Animal Units (AU) | 100  
Breeding Females | 500  

### Revenue

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Head</th>
<th>Per Head</th>
<th>Units</th>
<th>CWT</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lambs</td>
<td>2.330</td>
<td>0.80</td>
<td>CWT</td>
<td>$188.00</td>
<td>$350.43</td>
<td>$175,216.00</td>
<td></td>
</tr>
<tr>
<td>Lambs</td>
<td>1.220</td>
<td>0.80</td>
<td>CWT</td>
<td>$188.00</td>
<td>$183.49</td>
<td>$91,744.00</td>
<td></td>
</tr>
<tr>
<td>Cull Ewes</td>
<td>1.100</td>
<td>1.10</td>
<td>CWT</td>
<td>$78.98</td>
<td>$95.57</td>
<td>$47,784.00</td>
<td></td>
</tr>
<tr>
<td>Total Revenue</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$629.49</td>
<td>$314,744.00</td>
<td></td>
</tr>
</tbody>
</table>

### Variable Costs

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predator Control</td>
<td>65 Acre</td>
<td>$0.25</td>
<td>$16.25</td>
<td>$8,125.00</td>
</tr>
<tr>
<td>Parasite Monitoring</td>
<td>1.375 Head</td>
<td>$2.00</td>
<td>$2.75</td>
<td>$1,375.00</td>
</tr>
<tr>
<td>Trucking - Sheep and Goats</td>
<td>1 AU</td>
<td>$20.00</td>
<td>$20.00</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>Marketing Expense</td>
<td>1.00 AU</td>
<td>$18.60</td>
<td>$18.60</td>
<td>$1,860.20</td>
</tr>
<tr>
<td>Feed 10-10 Loose Mineral</td>
<td>182.5 Pound</td>
<td>$0.36</td>
<td>$65.70</td>
<td>$32,850.00</td>
</tr>
<tr>
<td>20% Protein Cube</td>
<td>6.76 CWT</td>
<td>$19.00</td>
<td>$128.44</td>
<td>$64,220.00</td>
</tr>
<tr>
<td>Vet. Medicine Clostridials S&amp;G</td>
<td>5 Dose</td>
<td>$2.26</td>
<td>$11.30</td>
<td>$5,650.00</td>
</tr>
<tr>
<td>Deworm S&amp;G-Ivomec</td>
<td>10 Dose</td>
<td>$0.74</td>
<td>$7.40</td>
<td>$3,700.00</td>
</tr>
<tr>
<td>Lice control - S&amp;G</td>
<td>10 CWT</td>
<td>$0.46</td>
<td>$4.60</td>
<td>$2,300.00</td>
</tr>
<tr>
<td>Repairs</td>
<td>1 AU</td>
<td>$35.21</td>
<td>$35.21</td>
<td>$17,604.42</td>
</tr>
<tr>
<td>Labor</td>
<td>3.20 Hours</td>
<td>$10.00</td>
<td>$32.00</td>
<td>$16,000.00</td>
</tr>
<tr>
<td>Interest on Credit Line</td>
<td>6.50%</td>
<td>$21.58</td>
<td>$10,791.75</td>
<td></td>
</tr>
<tr>
<td>Total Variable Costs</td>
<td></td>
<td></td>
<td>$363.83</td>
<td>$174,476.37</td>
</tr>
</tbody>
</table>

Planned Returns Above Variable Costs: $265.65 $140,267.63
Average Offspring Breakeven Price to Cover Variable Costs: $94.46 CWT

### Fixed Costs

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Units</th>
<th>$/Unit</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depreciation - Equipment</td>
<td>1 AU</td>
<td>$27.83</td>
<td>$27.83</td>
<td>$13,913.48</td>
</tr>
<tr>
<td>Depreciation - Livestock</td>
<td>1 AU</td>
<td>$120.41</td>
<td>$120.41</td>
<td>$60,205.00</td>
</tr>
<tr>
<td>Equipment Investment</td>
<td>$278.27 dollars</td>
<td>6.50%</td>
<td>$18.09</td>
<td>$9,043.76</td>
</tr>
<tr>
<td>Pasture Cost</td>
<td>1 Acres</td>
<td>$225.00</td>
<td>$225.00</td>
<td>$112,500.00</td>
</tr>
<tr>
<td>Total Fixed Costs</td>
<td></td>
<td>$391.32</td>
<td>$195,662.24</td>
<td></td>
</tr>
</tbody>
</table>

Total Costs: $755.16 $370,138.61
Planned Returns to Management, Risk, and Profit: $(125.67) $(55,394.61)
Average Offspring Breakeven Price to Cover Total Costs: $232.25 CWT

<table>
<thead>
<tr>
<th>Example Weaning Percent</th>
<th>Example Gross Sales per AU</th>
<th>Example Pounds Produced per AU</th>
<th>Example Breakeven Offspring Pay Weight to Cover Total Cost</th>
<th>Example Average Break Even Price to Cover Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>113%</td>
<td>$744.31</td>
<td>466</td>
<td>77</td>
<td>$191.14</td>
</tr>
<tr>
<td>103%</td>
<td>$686.90</td>
<td>436</td>
<td>87</td>
<td>$209.70</td>
</tr>
<tr>
<td>93%</td>
<td>$629.49</td>
<td>405</td>
<td>99</td>
<td>$232.25</td>
</tr>
<tr>
<td>83%</td>
<td>$572.08</td>
<td>374</td>
<td>115</td>
<td>$260.23</td>
</tr>
<tr>
<td>73%</td>
<td>$514.67</td>
<td>344</td>
<td>138</td>
<td>$295.88</td>
</tr>
</tbody>
</table>

### Sensitivity Analysis for Example

Example First Offspring Price: $188.00
Example Second Offspring Price: $188.00
Example Weighted Average Offspring Price ($/cwt): $188.00

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.