

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 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					
REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Meat Goat Kid - Buck	3.600	0.57	CWT	\$248.26	\$509.43	\$50,942.95
Meat Goat Kid - Doe	2.400	0.57	CWT	\$248.26	\$339.62	\$33,961.97
Cull Does	1.200	1.10	CWT	\$113.00	\$149.16	\$14,916.00
Cull Billy	0.060	1.70	CWT	\$120.00	\$12.24	\$1,224.00
PRF Income	6.000	5.00	Acre	\$1.96	\$58.80	\$5,880.00
Total Revenue					\$1,069.25	\$106,924.92
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Miscellaneous						
Supplies		6	Head	\$3.00	\$18.00	\$1,800.00
Predator Control - Goats		6	Head	\$1.75	\$10.50	\$1,050.00
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						
Corn - Sheep and Goat		67.5	Pound	\$0.07	\$4.82	\$481.95
Range Cubes 20%		1.35	CWT	\$17.30	\$23.36	\$2,335.50
Salt - Sheep		15	Pound	\$0.11	\$1.71	\$171.00
Mineral - Sheep		6	Pound	\$0.40	\$2.38	\$238.20
Dog food		0.05	Dog	\$344.93	\$17.25	\$1,724.63
Vet. Medicine						
S&G Deworm 1st		82.8	MI	\$0.06	\$4.74	\$474.44
Soremouth		7.2	Dose	\$0.33	\$2.37	\$237.24
Guard/Working Dog Health		0.05	Head	\$250.00	\$12.50	\$1,250.00
Fuel		1.0	AU	\$43.20	\$43.20	\$4,320.00
Lube (As a % of fuel)		10.0%	Percent	\$43.20	\$4.32	\$432.00
Repairs		1	AU	\$52.32	\$52.32	\$5,232.49
Labor		0.30	Hours	\$15.00	\$4.50	\$450.00
Utilities		1.00	AU	\$24.00	\$24.00	\$2,400.00
Interest on Credit Line				5.25%	\$19.91	\$1,990.80
Total Variable Costs					\$337.86	\$33,785.95
Planned Returns Above Variable Costs:					\$731.39	\$73,138.97
Average Kid Breakeven Price to Cover Variable Costs				\$34.40	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	AU	\$58.29	\$58.29	\$5,828.93
Depreciation - Livestock		1	AU	\$39.64	\$39.64	\$3,964.17
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					\$431.81	\$43,181.29
Total Costs					\$769.67	\$76,967.24
Planned Returns to Management, Risk, and Profit:					\$299.58	\$29,957.68
Average Kid Breakeven Price to Cover Total Costs				\$160.66	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
140%	\$1,210.76	541	31	\$137.71
130%	\$1,140.00	513	34	\$148.31
120%	\$1,069.25	484	37	\$160.66
110%	\$998.50	456	41	\$175.27
100%	\$927.74	427	46	\$192.80

Example Male Kid Price	\$248.26
Example Female Kid Price	\$248.26
Example Weighted Average Kid Price (\$/cwt)	\$248.26

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.