

Table 2. Average grass, legume, and total forage dry matter production and quality (Least-squares means) from different treatments during the 2012-2013 cool-season growing period (Dec. or Jan.-Apr.), Phenix City, AL, USA.

Forage type	Forage biomass dry matter			Forage quality	
	Grass	Legume	Total	ADF†	CP‡
	-----Ton/Acre-----			-----%-----	
Arrowleaf clover ( <i>Trifolium vesiculosum</i> )- Marshall ryegrass ( <i>Lolium multiflorum</i> )	1.60 <sup>ab*</sup>	0.55 <sup>b</sup>	1.80	21.52	14.5 <sup>ab</sup>
Berseem clover ( <i>Trifolium alexandrinum</i> )- Marshall ryegrass	1.64 <sup>ab</sup>	0.58 <sup>b</sup>	1.95	22.37	15.3 <sup>ab</sup>
Crimson clover ( <i>Trifolium incarnatum</i> )- Marshall ryegrass	1.39 <sup>b</sup>	1.07 <sup>a</sup>	2.10	21.69	16.8 <sup>a</sup>
Winter peas ( <i>Pisum sativum</i> )-Marshall ryegrass	1.61 <sup>ab</sup>	0.80 <sup>ab</sup>	1.87	23.25	17.0 <sup>a</sup>
Marshall ryegrass	1.89 <sup>a</sup>	-	1.96	22.17	13.9 <sup>b</sup>
Hairy vetch ( <i>Vicia villosa</i> )-Marshall ryegrass	1.46 <sup>b</sup>	0.81 <sup>ab</sup>	1.95	22.58	16.6 <sup>ab</sup>

†ADF – Acid detergent fiber. ADF is the measure of fiber content in the forage biomass. Higher ADF means lower forage quality.

‡CP – Crude protein. CP is a measure of total nitrogenous compound, and eventually total protein present in the forage biomass. Higher CP means better forage quality.

\*Least-squares means within a column with different superscripts are different (P < 0.05).