

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Animal Unit
Meat Goats, 6 Head per AU, Western Range Budget - 600 Nannies
Southwest Extension District - 10

Animal Units (AU)	100					
Breeding Females	600					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Meat Goat Kid	3.590	0.60	CWT	\$273.00	\$588.04	\$58,804.20
Meat Goat Kid	2.390	0.60	CWT	\$273.00	\$391.48	\$39,148.20
Cull Doe - Meat	1.200	1.10	CWT	\$205.00	\$270.60	\$27,060.00
Cull Buck Goat	0.000	1.70	CWT	\$168.00	\$0.00	\$0.00
Total Revenue					\$1,250.12	\$125,012.40
						Enterprise
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Total
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
Marketing Expense		1.00	AU	\$31.34	\$31.34	\$3,133.52
Feed						
20% Protein Cube		8.2	CWT	\$18.70	\$153.34	\$15,334.00
Whole Shelled Corn		270	Pound	\$0.14	\$37.53	\$3,753.00
10-10 Loose Mineral		219	Pound	\$0.57	\$124.83	\$12,483.00
Vet. Medicine						
Clostridials S&G		6	Dose	\$0.56	\$3.36	\$336.00
Deworm S&G-Ivomec		12	Dose	\$0.46	\$5.52	\$552.00
Lice control - S&G		12	CWT	\$0.46	\$5.52	\$552.00
Repairs		1	AU	\$35.21	\$35.21	\$3,520.88
Labor		2.60	Hours	\$10.00	\$26.00	\$2,600.00
Interest on Credit Line				6.50%	\$20.27	\$2,026.70
Total Variable Costs					\$479.16	\$47,916.10
Planned Returns Above Variable Costs:					\$770.96	\$77,096.30
Average Kid Breakeven Price to Cover Variable Costs				\$58.13	CWT	
						Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total	Total
Depreciation - Equipment		1	AU	\$27.83	\$27.83	\$2,782.70
Depreciation - Livestock		1	AU	\$114.30	\$114.30	\$11,430.00
Equipment Investment		\$139.13	dollars	6.50%	\$9.04	\$904.38
Pasture Cost		1	Acres	\$225.00	\$225.00	\$22,500.00
Total Fixed Costs					\$376.17	\$37,617.07
Total Costs					\$855.33	\$85,533.18
Planned Returns to Management, Risk, and Profit:					\$394.79	\$39,479.22
Average Kid Breakeven Price to Cover Total Costs				\$162.97	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Kid Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
140%	\$1,413.79	551	30	\$139.64
130%	\$1,331.96	521	33	\$150.40
120%	\$1,250.12	491	36	\$162.97
110%	\$1,168.29	461	40	\$177.82
100%	\$1,086.46	431	45	\$195.66

Example Male Kid Price	\$273.00
Example Female Kid Price	\$273.00
Example Weighted Average Kid Price (\$/cwt)	\$273.00

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.

Table 3. Alternative parasite control for Eastern Range and Eastern Farm Flock meat goats

Eastern goats will require 3 – 4 additional drench treatments more than contained in the western budgets. Each drench will require:

Day Labor – Cowboy	\$6.88
Deworm Sheep & Goats	0.46
Louse Control	<u>0.46</u>
Total (6 goats per AU) per treatment	\$ 7.80

* This amount will then be multiplied by 3 or 4 and added to the meat goat budget for an annual basis.