

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Animal Unit**  
**Hair Sheep, 5 Head per AU - 500 Ewes**  
**Southwest Extension District - 10**

Animal Units (AU)	100					
Breeding Females	500					
		Quantity				Enterprise
<b>REVENUE</b>	<b>Head</b>	<b>Per Head</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Total</b>
Lambs	2.330	0.80	CWT	\$185.00	\$344.84	\$34,484.00
Lambs	1.220	0.80	CWT	\$185.00	\$180.56	\$18,056.00
Cull Ewes	1.100	1.10	CWT	\$72.00	\$87.12	\$8,712.00
<b>Total Revenue</b>					<b>\$612.52</b>	<b>\$61,252.00</b>
						Enterprise
<b>VARIABLE COSTS</b>		<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Total</b>
<b>Production Costs</b>						
Miscellaneous						
Predator Control		65	Acre	\$0.25	\$16.25	\$1,625.00
Trucking - Sheep and Goats		1	AU	\$20.00	\$20.00	\$2,000.00
Parasite Monitoring		1.375	Head	\$2.00	\$2.75	\$275.00
Marketing Expense		1.00	AU	\$18.60	\$18.60	\$1,860.20
Feed						
20% Protein Cube		6.76	CWT	\$18.70	\$126.41	\$12,641.20
10-10 Loose Mineral		182.5	Pound	\$0.57	\$104.03	\$10,402.50
Vet. Medicine						
Clostridials S&G		5	Dose	\$0.56	\$2.80	\$280.00
Deworm S&G-Ivomec		10	Dose	\$0.46	\$4.60	\$460.00
Lice control - S&G		10	CWT	\$0.46	\$4.60	\$460.00
Repairs		1	AU	\$35.21	\$35.21	\$3,520.88
Labor		3.20	Hours	\$10.00	\$32.00	\$3,200.00
Interest on Credit Line				6.50%	\$16.53	\$1,653.08
<b>Total Variable Costs</b>					<b>\$383.78</b>	<b>\$38,377.87</b>
Planned Returns Above Variable Costs:					\$228.74	\$22,874.13
Average Lamb Breakeven Price to Cover Variable Costs				\$104.46	CWT	
						Enterprise
<b>FIXED COSTS</b>		<b>Quantity</b>	<b>Units</b>	<b>\$/Unit</b>	<b>Total</b>	<b>Total</b>
Depreciation - Equipment		1	AU	\$27.83	\$27.83	\$2,782.70
Depreciation - Livestock		1	AU	\$119.21	\$119.21	\$11,921.00
Equipment Investment		\$139.13	dollars	6.50%	\$9.04	\$904.38
Pasture Cost		1	Acres	\$225.00	\$225.00	\$22,500.00
<b>Total Fixed Costs</b>					<b>\$381.08</b>	<b>\$38,108.07</b>
<b>Total Costs</b>					<b>\$764.86</b>	<b>\$76,485.94</b>
Planned Returns to Management, Risk, and Profit:					<b>(\$152.34)</b>	<b>(\$15,233.94)</b>
Average Lamb Breakeven Price to Cover Total Costs				\$238.64	CWT	

**Sensitivity Analysis for Example**

Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Lamb Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
113%	\$725.51	466	81	\$196.40
103%	\$669.01	436	90	\$215.47
93%	\$612.52	405	103	\$238.64
83%	\$556.03	374	120	\$267.39
73%	\$499.53	344	144	\$304.02

  

Example Male Lamb Price	\$185.00
Example Female Lamb Price	\$185.00
Example Weighted Average Lamb Price (\$/cwt)	\$185.00

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.**