

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Animal Unit
Wool Sheep, 5 Head per AU - 500 Ewe
Southwest Extension District - 10

Animal Units (AU)	100					
Breeding Females	500					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Lambs	2.330	0.80	CWT	\$188.00	\$350.43	\$175,216.00
Lambs	1.220	0.80	CWT	\$188.00	\$183.49	\$91,744.00
Cull Ewes	1.100	1.10	CWT	\$78.98	\$95.57	\$47,784.00
Wool	5.000	13.00	Pound	\$3.85	\$250.25	\$125,125.00
Total Revenue					\$879.74	\$439,869.00
						Enterprise
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Total
Production Costs						
Miscellaneous						
Predator Control		65	Acre	\$0.25	\$16.25	\$8,125.00
Custom Shearing		5	Head	\$3.00	\$15.00	\$7,500.00
Parasite Monitoring		1,375	Head	\$2.00	\$2.75	\$1,375.00
Trucking - Sheep and Goats		1	AU	\$20.00	\$20.00	\$10,000.00
Marketing Expense		1.00	AU	\$18.60	\$18.60	\$1,860.20
Feed						
10-10 Loose Mineral		182.5	Pound	\$0.36	\$65.70	\$32,850.00
20% Protein Cube		6.76	CWT	\$19.00	\$128.44	\$64,220.00
Vet. Medicine						
Clostridials S&G		5	Dose	\$2.26	\$11.30	\$5,650.00
Deworm S&G-Ivomec		10	Dose	\$0.74	\$7.40	\$3,700.00
Lice control - S&G		10	CWT	\$0.46	\$4.60	\$2,300.00
Repairs		1	AU	\$35.21	\$35.21	\$17,604.42
Labor		3.20	Hours	\$10.00	\$32.00	\$16,000.00
Interest on Credit Line				6.50%	\$22.24	\$11,117.64
Total Variable Costs					\$379.49	\$182,302.26
Planned Returns Above Variable Costs:					\$500.25	\$257,566.74
Average Offspring Breakeven Price to Cover Variable Costs				\$11.85	CWT	
						Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total	Total
Depreciation - Equipment		1	AU	\$27.83	\$27.83	\$13,913.48
Depreciation - Livestock		1	AU	\$120.41	\$120.41	\$60,205.00
Equipment Investment		\$278.27	dollars	6.50%	\$18.09	\$9,043.76
Pasture Cost		1	Acres	\$225.00	\$225.00	\$112,500.00
Total Fixed Costs					\$391.32	\$195,662.24
Total Costs					\$770.81	\$377,964.50
Planned Returns to Management, Risk, and Profit:					\$108.93	\$61,904.50
Average Offspring Breakeven Price to Cover Total Costs				\$149.65	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per AU	Pounds Produced per AU	Example Breakeven Offspring Pay Weight to Cover Total Cost	Example Average Break Even Price to Cover Total Cost
113%	\$994.56	466	50	\$123.16
103%	\$937.15	436	56	\$135.12
93%	\$879.74	405	64	\$149.65
83%	\$822.33	374	74	\$167.67
73%	\$764.92	344	89	\$190.64

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.