

The germination of ideas

FEATURES

- Unique genetics source, for higher genetic diversity
- Excellent seedling vigor and early establishment
- · Very dark green color
- · High turf density
- Reduced invasion by crabgrass and summer weeds
- Superior adaptation for higher humidity areas and acidic soils
- Reduced height of growth, for less scalping injury
- Good disease resistance (Spring Dead Spot & Leaf Spot)
- Uses: Sports fields, golf tees & fairways, parks, schools and lawns

BENEFITS

- · Versatile for all sites
- Excellent for repairs of any bermudagrass
- High heat, drought and salt tolerance
- · Reduced inputs
- Excellent for blending with other improved seeded bermudagrasses

SEEDING RATES

- Seeds/lb: 1,000,000
 Seeds/kg: 2,200,000
- New turf:
 2–3 lbs/1,000 sq ft
 10–14 grams/sq m
 90–125 lb/acres
- Repair Rates:
 0.5–2 lbs/1000 sq ft
 3–10 grams/sq m
 25–90 lbs/acre

ESTABLISHMENT

- Germination: 5–7 days under optimal conditions
- First mowing: 10-21 days
- First limited use: Approximately 4–6 weeks depending on conditions



Royal Bengal Turf-Type Bermudagrass (exp. PSG-9BAN) (Cynodon dactylon) was developed with high turf quality and unique genetics to increase the adaptation of bermudagrass in the United States and the World. The bermudagrass genus has centers of origin in Africa, Indian subcontinent and China. Most cultivars originate



from African
germplasm with a
few recent ones
tracing back to
China. Royal Bengal
uniquely comes from
material selected in
the Indian
subcontinent from
Bangladesh.

Royal Bengal exhibits high turf quality across a range of environments. Tropical to arid and up to the Transition zone it has shown

good performance. It has shown moderate cold tolerance and good resistance to Spring Dead Spot. It tolerates high heat, drought and saline conditions. Royal Bengal has high density with aggressive stolons and rhizomes. The high density helps prevent weed invasion.

Royal Bengal can be used for sports fields, home lawns, parks, schools and golf course tees and fairways. Its rapid establishment makes it excellent for repairing damaged areas, in seeded or vegetative bermudagrasses.





