

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Animal Unit
Trans Pecos Angora Goats, 7 Head per AU - 700 Nannies
Far West Extension District - 6

Animal Units (AU)	100					
Breeding Females	700					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Angora Kid	3.800	0.65	CWT	\$272.00	\$671.84	\$67,184.00
Angora Kid	2.410	0.65	CWT	\$272.00	\$426.09	\$42,608.80
Cull Angora Doe	1.660	1.10	CWT	\$83.45	\$152.39	\$15,238.80
Adult Mohair	7.000	6.86	Pound	\$5.52	\$265.07	\$26,507.04
Yearling Mohair	7.000	2.00	Pound	\$6.50	\$91.00	\$9,100.00
Kid Mohair	7.000	3.00	Pound	\$7.50	\$157.50	\$15,750.00
Total Revenue					\$1,763.89	\$176,388.64
		Quantity	Units	\$/Unit	Total	Enterprise
VARIABLE COSTS						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	\$41.24	\$41.24	\$4,123.88
Feed						
10-10 Loose Mineral		14.7	Pound	\$0.57	\$8.38	\$837.90
Cottonseed - S&G		210	Pound	\$0.13	\$27.30	\$2,730.00
Vet. Medicine						
Clostridials S&G		7	Dose	\$0.56	\$3.92	\$392.00
Deworm S&G-Ivomec		14	Dose	\$0.46	\$6.44	\$644.00
Lice control - S&G		14	Dose	\$0.46	\$6.44	\$644.00
Repairs		1	AU	\$39.16	\$39.16	\$3,915.60
Labor		2.60	Hours	\$10.00	\$26.00	\$2,600.00
Interest on Credit Line				6.50%	\$12.05	\$1,204.61
Total Variable Costs					\$208.17	\$20,816.99
Planned Returns Above Variable Costs:					\$1,555.72	\$155,571.65
Average Kid Breakeven Price to Cover Variable Costs				(\$113.41)	CWT	
		Quantity	Units	\$/Unit	Total	Enterprise
FIXED COSTS						Total
Depreciation - Equipment		1	AU	\$61.68	\$61.68	\$6,168.00
Depreciation - Livestock		1	AU	\$123.98	\$123.98	\$12,398.00
Equipment Investment		\$515.41	dollars	6.50%	\$33.50	\$3,350.17
Pasture Cost		1	Acres	\$225.00	\$225.00	\$22,500.00
Total Fixed Costs					\$444.16	\$44,416.17
Total Costs					\$652.33	\$65,233.16
Planned Returns to Management, Risk, and Profit:					\$1,111.55	\$111,155.48
Average Kid Breakeven Price to Cover Total Costs				(\$3.38)	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 Break Even Price to Cover Total Cost
129%	\$1,965.90	661	-1	(\$2.85)
119%	\$1,864.89	623	-1	(\$3.09)
109%	\$1,763.89	586	-1	(\$3.38)
99%	\$1,662.88	549	-1	(\$3.72)
89%	\$1,561.88	512	-1	(\$4.14)

Example Male Kid Price	\$272.00
Example Female Kid Price	\$272.00
Example Weighted Average Kid Price (\$/cwt)	\$272.00

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.