

# SEED RESEARCH OF OREGON

The germination of ideas

## FEATURES

- Excellent turf quality and high density
- Fast germination for rapid cover
- Excellent winter color retention
- Vibrant, dark green color
- Drought tolerant
- High winter hardiness
- Uses: Ideal for use on golf course tees, fairways and roughs, sports fields, parks and home lawns, wherever bermudagrass is adapted

## BENEFITS

- Adapted for all maintenance levels
- Excellent wear tolerance
- Tolerates poor quality and effluent water
- High performance from transition zone to the equator
- Rapid divot recovery
- Uniform turf surface
- High fertilizer efficiency
- Withstands variable soil conditions

## SEEDING RATES

- (Coated) Seeds/lb: 1,000,000
- (Coated) Seeds/kg: 2,200,000
- New Turf
  - 2 - 3 lbs/1000 ft
  - 10 - 14 gr/m<sup>2</sup>
  - 90 - 125 lbs/acre
- Repair of Existing Turf
  - 0.5 - 1.5 lbs/1000 ft
  - 3 - 8 gr/m<sup>2</sup>
  - 25 - 65 lbs/acre

## ESTABLISHMENT

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



**ROYAL TXD** - Blending bermudagrass (*Cynodon dactylon* var. *dactylon*) varieties with complimentary traits can produce a superior turf for sports, golf, landscape and home lawns. ROYAL TXD is a high performance blend combining YUKON with MIRAGE 2, ROYAL BENGAL or other similar varieties. YUKON provides a tighter denser turf. With its shorter internode length and fine leaf texture. YUKON will dominate over time to increase overall turf density and wear tolerance. YUKON, MIRAGE 2 and ROYAL BENGAL all rate high for resistance to the primary bermudagrass disease Spring Dead Spot, with YUKON consistently top ranked since its development. ROYAL BENGAL provides added resistance to Leaf Spot diseases and lower pH soils, due to its origin in higher humidity tropical conditions. Both MIRAGE 2 and ROYAL BENGAL are noted for quick germination and fast establishment to reduce erosion and get a new turfgrass project open and in use sooner. MIRAGE 2, ROYAL BENGAL and YUKON all green up earlier in spring than many competing varieties and show extended green color and growth into Fall to help with higher wear tolerance. Fast divot and wear recovery are key to bermudagrass growth on any project and all three varieties in ROYAL TXD BERMUDAGRASS BLEND deliver, once the turf is established. All bermudagrass varieties are considered drought tolerant, but YUKON maintains excellent turf quality under 25% reduction in irrigation, a trait that becomes more critical with changing weather patterns around the world.



ROYAL TXD can be used from the transition zone through temperate, subtropical and tropical areas of the world. This premium product is easily planted from seed allowing for much faster and easier establishment. Interseeding in spring with ROYAL TXD can also add these improved traits to any existing stand of vegetative or seeded bermudagrass.



### 2003-2006 NTEP - Spring Dead Spot - Blacksburg, VA

*Spring Dead Spot Ratings: 1 - 9, 9 = Best*

<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>
<b>Yukon</b>	<b>8.7</b>	Sunbird	4.0	Mohawk	4.8
<b>Mirage 2</b>	<b>7.9</b>	Panama	5.9	Transcontinental	4.6
Riviera	7.4	Princess 77	5.8	LSD @ 5%	1.8

### 2003-2006 NTEP - Turf Quality at 9 Locations in the Transition Region

*Turfgrass Quality Ratings: 1 - 9, 9 = Best*

<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>
<b>Yukon</b>	<b>6.0</b>	Princess 77	5.0	Numex Sahara	4.5
Riviera	6.0	Panama	4.8	Arizona Common	4.3
<b>Mirage 2</b>	<b>5.4</b>	Sunstar	4.6	LSD @ 5%	0.3

### Percent Spring Dead Spot 2007 Bermudagrass NTEP – 2012 Data - AR Seeded Named Bermudagrasses

*Percent of Spring Dead Spot*

<i>Variety</i>	<i>%</i>	<i>Variety</i>	<i>%</i>	<i>Variety</i>	<i>%</i>	<i>Variety</i>	<i>%</i>
<b>Yukon</b>	<b>5.0</b>	<b>Pyramid 2</b>	<b>15.0</b>	Gold Glove	25.0	Sunsport	58.3
<b>Royal Bengal</b>	<b>8.3</b>	Hollywood	16.7	Veracruz	35.0		
Riviera	8.3	Princess 77	23.3	Numex-Sahara	35.0	LSD @ 5%	19.8

### Turfgrass Quality 2007 Bermudagrass NTEP – 2009 Data Blacksburg, VA Named Seeded Bermudagrass

*Turfgrass Quality: 1 – 9; 9 = Best*

<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>
<b>Yukon</b>	<b>7.6</b>	<b>Pyramid 2</b>	<b>7.1</b>	Princess 77	6.4	Numex Sahara	5.9
<b>Royal Bengal</b>	<b>7.3</b>	Riviera	7.1	Sunsport	6.2		
Hollywood	7.3	Gold Glove	6.9	Veracruz	6.2	LSD @ 5%	0.7

### Percent Winter Kill 2007 Bermudagrass NTEP 2007-12 Data Named Seeded Bermudagrass Mean of OK and VA

*Percent of Winter Kill*

<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>	<i>Variety</i>	<i>Mean</i>
<b>Yukon</b>	<b>1.5</b>	<b>Royal Bengal</b>	<b>27.5</b>	Princess 77	61.5	Numex-Sahara	67.3
Riviera	5.8	<b>Pyramid 2</b>	<b>41.7</b>	Sunsport	62.2		
Hollywood	7.5	Gold Glove	41.7	Veracruz	63.3	LSD @ 5%	18.9

*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.*