



Texas Agricultural Extension Service

The Texas A&M University System

Coastal Bermudagrass Hay for Beef Cattle

Dr. David Bade, Professor and Extension Forage Specialist

1100 lb. lactating cow, 18 lb. peak milk

Forage Quality	Good			Medium			Low		
C. Protein 96		12			9			5	
TDN 96		56			48			42	
NEM, MCAL/100 LB.		54			41			31	
BCS OF COW	3	5	7	3	5	7	3	5	7
Weight of Cow, lb.	940	1100	1260	940	1100	1260	940	1100	1260
Required by Cow									
C. Protein 96		2.72			2.72			2.72	
NEM, MCAL		16.2			16.2			16.2	
Loss 1 BCS Days		132	62		161	63		139	66
Gain 1 BCS Days	67			65			61		
Feed/Cow/Day									
Hay lb.	21	28	25	16	21	24	13	19	20
Cottonseed Meal lb.	1	1		1	2	2	3	2.5	3
Corn or Milo lb.	10			15	6	2	16	8	5
Urea, lb.				0.1			0.1		
96 Protein in Supplement	12	41		13	17	26	16	18	21
Total Cost/Day \$	1.29	.81	.63	1.51	1.13	.95	1.72	1.27	1.16
Supplement Cost/Day \$.77	.11		1.11	.61	.35	1.40	.80	.66

*** All hay @ \$50/ton, corn @ \$130/ton, and cotton seed meal @ \$220/ton



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Coastal Bermudagrass Hay for Beef Cattle

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1100 lb. dry cow, 225 day pregnant cow

Forage Quality	Good			Medium			Low		
C. Protein 96		12			9			5	
TDN 96		56			48			42	
NEM, MCAL/100 LB.		54			41			31	
BCS OF COW	3	5	7	3	5	7	3	5	7
Weight of Cow, lb.	940	1100	1260	940	1100	1260	940	1100	1260
Required by Cow									
C. Protein 96		1.6		1.6				1.6	
NEM, MCAL		10.7		10.7				10.7	
Loss 1 BCS Days		241	69		225	55		243	59
Gain 1 BCS Days	57			56			56		
Feed/Cow/Day									
Hay lb.	22	20	16	17	26	18	16	22	18
Cottonseed Meal lb.	1			1			1	1.7	2
Corn or Milo lb.	4			9			11	2.5	
Urea, lb.							0.15		
96 Protein in Supplement	16			12			15	22	41
Total Cost/Day \$	0.92	0.50	0.40	1.12	0.65	0.45	1.26	0.90	0.67
Supplement Cost/Day \$	0.37			0.70			0.86	0.35	0.22

*** All hay @ \$50/ton, corn @ \$130/ton, and cotton seed meal @ \$220/ton