

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2023 Estimated Costs and Returns per Breeding Female
Small Acreage Meat Goats
West Central Extension District - 7

Breeding Females	12					
REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Meat Goat Kid - Buck	0.667	0.55	CWT	\$290.90	\$106.66	\$1,279.96
Meat Goat Kid - Doe	0.417	0.55	CWT	\$290.90	\$66.66	\$799.98
Cull Does	0.167	1.15	CWT	\$154.80	\$29.67	\$356.04
Cull Billy	0.042	2.00	CWT	\$161.00	\$13.42	\$161.00
PRF Income	1.000	3.33	Acre	\$1.96	\$6.53	\$78.32
Total Revenue					\$222.94	\$2,675.30
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Miscellaneous						
Supplies		1.00	Head	\$2.00	\$2.00	\$24.00
PRF Rainfall Ins		1.00	Head	\$3.70	\$3.70	\$44.40
Marketing Expense		1.00	Head	\$5.10	\$5.10	\$61.23
Feed						
Salt - Sheep		2.708333333	Pound	\$0.13	\$0.35	\$4.26
Mineral - Sheep		1.083333333	Pound	\$0.44	\$0.47	\$5.68
Range Cubes 20%		0.4875	CWT	\$17.90	\$8.73	\$104.72
Corn - Sheep and Goat		24.375	Pound	\$0.07	\$1.74	\$20.88
Vet. Medicine						
Soremouth		1.25	Dose	\$0.34	\$0.43	\$5.10
S&G Deworm 1st		14.33333333	ML	\$0.06	\$0.84	\$10.09
S&G Deworm 2nd		3.725	ML	\$0.07	\$0.26	\$3.12
Fuel		1.0	Head	\$3.95	\$3.95	\$47.41
Lube (As a % of fuel)		10.0%	Percent	\$3.95	\$0.40	\$4.74
Repairs		1	Head	\$32.58	\$32.58	\$390.93
Utilities		1.00	Head	\$6.00	\$6.00	\$72.00
Interest on Credit Line				8.00%	\$3.73	\$44.73
Total Variable Costs					\$70.27	\$843.28
Planned Returns Above Variable Costs:					\$152.67	\$1,832.01
Average Kid Breakeven Price to Cover Variable Costs				\$34.67 CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Depreciation - Equipment		1	Head	\$130.93	\$130.93	\$1,571.19
Depreciation - Livestock		1	Head	\$5.56	\$5.56	\$66.67
Pasture Cost		3.333333333	Acres	\$8.00	\$26.67	\$320.00
Total Fixed Costs					\$163.16	\$1,957.86
Total Costs					\$233.43	\$2,801.14
Planned Returns to Management, Risk, and Profit:					(\$10.49)	(\$125.85)
Average Kid Breakeven Price to Cover Total Costs				\$308.50 CWT		

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Breeding Female	Pounds Produced per Breeding Female	Example Breakeven Kid Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
145%	\$250.67	97	49	\$265.95
135%	\$236.81	92	53	\$285.65
125%	\$222.94	87	58	\$308.50
115%	\$209.08	82	64	\$335.33
105%	\$195.21	78	72	\$367.26

Example Male Kid Price	\$290.90
Example Female Kid Price	\$290.90
Example Weighted Average Kid Price (\$/cwt)	\$290.90

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.