

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Animal Unit
Trans Pecos Angora Goats, 7 Head per AU
Far West Extension District - 6

Animal Units (AU)	100					
Breeding Females	700					

REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Angora Kid	3.800	0.65	CWT	\$167.38	\$413.44	\$41,344.00
Angora Kid	2.410	0.65	CWT	\$167.38	\$262.21	\$26,220.80
Cull Angora Doe	1.660	1.10	CWT	\$107.16	\$195.68	\$19,568.28
Cull Buck Goat	0.000	1.70	CWT	\$168.00	\$0.00	\$0.00
Adult Mohair	7.000	6.86	Pound	\$5.58	\$267.95	\$26,795.16
Yearling Mohair	7.000	2.00	Pound	\$7.13	\$99.82	\$9,982.00
Kid Mohair	7.000	3.00	Pound	\$8.38	\$175.98	\$17,598.00
Total Revenue					\$1,415.08	\$141,508.24

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
Horse Health/Shoe/Feed	0.1	AU	\$4.12	\$0.41	\$41.23
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	\$0.11	\$23.10	\$2,310.00
Vet. Medicine					
Clostridials S&G	7	Dose	\$0.51	\$3.57	\$357.00
Deworm S&G-Ivomec	14	Dose	\$0.71	\$9.94	\$994.00
Lice control - S&G	14	Dose	\$0.06	\$0.84	\$84.00
Fuel					
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%	\$10.73	\$1,072.76
Total Variable Costs				\$201.42	\$20,141.90

Planned Returns Above Variable Costs:		\$1,213.66	\$121,366.33
Average Kid Breakeven Price to Cover Variable Costs	(\$133.29)	CWT	

FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment	1	AU	\$58.34	\$58.34	\$5,833.99
Depreciation - Livestock	1	AU	\$88.98	\$88.98	\$8,898.00
Equipment Investment	\$1,207.55	dollars	6.50%	\$78.49	\$7,849.05
Pasture Cost	1	Acres	\$186.00	\$186.00	\$18,600.00
Total Fixed Costs				\$411.81	\$41,181.04
Total Costs				\$613.23	\$61,322.94

Planned Returns to Management, Risk, and Profit:		\$801.85	\$80,185.29
Average Kid Breakeven Price to Cover Total Costs	(\$31.27)	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per Animal Unit	Example Breakeven Kid Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
129%	\$1,539.40	661	-10	(\$26.41)
119%	\$1,477.24	623	-11	(\$28.63)
109%	\$1,415.08	586	-13	(\$31.27)
99%	\$1,352.93	549	-14	(\$34.43)
89%	\$1,290.77	512	-17	(\$38.32)

Example Male Kid Price	\$167.38
Example Female Kid Price	\$167.38
Example Weighted Average Kid Price (\$/cwt)	\$167.38

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.