

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2014 Estimated Costs and Returns per Animal Unit
Angora Goats, 7 Head per AU - 100 Animal Units
Southwest Extension District - 10

Animal Units (AU)	100					Enterprise
Breeding Females	700					
REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Total
Angora Kid	3.190	0.65	CWT	\$92.31	\$191.40	\$19,140.00
Angora Kid	1.790	0.65	CWT	\$92.31	\$107.40	\$10,740.00
Cull Doe - Angora	1.660	1.10	CWT	\$72.73	\$132.80	\$13,280.00
Adult Mohair	7.000	6.86	Pound	\$5.18	\$248.64	\$24,864.00
Yearling Mohair	7.000	2.00	Pound	\$5.18	\$72.52	\$7,252.00
Kid Mohair	7.000	3.00	Pound	\$5.18	\$108.78	\$10,878.00
Total Revenue					\$861.54	\$86,154.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Miscellaneous						
Custom Shearing		7	Head	\$3.00	\$21.00	\$2,100.00
Predator Control		65	Acre	\$0.25	\$16.25	\$1,625.00
Marketing Expense		1.00	AU	\$37.15	\$37.15	\$3,714.58
Feed						
Cottonseed - S&G		105	Pound	\$0.14	\$14.70	\$1,470.00
10-10 Loose Mineral		2.94	Pound	\$0.36	\$1.06	\$105.84
Cottonseed - S&G		105	Pound	\$0.14	\$14.70	\$1,470.00
10-10 Loose Mineral		2.94	Pound	\$0.36	\$1.06	\$105.84
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Working Dog Food		7.29	Pound	\$0.60	\$4.37	\$437.40
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Working Dog Food		7.29	Pound	\$0.60	\$4.37	\$437.40
Vet. Medicine		1	AU	\$23.52	\$23.52	\$2,352.00
Repairs		1	AU	\$47.09	\$47.09	\$4,708.69
Labor		2.60	Hours	\$10.00	\$26.00	\$2,600.00
Interest on Credit Line				6.50%	\$13.87	\$1,386.54
Total Variable Costs					\$228.31	\$22,830.82
Planned Returns Above Variable Costs:					\$633.23	\$63,323.18
Average Kid or Lamb Breakeven Price to Cover Variable Costs				(\$103.32)	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	AU	\$35.97	\$35.97	\$3,597.33
Depreciation - Livestock		1	AU	\$123.98	\$123.98	\$12,398.00
Equipment Investment		\$359.73	Dollars	6.50%	\$23.38	\$2,338.27
Native Pasture Rent		1.00	Acres	\$147.00	\$147.00	\$14,700.00
Total Costs					\$558.64	\$55,864.42
Planned Returns to Management, Risk, and Profit:					\$302.90	\$30,289.58
Average Kid or Lamb Breakeven Price to Cover Total Costs				(\$1.27)	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
111%	\$927.06	577	-1	(\$1.04)
101%	\$894.30	542	-1	(\$1.14)
91%	\$861.54	506	-1	(\$1.27)
81%	\$828.78	471	-1	(\$1.42)
71%	\$796.02	435	-1	(\$1.62)

Example Offspring Price	\$92.31
Example Offspring Price	\$92.31
Example Weighted Average Offspring Price (\$/cwt)	\$92.31

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.