

# 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** (*Cynodon dactylon*) seeded turf-type bermudagrass. It 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 Turf Research Team, in conjunction with the USGA, Yukon's parental plants were selected in 1990 from a cold hardy study, based on their high turf quality. Yukon Bermudagrass is a dramatic improvement in seeded bermudagrass varieties.



## 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 high 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 is an excellent choice for blending with other turf-type bermudagrasses.

## YUKON

TURF-TYPE BERMUDAGRASS

### Quality During Drought Stress at College Station, TX

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

Cultivar	Quality	Cultivar	Quality
Yukon	6.0	Rio	5.2
Monaco	6.0	North Shore SLT	4.8
Princess 77	5.9	Numex-Sahara	4.7
Riviera	5.4	LSD	0.5

### Spring Dead Spot 2015 NTEP at Columbia, MO

Disease Ratings: 1-9; 9 = Ideal Turf

Cultivar	Disease	Cultivar	Disease
Yukon	9.0	Princess 77	Dead
Riviera	7.7	Numex-Sahara	Dead
Monaco	7.0	North Shore SLT	Dead
Rio	6.3	LSD	2.4

### Turfgrass Quality Ratings 2015 NTEP at Blacksburg, Virginia

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

Cultivar	Quality	Cultivar	Quality
Yukon	7.0	Rio	6.1
Latitude 36	7.0	Princess 77	4.4
Riviera	6.6	North Shore SLT	3.4
Monaco	6.4	LSD	0.9

### Winter Kill (%) 2014 NTEP

Winterkill % in (IN, KY): % Winterkill

Cultivar	% Mean	Cultivar	% Mean
Yukon	22.8	Rio	68.7
Riviera	55.5	Princess 77	93.7
Latitude 36	57.3	Numex-Sahara	98.8
Monaco	59.7	LSD	12.7

### Establishment (%) 2013 NTEP at College Station, TX

Establishment Percentage (%)

Cultivar	in July (%)	Cultivar	in July (%)
North Shore SLT	80.0	Monaco	53.3
Yukon	61.7	Riviera	35.0
Rio	56.7	Princess 77	36.7
Numex-Sahara	60.0	LSD	32.1

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.