

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Animal Unit
Commercial Meat Goats, 6 Head per AU
West Central Extension District - 7

Animal Units (AU)	100					
Breeding Females	600					

	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Meat Goat Kid - Buck	3.600	0.57	CWT	\$245.00	\$502.74	\$50,274.00
Meat Goat Kid - Doe	2.400	0.57	CWT	\$245.00	\$335.16	\$33,516.00
Cull Does	1.200	1.10	CWT	\$122.00	\$161.04	\$16,104.00
Cull Billy	0.060	1.70	CWT	\$135.00	\$13.77	\$1,377.00
PRF Income	6.000	5.00	Acre	\$1.96	\$58.80	\$5,880.00
Total Revenue					\$1,071.51	\$107,151.00

	Quantity	Units	\$/Unit	Total	Enterprise Total
VARIABLE COSTS					
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	\$1.11	\$33.30	\$3,330.00
Marketing Expense	1.00	AU	\$28.68	\$28.68	\$2,867.70
Feed					
Range Cubes 20%	2.7	CWT	\$16.10	\$43.47	\$4,347.00
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	0.05	Dog	\$650.00	\$32.50	\$3,250.00
Vet. Medicine					
Soremouth	7.2	Dose	\$0.32	\$2.30	\$230.40
Guard/Working Dog Health	0.05	Head	\$250.00	\$12.50	\$1,250.00
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
Fuel	1.0	AU	\$50.40	\$50.40	\$5,040.00
Lube (As a % of fuel)	10.0%	Percent	\$50.40	\$5.04	\$504.00
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%	\$22.19	\$2,219.39
Total Variable Costs				\$403.58	\$40,357.69
Planned Returns Above Variable Costs:				\$667.93	\$66,793.31
Average Kid Breakeven Price to Cover Variable Costs			\$49.70	CWT	

	Quantity	Units	\$/Unit	Total	Enterprise Total
FIXED COSTS					
Depreciation - Equipment	1	AU	\$58.29	\$58.29	\$5,828.93
Depreciation - Livestock	1	AU	\$40.79	\$40.79	\$4,079.00
Equipment Investment	\$1,564.70	dollars	6.00%	\$93.88	\$9,388.20
Pasture Cost	30	Acres	\$8.00	\$240.00	\$24,000.00
Total Fixed Costs				\$432.96	\$43,296.13
Total Costs				\$836.54	\$83,653.81
Planned Returns to Management, Risk, and Profit:				\$234.97	\$23,497.19
Average Kid Breakeven Price to Cover Total Costs			\$176.29	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
140%	\$1,211.16	541	34	\$151.11
130%	\$1,141.34	513	37	\$162.73
120%	\$1,071.51	484	41	\$176.29
110%	\$1,001.69	456	46	\$192.32
100%	\$931.86	427	51	\$211.55

Example Male Kid Price	\$245.00
Example Female Kid Price	\$245.00
Example Weighted Average Kid Price (\$/cwt)	\$245.00

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.