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		Quality 2007 By of Named Se					
		Turfo	rass Oual	ity 1-9; $9 = Best$			
Variety	Mean	Variety Variety	Mean	Variety	Mean	Variety	Mean
Riviera	6.1	Princess 77	5.7	Pyramid 2	5.6	Numex-Sahara	5.1
Royal Bengal	5.8	Veracruz	5.7	Gold Glove	5.5		0.7
Yukon	5.6 5.7		5.7		5.2	LSD @ 5%	0.7
YUKON	5.7	Hollywood	3.7	Sunsport	3.2		
F	Percent Est	ablishment 20		mudagrass N Bermudagras		07 Data AZ	
					363		
Variety	% Esta.		rceni oj E % Esta.	Establishment Variety	% Esta.	Variety	% Esta.
Numex-Sahara		,	70.0	•	% Esta. 61.7	-	29.6
Royal Bengal	78.3	Riviera Veracruz	66.7	Hollywood	61.7	LSD @ 5%	29.0
				Pyramid 2			
Sunsport	78.3	Princess 77	66.7	Gold Glove	45.0		
Per	cent Spring			rmudagrass l Bermudagras		012 Data - AR	
		Perc	ent of Spi	ring Dead Spot			
Variety	%	Variety	%	Variety	%	Variety	%
Yukon	5.0	Pyramid 2	15.0	Gold Glove	25.0	Sunsport	58.3
Royal Bengal	8.3	Hollywood	16.7	Veracruz	35.0	LSD @ 5%	19.8
Riviera	8.3	Princess 77	23.3	Numex-Sahara		L5D @ 570	19.0
Tarreta	0.5	Timeess //	23.3	Trainer Banar	4 55.0		
	Turfgrass	Quality 2007 Named		ıdagrass NTE I Bermudagra		Data MS	
	Turfgrass	Named	Seeded			Data MS	
Variety	Turfgrass Mean	Named	Seeded	l Bermudagra		Data MS Variety	Mean
<i>Variety</i> Princess 77	Mean	Named Turfgr	Seeded rass Qual Mean	Bermudagra ity $1-9$; $9 = Best$	SS Mean		Mean 4.9
Princess 77	Mean 6.0	Named Turfgr Variety	Seeded rass Qual Mean 5.8	Bermudagra ity $1-9$; $9 = Best$ Variety	Mean 5.8	<i>Variety</i> Numex-Sahara	
1	Mean	Named Turfgr Variety Hollywood	Seeded rass Qual Mean	Bermudagra ity 1–9; 9 = Best Variety Riviera	SS Mean	Variety	4.9
Princess 77 Royal Bengal Yukon	Mean 6.0 5.9 5.8	Named Turfgr Variety Hollywood Gold Glove Pyramid 2	Seeded rass Qual Mean 5.8 5.8 5.8	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport	Mean 5.8 5.8 5.7	<i>Variety</i> Numex-Sahara	4.9 0.3
Princess 77 Royal Bengal Yukon	Mean 6.0 5.9 5.8	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm	Seeded rass Qual Mean 5.8 5.8 5.8 udagra	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport	Mean 5.8 5.8 5.7	Variety Numex-Sahara LSD @ 5%	4.9 0.3
Princess 77 Royal Bengal Yukon	Mean 6.0 5.9 5.8	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport SS NTEP – 20	Mean 5.8 5.8 5.7	Variety Numex-Sahara LSD @ 5%	4.9 0.3
Princess 77 Royal Bengal Yukon	Mean 6.0 5.9 5.8	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra	Mean 5.8 5.8 5.7	Variety Numex-Sahara LSD @ 5%	4.9 0.3
Princess 77 Royal Bengal Yukon Turf	Mean 6.0 5.9 5.8 grass Quali	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named 3 Turfgr	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best	Mean 5.8 5.8 5.7 09 Data E	Variety Numex-Sahara LSD @ 5% Blacksburg, VA	4.9 0.3
Princess 77 Royal Bengal Yukon Turf Variety Yukon	Mean 6.0 5.9 5.8 grass Quali Mean 7.6	Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named 3 Turfgr Variety Pyramid 2	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport SS NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77	Mean 5.8 5.8 5.7 09 Data E ass Mean 6.4	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara	4.9 0.3 Mean
Princess 77 Royal Bengal Yukon Turf	Mean 6.0 5.9 5.8 grass Quali	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety	Mean 5.8 5.8 5.7 09 Data E	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety	4.9 0.3 Mean 5.9
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal	Mean 6.0 5.9 5.8 grass Quali Mean 7.6 7.3	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety Pyramid 2 Riviera Gold Glove	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 7.1 6.9	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport SS NTEP - 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz	Mean 5.8 5.8 5.7 09 Data E ISS Mean 6.4 6.2 6.2	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5%	4.9 0.3 Mean 5.9
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal	Mean 6.0 5.9 5.8 grass Quali Mean 7.6 7.3 7.3	Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named 3 Turfgr Variety Pyramid 2 Riviera	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 7.1 6.9	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport SS NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz nudagrass NT	Mean 5.8 5.8 5.7 09 Data E ss Mean 6.4 6.2 6.2 6.2	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5%	4.9 0.3 Mean 5.9
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal Hollywood	Mean 6.0 5.9 5.8 Grass Quali Mean 7.6 7.3 7.3 Percent N	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety Pyramid 2 Riviera Gold Glove Winter Kill 200 ed Seeded Be	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 6.9 07 Bern ermuda	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz nudagrass NT grass Mean Winter Kill	Mean 5.8 5.8 5.7 09 Data E SS Mean 6.4 6.2 6.2 TEP 2007 of OK and	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5% -12 Data d VA	4.9 0.3 Mean 5.9 0.7
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal Hollywood	Mean 6.0 5.9 5.8 Grass Quali Mean 7.6 7.3 7.3 Percent Name	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety Pyramid 2 Riviera Gold Glove Winter Kill 200 ed Seeded Ber Variety	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 7.1 6.9 07 Bern ermuda Percent of Mean	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz nudagrass Nagrass Mean Winter Kill Variety	Mean 5.8 5.8 5.7 09 Data E 185 Mean 6.4 6.2 6.2 TEP 2007 of OK and Mean	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5% -12 Data d VA Variety	4.9 0.3 Mean 5.9 0.7
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal Hollywood Variety Yukon	Mean 6.0 5.9 5.8 Grass Quali Mean 7.6 7.3 7.3 Percent Name Mean 1.5	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety Pyramid 2 Riviera Gold Glove Winter Kill 200 ed Seeded Ber Variety Royal Bengal	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 6.9 07 Bern ermuda Percent of Mean 27.5	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz nudagrass NT grass Mean Winter Kill Variety Princess 77	Mean 5.8 5.8 5.7 09 Data E SS Mean 6.4 6.2 6.2 TEP 2007 of OK and Mean 61.5	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5% -12 Data d VA Variety Numex-Sahara	4.9 0.3 Mean 5.9 0.7
Princess 77 Royal Bengal Yukon Turfo Variety Yukon Royal Bengal Hollywood	Mean 6.0 5.9 5.8 Grass Quali Mean 7.6 7.3 7.3 Percent Name	Named Turfgr Variety Hollywood Gold Glove Pyramid 2 ty 2007 Berm Named S Turfgr Variety Pyramid 2 Riviera Gold Glove Winter Kill 200 ed Seeded Ber Variety	Seeded rass Qual Mean 5.8 5.8 5.8 udagra Seeded rass Qual Mean 7.1 7.1 6.9 07 Bern ermuda Percent of Mean	Bermudagra ity 1–9; 9 = Best Variety Riviera Veracruz Sunsport ss NTEP – 20 Bermudagra ity 1–9; 9 = Best Variety Princess 77 Sunsport Veracruz nudagrass Nagrass Mean Winter Kill Variety	Mean 5.8 5.8 5.7 09 Data E 185 Mean 6.4 6.2 6.2 TEP 2007 of OK and Mean	Variety Numex-Sahara LSD @ 5% Blacksburg, VA Variety Numex Sahara LSD @ 5% -12 Data d VA Variety	4.9 0.3 Mean 5.9 0.7

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.