

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Animal Unit
Commercial Meat Goats, 6 Head per AU - 600 Does
West Central Extension District - 7

Animal Units (AU)	100					
Breeding Females	600					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Meat Goat Kid - Buck	3.600	0.57	CWT	\$251.50	\$516.08	\$51,607.80
Meat Goat Kid - Doe	2.400	0.57	CWT	\$251.50	\$344.05	\$34,405.20
Cull Does	1.200	1.10	CWT	\$124.00	\$163.68	\$16,368.00
Cull Billy	0.060	1.70	CWT	\$135.00	\$13.77	\$1,377.00
Total Revenue					\$1,037.58	\$103,758.00

						Enterprise
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Total
Production Costs						
Miscellaneous						
Supplies		6	Head	\$3.00	\$18.00	\$1,800.00
Predator Control - Goats		6	Head	\$3.53	\$21.18	\$2,118.00
Brush Control		30	Acre	\$1.00	\$30.00	\$3,000.00
PRF Rainfall Ins		30	Acre	\$0.85	\$25.50	\$2,550.00
Marketing Expense		1.00	AU	\$28.68	\$28.68	\$2,867.70
Feed						
Corn - Sheep and Goat		135	Pound	\$0.07	\$9.64	\$963.90
Salt - Sheep		15	Pound	\$0.11	\$1.65	\$165.00
Mineral - Sheep		6	Pound	\$0.59	\$3.54	\$354.00
Dog food		0.02		\$250.00	\$5.00	\$500.00
Range Cubes 20%		2.7	CWT	\$16.10	\$43.47	\$4,347.00
Vet. Medicine						
Soremouth		7.2	Dose	\$0.32	\$2.30	\$230.40
S&G Deworm 1st		35.04	ml	\$0.12	\$4.38	\$437.82
S&G Deworm 2nd		5.6064	Grams	\$0.44	\$2.48	\$247.98
Guard/Working Dog Health		0.02	Head	\$250.00	\$5.00	\$500.00
Fuel		1.0	AU	\$42.00	\$42.00	\$4,200.00
Lube (As a % of fuel)		10.0%	Percent	\$42.00	\$4.20	\$420.00
Repairs		1	AU	\$52.32	\$52.32	\$5,232.49
Labor		0.40	Hours	\$15.00	\$6.00	\$600.00
Utilities		1.00	AU	\$24.00	\$24.00	\$2,400.00
Interest on Credit Line				5.25%	\$20.51	\$2,050.65
Total Variable Costs					\$349.85	\$34,984.94

Planned Returns Above Variable Costs: \$687.73
Average Kid Breakeven Price to Cover Variable Costs \$50.41 CWT \$68,773.06

						Enterprise
FIXED COSTS		Quantity	Units	\$/Unit	Total	Total
Depreciation - Equipment		1	AU	\$58.29	\$58.29	\$5,828.93
Depreciation - Livestock		1	AU	\$17.54	\$17.54	\$1,754.00
Equipment Investment		\$1,564.70	dollars	5.25%	\$82.15	\$8,214.67
Pasture Cost		30	Acres	\$8.00	\$240.00	\$24,000.00
Total Fixed Costs					\$397.98	\$39,797.60
Total Costs					\$747.83	\$74,782.54
Planned Returns to Management, Risk, and Profit:					\$289.75	\$28,975.46
Average Kid Breakeven Price to Cover Total Costs				\$166.78	CWT	

Sensitivity Analysis for Example

	Example Gross	Pounds	Example Breakeven	
Example Weaning	Sales per	Produced	Kid Pay Weight to	Example Average Breakeven
Percent	Animal Unit	per AU	Cover Total Cost	Price to Cover Total Cost
140%	\$1,180.94	541	31	\$142.95
130%	\$1,109.26	513	34	\$153.95
120%	\$1,037.58	484	38	\$166.78
110%	\$965.90	456	42	\$181.94
100%	\$894.23	427	47	\$200.13

Example Male Kid Price \$251.50
Example Female Kid Price \$251.50
Example Weighted Average Kid Price (\$/cwt) \$251.50

Developed by Bill Thompson, Associate 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.