

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Breeding Female**  
**Small Acreage Hair Sheep - 12 Ewe**  
**West Central Extension District - 7**

REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Slaughter Lamb - ewe (65lbs)	0.667	0.65	CWT	\$169.07	\$73.26	\$879.16
Slaughter Lamb - ram (65 Lbs)	0.417	0.65	CWT	\$169.07	\$45.79	\$549.48
Cull Ewes	0.167	1.25	CWT	\$74.00	\$15.42	\$185.00
Cull Rams	0.083	2.00	CWT	\$84.00	\$14.00	\$168.00
<b>Total Revenue</b>					<b>\$148.47</b>	<b>\$1,781.64</b>
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>						
Miscellaneous						
Supplies		0.66666667	Head	\$3.00	\$2.00	\$24.00
PRF Rainfall Ins		3.33333333	Acre	\$0.85	\$2.83	\$34.00
Marketing Expense		1.00	Head	\$6.02	\$6.02	\$72.27
Feed						
Salt - Sheep		2.70833333	Pound	\$0.11	\$0.30	\$3.58
Mineral - Sheep		1.08333333	Pound	\$0.59	\$0.64	\$7.67
Range Cubes 20%		0.4875	CWT	\$16.10	\$7.85	\$94.19
Corn - Sheeep and Goat		24.375	Pound	\$0.07	\$1.74	\$20.88
Vet. Medicine						
Soremouth		1.25	Dose	\$0.32	\$0.40	\$4.80
Overeat/Tetnus		1.25	Dose	\$0.27	\$0.34	\$4.05
Fuel		1.0	Head	\$3.58	\$3.58	\$43.00
Lube (As a % of fuel)		10.0%	Percent	\$3.58	\$0.36	\$4.30
Repairs		1	Head	\$28.10	\$28.10	\$337.14
Utilities		1.00	Head	\$6.00	\$6.00	\$72.00
Interest on Credit Line				5.25%	\$2.98	\$35.73
<b>Total Variable Costs</b>					<b>\$63.13</b>	<b>\$757.60</b>
Planned Returns Above Variable Costs:					\$85.34	\$1,024.04
Average Lamb Breakeven Price to Cover Variable Costs				\$47.88	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	Head	\$119.73	\$119.73	\$1,436.73
Depreciation - Livestock		1	Head	\$5.56	\$5.56	\$66.67
Pasture Cost		3.33333333	Acres	\$8.00	\$26.67	\$320.00
<b>Total Fixed Costs</b>					<b>\$151.95</b>	<b>\$1,823.40</b>
<b>Total Costs</b>					<b>\$215.08</b>	<b>\$2,581.00</b>
Planned Returns to Management, Risk, and Profit:					<b>(\$66.61)</b>	<b>(\$799.36)</b>
Average Lamb Breakeven Price to Cover Total Costs				\$263.67	CWT	

**Sensitivity Analysis for Example**

Example Weaning Percent	Example Gross Sales per Breeding Female	Example Gross Pounds Produced per AU	Example Breakeven Lamb Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
145%	\$167.52	119	86	\$227.30
135%	\$157.99	114	93	\$244.14
125%	\$148.47	108	101	\$263.67
115%	\$138.95	102	112	\$286.60
105%	\$129.42	97	124	\$313.89
	Example Male Lamb Price			\$169.07
	Example Female Lamb Price			\$169.07
	Example Weighted Average Lamb Price (\$/cwt)			\$169.07

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

**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.**