

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Animal Unit
Angora Goats, 7 Head per AU
Southwest Extension District - 10

Animal Units (AU)	100					
Breeding Females	700					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Angora Kid	3.800	0.65	CWT	\$166.15	\$410.40	\$41,040.00
Angora Kid	2.400	0.65	CWT	\$166.15	\$259.20	\$25,920.00
Cull Doe - Angora	1.660	1.10	CWT	\$124.00	\$226.42	\$22,642.40
Cull Buck Goat	0.000	1.70	CWT	\$168.00	\$0.00	\$0.00
Adult Mohair	7.000	6.50	Pound	\$5.50	\$250.25	\$25,025.00
Yearling Mohair	7.000	3.38	Pound	\$6.50	\$153.79	\$15,379.00
Kid Mohair	7.000	3.66	Pound	\$8.00	\$204.96	\$20,496.00
Total Revenue					\$1,505.02	\$150,502.40
						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
Custom Shearing		7	Head	\$3.00	\$21.00	\$2,100.00
Horse Health/Shoe/Feed		0.1	AU	\$4.12	\$0.41	\$41.23
Marketing Expense		1.00	AU	\$32.49	\$32.49	\$3,248.80
Feed						
20% Protein Cube		9.46	CWT	\$19.40	\$183.52	\$18,352.40
10-10 Loose Mineral		255.5	Pound	\$0.57	\$145.64	\$14,563.50
Vet. Medicine						
Clostridials S&G		7	Dose	\$0.56	\$3.92	\$392.00
Deworm S&G-Ivomec		14	Dose	\$0.71	\$9.94	\$994.00
Lice control - S&G		14	CWT	\$0.46	\$6.44	\$644.00
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		2.60	Hours	\$10.00	\$26.00	\$2,600.00
Interest on Credit Line				6.50%	\$18.64	\$1,863.82
Total Variable Costs					\$524.21	\$52,420.89
Planned Returns Above Variable Costs:					\$980.82	\$98,081.51
Average Kid Breakeven Price to Cover Variable Costs				(\$77.22) CWT		
						Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total	Total
Depreciation - Equipment		1	AU	\$58.34	\$58.34	\$5,833.99
Depreciation - Livestock		1	AU	\$87.78	\$87.78	\$8,778.00
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					\$382.61	\$38,261.04
Total Costs					\$906.82	\$90,681.93
Planned Returns to Management, Risk, and Profit:					\$598.20	\$59,820.47
Average Kid Breakeven Price to Cover Total Costs				\$17.72 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
129%	\$1,628.34	660	6	\$14.96
119%	\$1,566.68	623	6	\$16.22
109%	\$1,505.02	586	7	\$17.72
99%	\$1,443.37	548	8	\$19.51
89%	\$1,381.71	511	9	\$21.72

Example Male Kid Price	\$166.15
Example Female Kid Price	\$166.15
Example Weighted Average Kid Price (\$/cwt)	\$166.15

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.