



2002 COW - CALF BUDGET

Fall Calving, Sell at 225 Days of age

ITEM	QUANTITY/UNIT	PRICE PER UNIT	AMOUNT	YOUR BUDGET
RECEIPTS				
Feeder Calf ¹	510 lb	\$0.85 /lb	\$434	_____
Cull Cows and Bulls ²			92	_____
TOTAL RECEIPTS			526	
VARIABLE COSTS				
Feed				
Pasture (Hay Equivalent)	3 ton	20.00 /ton	60	_____
Hay ³ (grass)	4 ton	70.00 /ton	280	_____
Salt and Mineral ⁴			6	_____
TOTAL FEED COSTS			346	
Health Program			20	_____
Marketing (includes trucking)			15	_____
Supplies and Misc.			17	_____
Int. on Operating Cap ⁵	\$210	12 mo	9%	19
TOTAL VARIABLE COSTS			416	
FIXED COSTS				
Labor Charge	8 hours	8.00 /hr	64	_____
Cow Replacement ⁶			120	_____
Bull Replacement ⁷			13	_____
Int. on Breed Stock ⁸	\$591	9%	53	_____
Fence and Facilities			35	_____
Management Charge	5% of gross revenue		26	_____
TOTAL FIXED COSTS			311	
TOTAL COSTS			728	
Feeder Calf price/cwt.			\$80	\$85
RETURN ABOVE VARIABLE COSTS			84	109
RETURN ABOVE TOTAL COSTS			(228)	(177)

¹. Average weaning weight= 600 lbs. @ 85% calf crop weaned

². Cull cows: Cull value X (20% cull rate- 3% death loss) = \$500 X (0.20-0.03)= \$85
 Cull bulls: Cull value X (25% culling rate- 3% death loss)/number of cows/bull=800X (0.25-0.03)/25=\$7

³. Fall calving requires more and better quality hay than a spring system.

⁴. 20 lbs. Salt at \$0.13/lb, 7 lbs. Di-cal at \$0.25/lb, 7 lbs. Magnesium oxide at \$0.18/lb.

⁵. Includes 1/2 value of feed, health program, and supplies for 12 months at 9% interest

⁶. Cow replacement cost based on 20% annual replacement rate, cow cost of \$600. \$600 X .20= \$120

⁷. Bull replacement cost based on 25% annual replacement rate, bull cost of \$1250, and 25 cows per bull.
 (\$1250 X 0.25)/ 25 = 13

⁸. Average value of breeding animal is \$550 per cow plus \$41 per bull per cow.