

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Animal Unit
Wool Sheep, 5 Head per AU
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	\$202.10	\$376.71	\$37,671.44
Lambs	1.220	0.80	CWT	\$202.10	\$197.25	\$19,724.96
Cull Ewes	1.100	1.10	CWT	\$77.00	\$93.17	\$9,317.00
Cull Ram	0.000	1.70	CWT	\$100.00	\$0.00	\$0.00
Wool	5.000	13.00	Pound	\$5.29	\$343.85	\$34,385.00
Total Revenue					\$1,010.98	\$101,098.40
		Quantity	Units	\$/Unit	Total	Enterprise Total
VARIABLE COSTS						
Production Costs						
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
Custom Shearing		5	Head	\$3.00	\$15.00	\$1,500.00
Parasite Monitoring		1.375	Head	\$2.00	\$2.75	\$275.00
Horse Health/Shoe/Feed		0.1	AU	\$4.12	\$0.41	\$41.23
Marketing Expense		1.00	AU	\$18.60	\$18.60	\$1,860.20
Feed						
20% Protein Cube		6.76	CWT	\$19.40	\$131.14	\$13,114.40
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	\$0.71	\$7.10	\$710.00
Lice control - S&G		10	CWT	\$0.46	\$4.60	\$460.00
Fuel		1.0	AU	\$23.88	\$23.88	\$2,388.00
Lube (As a % of fuel)		10.0%	Percent	\$23.88	\$2.39	\$238.80
Repairs		1	AU	\$13.69	\$13.69	\$1,369.34
Labor		3.20	Hours	\$10.00	\$32.00	\$3,200.00
Interest on Credit Line				6.50%	\$15.56	\$1,556.05
Total Variable Costs					\$410.21	\$41,020.51
Planned Returns Above Variable Costs:					\$600.78	\$60,077.89
Average Lamb Breakeven Price to Cover Variable Costs				(\$9.44)	CWT	
		Quantity	Units	\$/Unit	Total	Enterprise Total
FIXED COSTS						
Depreciation - Equipment		1	AU	\$58.34	\$58.34	\$5,833.99
Depreciation - Livestock		1	AU	\$93.17	\$93.17	\$9,317.16
Equipment Investment		\$1,207.55	dollars	6.50%	\$78.49	\$7,849.05
Pasture Cost		1	Acres	\$158.00	\$158.00	\$15,800.00
Total Fixed Costs					\$388.00	\$38,800.20
Total Costs					\$798.21	\$79,820.71
Planned Returns to Management, Risk, and Profit:					\$212.78	\$21,277.69
Average Lamb Breakeven Price to Cover Total Costs				\$127.18	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%	\$1,134.42	466	39	\$104.67
103%	\$1,072.70	436	44	\$114.83
93%	\$1,010.98	405	50	\$127.18
83%	\$949.27	374	59	\$142.50
73%	\$887.55	344	70	\$162.02

Example Male Lamb Price	\$202.10
Example Female Lamb Price	\$202.10
Example Weighted Average Lamb Price (\$/cwt)	\$202.10

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.