



2002 COW - CALF BUDGET

Spring Calving, Sell at 225 Days of age

| ITEM | QUANTITY/UNIT | PRICE PER UNIT | AMOUNT | YOUR BUDGET |
|------------------------------------|---------------------|----------------|--------|-------------|
| RECEIPTS | | | | |
| Feeder Calf ¹ | 425 lb | \$0.85 /lb | \$361 | _____ |
| Cull Cows and Bulls ² | | | 92 | _____ |
| TOTAL RECEIPTS | | | 453 | _____ |
| VARIABLE COSTS | | | | |
| Feed | | | | |
| Pasture (Hay Equivalent) | 2.6 ton | 15 /ton | 39 | _____ |
| Hay (grass) | 3 ton | 60 /ton | 180 | _____ |
| Salt and Mineral ³ | | | 6 | _____ |
| TOTAL FEED COSTS | | | 225 | _____ |
| Health Program | | | 20 | _____ |
| Marketing | | | 15 | _____ |
| Supplies and Misc. | | | 17 | _____ |
| Int. on Operating Cap ⁴ | \$149 | 12 mo | 9% | 13 |
| TOTAL VARIABLE COSTS | | | 290 | _____ |
| FIXED COSTS | | | | |
| Labor Charge | 8 hours | 8.00 /hr | 64 | _____ |
| Cow Replacement ⁵ | | | 120 | _____ |
| Bull Replacement ⁶ | | | 13 | _____ |
| Int. on Breed Stock ⁷ | \$591 | 9% | 53 | _____ |
| Fence and Facilities | | | 37 | _____ |
| Management Charge | 5% of gross revenue | | 23 | _____ |
| TOTAL FIXED COSTS | | | 310 | _____ |
| TOTAL COSTS | | | 600 | _____ |
| Feeder Calf price/cwt | | | \$80 | \$85 |
| | | | \$90 | |
| RETURN ABOVE VARIABLE COSTS | | | 142 | 163 |
| RETURN ABOVE TOTAL COSTS | | | (168) | (147) |
| | | | (125) | |

¹. Average weaning weight= 500 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. 20 lbs. Salt at \$0.13/lb, 7 lbs. Di-Cal at \$0.25/lb, 7 lbs. Magnesium oxide at \$0.18/lb.

⁴. Includes 1/2 value of feed, health program, and supplies for 12 months at 9% interest

⁵. Cow replacement cost based on 20% annual replacement rate, cow cost of \$600. \$600 X .20= \$120

⁶. Bull replacement cost based on 25% annual replacement rate, bull cost of \$1250, and 25 cows per bull.
(\$1250 X 0.25)/ 25 = 13

⁷. Average value of breeding animal is \$550 per cow plus \$41 per bull per cow.