

## Comparing warm-season annual with warm-season perennial grasses in North-Central Florida

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### Plot Study - Gainesville, FL

#### YEAR 1 - ESTABLISHMENT

**Table 1. Yield and nutritive value of warm-season perennial and annual grasses**

	Yield (lb DM/ac)	CP%	IVDOM%
Mulato II perennial	5400ab	13.2a	68.1a
Sorghum Sudan	3800c	12.0b	64.7b
Tifleaf 3	6300ab	12.9ab	63.2b
Tifton 85	4800bc	13.8a	63.9b
<b>SE</b>	400	0.4	0.4

Means followed by different letters are statistically different

#### YEAR 2

**Table 2. Yield and nutritive value of warm-season perennial and annual grasses**

	Yield (lb DM/ac)	CP%	IVDOM%	Stand (% Cover)
Mulato II annual	5038 b	11.2 a	68.5 a	82.5 b
Mulato II perennial	10579 a	10.2 bc	65.6 b	98.2 a
Sorghum Sudan	4978 b	9.6 c	66.7 b	68.3 c
Tifleaf 3	5520 b	11.4 a	67.6 ab	100 a
Tifton 85	10972 a	10.7 ab	56.0 c	98.3 a
<b>SE</b>	684	0.3	0.4	4.4

Means followed by different letters are statistically different

## Grazing Study - Marianna, FL

**Table 3. Herbage mass (HM) and nutritive value of warm-season annual grasses**

<b>Forage Species</b>	<b>HM (lb/ac)</b>	<b>CP (%)</b>	<b>IVDOM (%)</b>
Mulato II	2300 a	14.3	62
Sorghum Sudan	1200 b	14.7	60
Tifleaf 3	900 c	16.4	61
<b>SE</b>	180	1.5	3

Means followed by different letters are statistically different

**Table 4. Average daily gain and liveweight gain of heifers grazing warm-season annual grasses**

<b>Forage Species</b>	<b>ADG (lb/d)</b>	<b>LWG (lb/ac)</b>
Mulato II	1.2	186
Sorghum Sudan	1.1	204
Tifleaf 3	1.0	248
<b>SE</b>	0.1	42

Means followed by different letters are statistically different