

<b>RATIONS FOR COWS ON SORGHUM-TYPE HAYS</b>										
<b>FORAGE QUALITY</b>		<b>GOOD</b>			<b>MEDIUM</b>			<b>LOW</b>		
C.PROTEIN,%		12			9			5		
TDN,%		56			52			48		
NEM,MCAL/100 LB		54			47			41		
<b>BCS OF COW</b>	3	5	7	3	5	7	3	5	7	
<b>WEIGHT OF COW, LB</b>	940	1100	1260	940	1100	1260	940	1100	1260	
<b>1100 LB DRY, 225 DAY PREGNANT COW</b>										
<b>REQUIRED BY COW</b>										
C.PROTEIN, LB		1.6			1.6			1.6		
NEM, MCAL		10.7			10.7			10.7		
<b>LOSS 1 BCS, DAYS</b>		241	69		280	75		231	69	
<b>GAIN 1 BCS, DAYS</b>	57			62			58			
<b>FEED/COW/DAY</b>										
HAY, LB	22	20	16	20	23	18	17	22	16	
COTTONSEED MEAL, LB	1			1			2	2	2	
CORN OR MILO, LB	4			6			8			
UREA, LB							0.1			
<b>% PROTEIN IN</b>	16			14			18	41	41	
<b>SUPPLEMENT</b>										
<b>TOTAL COST/DAY, \$</b>	0.99	0.5	0.4	1.09	0.58	0.45	1.32	0.83	0.68	
<b>1100 LB LACTATING COW WITH 18 LB PEAK MILK</b>										
<b>REQUIRED BY COW</b>										
C. PROTEIN, LB		2.72			2.72			2.72		
NEM, MCAL		16.2			16.2			16.2		
<b>LOSS 1 BCS, DAYS</b>		132	62		143	64		147	70	
<b>GAIN 1 BCS, DAYS</b>	67			65			68			
<b>FEED/COW/DAY</b>										
HAY, LB	21	28	25	18	24	25	16	22	23	
COTTONSEED MEAL, LB	1	1		2	2	2	3	2.5	3	
CORN OR MILO, LB	10			12	3		13	5	2	
UREA, LB							0.1			
<b>% PROTEIN IN</b>	12	41		14	22	41	17	20	22	
<b>SUPPLEMENT</b>										
<b>TOTAL COST/DAY, \$</b>	1.41	0.84	0.63	1.63	1.1	0.9	1.8	1.27	1.14	
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ALL HAY @ \$50 ,CORN @ \$150 AND COTTONSEED MEAL @ \$275 / TON										
USING AMOUNTS OF EACH FEED INDICATED, YOU CAN ADJUST COSTS TO CURRENT PRICES										
BY D.B. HERD, TAMU EXTENSION SERVICE										
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