Stockers Silage - South GA 2005

Stockers Steers On Temporary Winter Grazing & Corn Silage - South Georgia Fall 2005
(Variable Cost Budget)

NUMBER OF ACRES 100.00  In Date  10/01/05
STOCKING RATE (HEAD/ACRE) 2.00  Out Date  02/28/06
NUMBER OF CALVES PLACED 200  Expected Buy-Sell Margin ($14.00)
DEATH LOSS (%) 1.00
NUMBER OF CALVES SOLD 198
FEEDING PERIOD (DAYS) 150.00
MARKETING SHRINK(%) 3.00

PAYWEIGHT TO PAYWEIGHT
DAILY GAIN (LBS./DAY)
NET SELLING WEIGHT (CWT.) 9.00  8.63  8.25  7.88  7.50
SELLING PRICE ($/CWT.) $121.24 $109.62 $98.00 $99.84 $101.67

ITEM UNIT PER HD. QUANTITY PRICE AMOUNT
VARIABLE COSTS: (units) ($/unit)
CWT. 5.25 1,050 $112.00 $117,600
HEAD 0.00 0 $10.82 $0
ACRE 0.50 100 $146.57 $14,657
TON 0.00 0 $65.00 $0
TONS 1.50 300 $35.00 $10,500
LBS. 37.50 7,500 $0.28 $2,100
HEAD 2.00 400 $4.00 $1,600
IMPLANT 2.00 400 $1.00 $400
ACRE 1.00 200 $0.80 $160
HRS. 1.50 300 $9.02 $2,706
PERCENT 1.00% 117,600 $1,176
PERCENT 8.00% 395 $13.17 $2,138
HEAD 1.00 200 $22.30 $4,459

TOTAL VARIABLE COST $164,621

FIXED COST: (Click Appropriate Link at Left for Annual Fixed Cost)
$0.00

TOTAL FIXED COST $0.00

COST OF GAIN SUMMARY AND MAX. BREAKEVEN CALF PRICE

FEED ONLY COST OF GAIN ($/CWT.) $58.92
FEEDING COST OF GAIN ($/CWT.) $80.59
TOTAL COST OF GAIN ($/CWT.) $80.59

MAX. BREAKEVEN PURCHASE PRICE OF CALF $114.59

UGA Extension Agricultural and Applied Economics
### EXPECTED BREAK-EVEN TABLE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>TOTAL AMOUNT</th>
<th>$ / CWT.</th>
<th>$/HD.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VARIABLE COST</td>
<td>$164,621</td>
<td>$100.78</td>
<td>$823.11</td>
</tr>
<tr>
<td>$0</td>
<td>$0.00</td>
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<tr>
<td>TOTAL COST</td>
<td>$164,621</td>
<td>$100.78</td>
<td>$823.11</td>
</tr>
</tbody>
</table>

### EXPECTED RETURN TABLE

- **200 head sold**

<table>
<thead>
<tr>
<th>EXP. WEIGHT (cwt./hd.)</th>
<th>TOTAL WEIGHT</th>
<th>EXP. PRICE ($/cwt.)</th>
<th>TOTAL RETURN</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.25</td>
<td>1633.50</td>
<td>$102.44</td>
<td>$167,336</td>
</tr>
</tbody>
</table>

### RISK RATED RETURNS OVER CASH FLOW COST

- Net return levels (TOP ROW);
- The chances of obtaining this level or more (MIDDLE ROW); and
- The chances of obtaining this level or less (BOTTOM ROW).

<table>
<thead>
<tr>
<th>Optimistic</th>
<th>Expected</th>
<th>Pessimistic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Returns</td>
<td>$25,995</td>
<td>$18,798</td>
</tr>
<tr>
<td>Chances</td>
<td>8%</td>
<td>16%</td>
</tr>
<tr>
<td>Chances</td>
<td>92%</td>
<td>84%</td>
</tr>
<tr>
<td>BASE BUDGETED NET REVENUE</td>
<td>$2,714.55</td>
<td></td>
</tr>
<tr>
<td>Profit (Loss) Per Head Placed</td>
<td>$13.57</td>
<td></td>
</tr>
</tbody>
</table>

Profit is return to risk and all ‘ZERO’ items in the budget. May enter your own values.

Corn silage figured at 20 lbs./day for stockering period. Silage cost/ton is delivered cost.
Supplemental feed is a corn, whole cottonseed and gintrash ration fed 5 lbs./day for stockering period.
Mineral+ Ionophore (Bovatech, Rumensin, etc) figured as 4 ozs/day for stockering period.
Use of ionophores & implants significantly increase rate of gain.

Stocking rates will affect forage availability and supplemental feed needs.