

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 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	2.630	0.65	CWT	\$244.31	\$417.64	\$41,764.40
Angora Kid	1.220	0.65	CWT	\$244.31	\$193.74	\$19,373.60
Cull Angora Doe	1.660	1.10	CWT	\$1.18	\$2.15	\$214.82
Cull Buck Goat	0.000	1.70	CWT	\$161.00	\$0.00	\$0.00
Adult Mohair	7.000	6.86	Pound	\$5.00	\$240.10	\$24,010.00
Yearling Mohair	1.660	2.00	Pound	\$9.06	\$30.08	\$3,007.92
Kid Mohair	5.250	3.00	Pound	\$9.10	\$143.33	\$14,332.50
Total Revenue					\$1,027.03	\$102,703.24
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Miscellaneous						
Custom Shearing		1.00	AU	\$22.75	\$22.75	\$2,275.00
Predator Control		1.00	AU	\$16.25	\$16.25	\$1,625.00
Marketing Expense		1.00	AU	\$28.87	\$28.87	\$2,887.24
Feed						
Cottonseed - S&G		210	Pound	\$0.17	\$35.70	\$3,570.00
10-10 Loose Mineral		14.7	Pound	\$0.57	\$8.38	\$837.90
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		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	\$36.05	\$36.05	\$3,604.77
Labor		2.60	Hours	\$15.00	\$39.00	\$3,900.00
Utilities		1.00	AU	\$24.00	\$24.00	\$2,400.00
Interest on Credit Line				4.75%	\$9.49	\$948.58
Total Variable Costs					\$261.10	\$26,110.29
Planned Returns Above Variable Costs:					\$765.93	\$76,592.96
Average Kid Breakeven Price to Cover Variable Costs				(\$61.76) CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	AU	\$92.05	\$92.05	\$9,205.04
Depreciation - Livestock		1	AU	\$88.98	\$88.98	\$8,898.00
Equipment Investment		\$1,477.46	dollars	5.50%	\$81.26	\$8,126.01
Pasture Cost		1	Acres	\$186.00	\$186.00	\$18,600.00
Total Fixed Costs					\$448.29	\$44,829.05
Total Costs					\$709.39	\$70,939.34
Planned Returns to Management, Risk, and Profit:					\$317.64	\$31,763.90
Average Kid Breakeven Price to Cover Total Costs				\$117.38 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
95%	\$1,190.07	500	24	\$92.67
85%	\$1,108.55	466	28	\$103.57
75%	\$1,027.03	433	33	\$117.38
65%	\$945.52	399	42	\$135.44
55%	\$864.00	366	55	\$160.06

Example Male Kid Price	\$244.31
Example Female Kid Price	\$244.31
Example Weighted Average Kid Price (\$/cwt)	\$244.31

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.