

Figure 1. Body weight gain of the 9 group of steers (3 systems, 3 replicates/system) and the average



Steers arrived to the Iberia Research Station



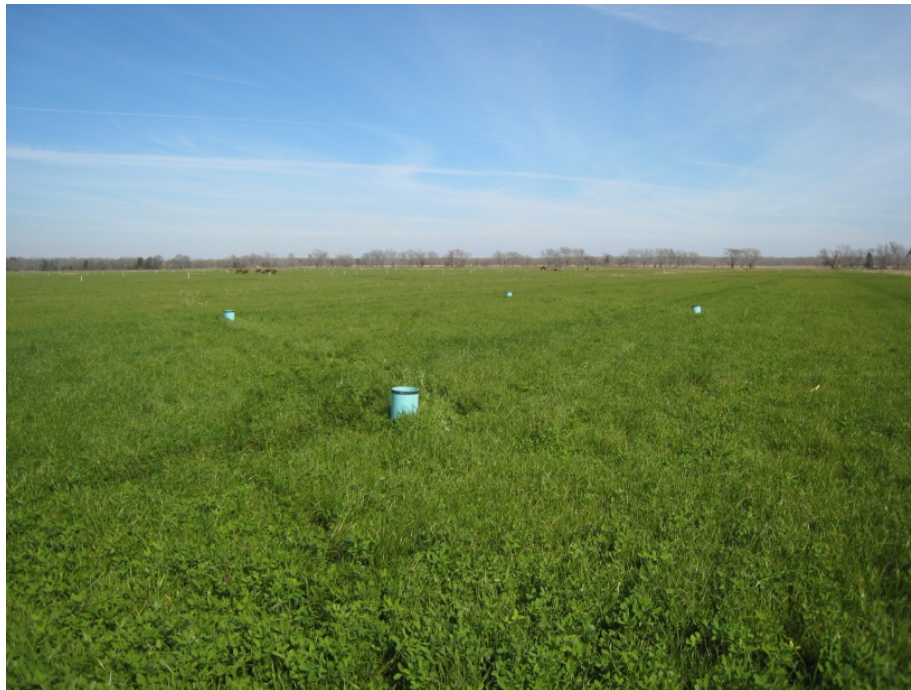
Mowing for hay production pastures that were prepared for clover seeding (after dallisgrass)



Steers on winter annuals; arrows indicate area clipped for ultrasound

Table 1. Basic soil characteristics

Field	Soil texture	pH	C %	N %	P mg/kg	S mg/kg	K mg/kg	Ca mg/kg	Mg mg/kg
System 3: Ryegrass+Clover	Silty Clay Loam	5.83	1.974	0.1727	30.4	5.7	161.2	3232.9	632.7
System 1: Ryegrass	Silty Clay Loam	5.81	2.042	0.1661	17.0	5.8	137.1	2990.5	598.7
System 2: Ryegrass+Clover	Silt Loam	6.06	1.369	0.1253	14.1	5.6	123.5	2782.1	428.4
System 2: Dalligrass+Clover	Silty Clay Loam	6.32	3.412	0.2797	235.1	11.7	497.4	3606.6	674.6
System 3: Dallisgrass+Clover	Silty Clay Loam	6.01	2.889	0.2605	180.6	10.5	224.8	3826.3	697.6
System 3: Bermudagrass	Silty Clay Loam	6.36	2.806	0.2553	62.6	17.3	181.6	4207.2	699.4
System 2: Bermudagrass	Silty Clay Silty Clay	5.09	2.453	0.2537	19.6	9.9	138.2	3199.9	782.5
System 1: Bermudagrass	Silty Clay Loam	5.31	3.013	0.2591	21.6	10.7	121.0	2814.1	819.3
System 3: Sorghum- sudan+Ryegrass	Silty Clay Loam	5.58	3.288	0.2721	66.8	9.2	254.4	3438.2	747.4
System 3: Soybean+Ryegrass	Silty Clay Loam	5.39	3.205	0.2609	15.8	8.9	160.0	3322.5	791.3



Placement of chambers for gas sampling

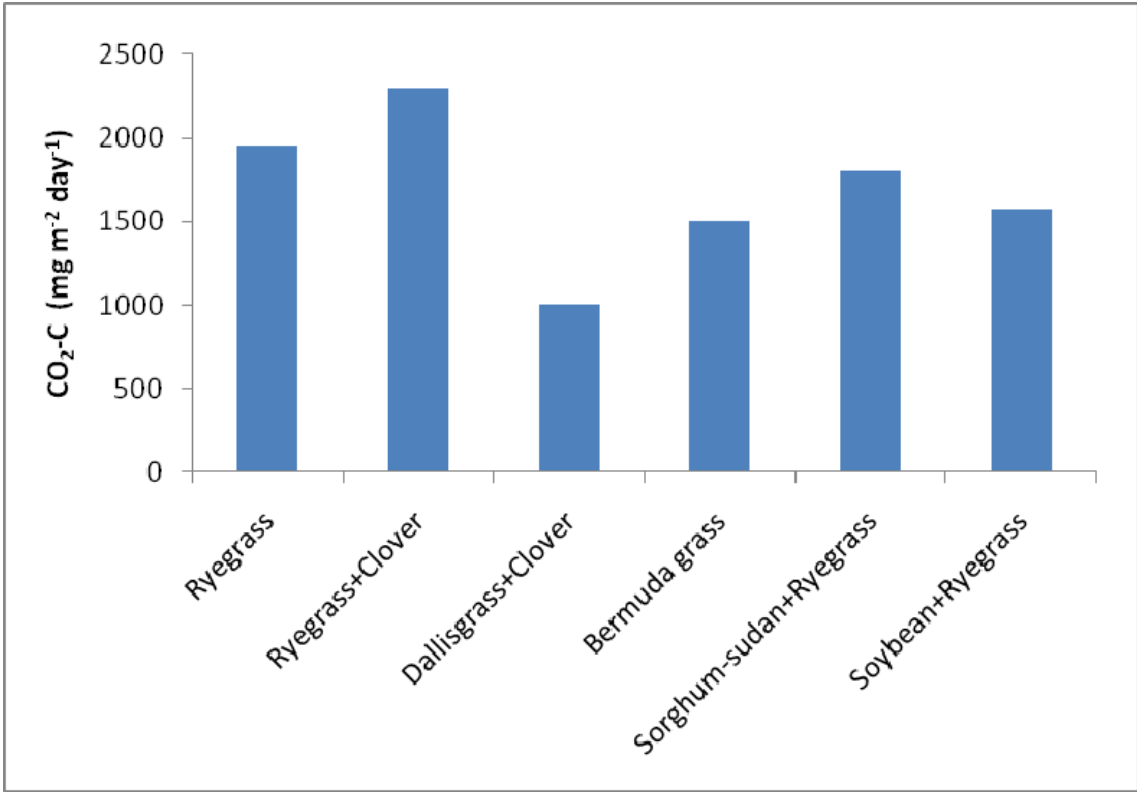


Figure 2. Average emission of CO₂-C for 6 months

Pasture walk at the Iberia Research Station, July 18, 2009



Pasture walk at the Iberia Research Station, March 13, 2010

