukon</b>	<b>62.1</b>	Tifway	54.4	Midlawn	45.0		

## Spring Dead Spot Ratings of Bermudagrass Cultivars at Blackburg, VA, 2003 NTEP Mean Rating 2005-2006

Cultivar	Mean	Cultivar	Mean	Cultivar	Mean	Cultivar	Mean
<b>Yukon</b>	<b>8.7</b>	Contessa	7.1	MS-Choice	6.2	Southern Star	5.7
Tifway	7.7	Premier	6.9	Sunbird	6.0	SunStar	5.4
Midlawn	7.6	<b>La Paloma</b>	<b>6.8</b>	Celebration	5.9	Mohawk	4.8
Patriot	7.4	<b>Veracruz</b>	<b>6.6</b>	Panama	5.9	Transcontinental	4.6
Riviera	7.4	Arizona Common	6.6	Princess 77	5.8	<i>LSD @ 5%</i>	1.6
TiSport	7.4	Sovereign	6.5	SunDevil II	5.8		

## Mean Ranking in the Transitional Zone of Available Seeded Bermudagrass Cultivars (Patton, A. 2009 [http://www.uaex.edu/Other\\_Areas/publications/PDF/MP477.pdf](http://www.uaex.edu/Other_Areas/publications/PDF/MP477.pdf))

Mean Ranking of Quality, Winter Hardiness, Color, Spring Dead Spot, Establishment and Divot Recovery with 1 Being the Best Rank for Each Category.

Cultivar	Mean	Cultivar	Mean	Cultivar	Mean	Cultivar	Mean
<b>Yukon</b>	<b>4.9</b>	Barbados	8.8	<b>La Paloma</b>	<b>10.4</b>	SunDevil II	13.8
Contessa	5.0	<b>SR 9554</b>	<b>9.3</b>	SunStar	11.4	Mohawk	15.5
Sovereign	5.3	Transcontinental	9.3	Princess 77	12.1	Arizona Common	15.5
Riviera	6.8	Sunbird	9.8	Sultan	12.8	NuMex-Sahara	16.8
<b>Veracruz</b>	<b>8.7</b>	SunSport	10.3	Southern Star	13.3		

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.