

**2006 Pasture and Forage Crop Variety Recommendations**  
**-Warm Season Plants-**  
**Prepared by:**  
**Research and Extension Faculty of the LSU Agricultural Center**

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Variety or Strain	Seeding Rate Per Acre	Planting Date
<b>Perennial Grasses</b>		
<b>Dallisgrass*</b>		
Domestic Imported	5 lbs. pure live seed**	March 1-June 1 <sup>1</sup>
<b>Bermudagrass</b>		
<u>Hybrids</u>		
Alicia Brazos <sup>2</sup> Coastal <sup>2</sup> Grazer <sup>2</sup> Tifton 44 <sup>2</sup> Tifton 85 Russell Jiggs Sumrall 007 Little Phillip #1	Enough planting material to give 7,500 plants per acre (see notes on sprigs and long hay)	March 1-June 1 <sup>1</sup>
<u>Seeded varieties</u>		
Common Cheyenne	5 lbs. hulled seed	March 1-June 1 <sup>1</sup>
<b>Bahiagrass***</b>		
Argentine Pensacola Tifton 9	15 lbs. pure live seed**	March 1-June 1 <sup>1</sup>

\*Recommended only for the alluvial soils and fertile upland soils.

\*\*Seeding rates should be increased for low germination and low purity percentages.

\*\*\*Not recommended for heavy clay soils.

<sup>1</sup> March 1 to June 1 is optimum, but these grasses may be planted anytime during the growing season when soil moisture is adequate.

<sup>2</sup> Shortages of planting material may limit planting in some areas.

**Sprigs**            A bushel of Alicia, Coastal, Grazer or Tifton 44 sprigs contain about 400 sprigs and weighs approximately 15 pounds. Satisfactory stands can be obtained by using 12-15 bu/acre if planted by hand in 3 ft. rows., 15-20 bu/acre if planted by machine in rows, and 40-50 bu/acre if broadcast and disked into the soil. Brazos contains fewer sprigs per bushel, therefore, planting rates for Brazos should be 20-25 bu/acre if planted by hand in 3 ft. rows, 25-30 bu/acre if planted by machine in rows, and 50-60 bu/acre if broadcast and disked into the soil.

**Long Hay**        A bale of green, uncured clippings weighing 100 lbs. will plant approximately 2,500 square feet when spread over the area.

Variety or Strain	Seeding Rate Per Acre	Date of Planting
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### Annuals

Louisiana research has shown that pearl millet is generally superior to the sorghum-sudangrass hybrids on well drained, light, upland soils, while the sorghum-sudangrass hybrids are generally superior to millet on heavier type soils. Specific variety recommendations for these species cannot be made because of insufficient data. Limited testing is being conducted at several locations. Please refer to the data in the following tables for variety performance information.

Pearl Millet Hybrids	Drilled: 25 lbs. Broadcast: 30 lbs.	35 days prior to time grazing is needed, but not before April 15 nor later than August 1.
Sorghum-Sudangrass Hybrids	Drilled: 30 lbs. Broadcast: 35 lbs.	35 days prior to time grazing is needed, but not before April 15 nor later than August 1.

### Warm Season Legumes

Alyceclover	Seed Rate: 30 lbs.	May 1-July 15
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#### Sericea Lespedeza

This is a perennial legume that is adapted to most upland soils. It should not be planted on alkaline soils or soils with poor drainage.

AU Lotan Serala Serala 76	Seed Rate: 20-30 lb/A of milled, scarified seed*	March 1-April 15
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\* The seeding rate of 20 lb/A of hulled, scarified seed is sufficient when a herbicide is used to control weeds during crop establishment. If no herbicide is used, the seeding rate should be increased to 30 lb/A. All seed should be inoculated.

### Silage Crops

Specific variety recommendations for these species cannot be made because of insufficient data. Limited testing is being conducted at the Southeast Research Station near Franklinton.

Forage Sorghum and Green Chop	40" rows: 6-8 lbs. Drilled: 8-12 lbs. Broadcast: 15-20 lbs.	April 15-June 15 (In southern LA) May 1-June 15 (In northern LA)
Corn for Silage	23,000 to 25,000 seeds/A in 30-40" rows	March 1-April 15

Dry forage production from hybrid bermudagrass cultivars at Macon Ridge Research Station, Winnsboro, LA, 2005.

Cultivar	Harvest Date			2005 Total
	June 8	Aug. 12	Oct. 24	
	----- Dry forage, lb/acre -----			
Russell	4003	2652	2478	9134
Coastal	3102	2184	2255	7541
Sumrall 007	3698	1407	1901	7006
Little Phillip No. 1	2437	1858	2642	6937
Noname	2801	925	1875	5600
Mean	3208	1805	2230	7244

LSD .05 to compare among cultivars within a harvest date = 797.

LSD .10 to compare among cultivars within a total annual yield = 1040.

Dry forage production from hybrid bermudagrass cultivars at Macon Ridge Research Station, Winnsboro, LA, 3-year means (03,04 & 05 (2<sup>nd</sup> & 3<sup>rd</sup> harvests of 03 & 04 combined so harvest # matches 05)).

Cultivar	Harvest Date <sup>†</sup>			Mean Total Annual Yield
	June 6	Aug. 14	Oct. 16	
	----- Dry forage, lbs./acre -----			
Russell	5724	5774	3458	14957
Coastal	5008	5709	3201	13918
Sumrall 007	5262	5162	3204	13628
Little Phillip No. 1	4676	5275	3448	13399
Noname	3522	3388	2104	9013

LSD .05 to compare among cultivars within a harvest date = 608.

LSD .05 to compare among cultivars within a total annual yield = 1347.

<sup>†</sup>Reported harvest dates are mean harvest dates of the 3 years. (There were 4 harvests in 2003 and 2004 but the July and August harvests were combined to match the 3 harvests in 2005).

Dry matter yields of forage sorghum entries grown at the Southeast Research Station, Franklinton, LA, 2004.

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Entry	Season Total Yields (2 harvests)
----pounds dry forage per acre---	
FS 515HQ	5968
BMR 100	5284
RedTop+ BMR	5180
BMR 1105	4905
BMR 106	4898
FS 555	4836
NK 300	4219
Mean	5041
LSD (0.05)	1249
CV (%)	13

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Dry matter yields of sorghum-sudangrass hybrids grown at the Southeast Research Station, LA, 2004.

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Entry	Season Total Yields (2 harvests)
----pounds dry forage per acre---	
SS 200BMR	6635
Super SU22	6527
PS 210BMR	6522
NutriMax Drystalk BMR	6109
Sugar Beef	5575
Nutri+Plus BMR	5435
Drystalk BMR	4840
Mean	6116
LSD (0.05)	1201
CV (%)	11

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