

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 Estimated Costs and Returns per Breeding Female
Small Acreage Hair Sheep
West Central Extension District - 7

Breeding Females		12				
REVENUE	Head	Quantity Per Head	Units	\$/Unit	Total	Enterprise Total
Slaughter Lamb - ewe (65lbs)	0.667	0.65	CWT	\$197.13	\$85.42	\$1,025.08
Slaughter Lamb - ram (65 Lbs)	0.417	0.65	CWT	\$197.13	\$53.39	\$640.67
Cull Ewes	0.167	1.25	CWT	\$86.80	\$18.08	\$217.00
Cull Rams	0.042	2.00	CWT	\$91.80	\$7.65	\$91.80
PRF Income	1.000	3.33	Acre	\$1.96	\$6.53	\$78.32
Total Revenue					\$171.07	\$2,052.87
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
Overeat/Tetnus		1.25	Dose	\$0.84	\$1.05	\$12.61
Fuel		1.0	Head	\$3.23	\$3.23	\$38.70
Lube (As a % of fuel)		10.0%	Percent	\$3.23	\$0.32	\$3.87
Repairs		1	Head	\$32.58	\$32.58	\$390.93
Utilities		1.00	Head	\$6.00	\$6.00	\$72.00
Interest on Credit Line				4.75%	\$2.19	\$26.26
Total Variable Costs					\$67.89	\$814.63
Planned Returns Above Variable Costs:					\$103.19	\$1,238.24
Average Lamb Breakeven Price to Cover Variable Costs				\$50.59	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					\$231.04	\$2,772.49
Planned Returns to Management, Risk, and Profit:					(\$59.97)	(\$719.62)
Average Lamb Breakeven Price to Cover Total Costs				\$282.29	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Breeding Female	Pounds		Example Breakeven Lamb Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
		Produced per Breeding Female	Example		
145%	\$193.28	111		79	\$243.36
135%	\$182.18	105		85	\$261.38
125%	\$171.07	100		93	\$282.29
115%	\$159.97	94		103	\$306.84
105%	\$148.86	88		114	\$336.06

Example Male Lamb Price	\$197.13
Example Female Lamb Price	\$197.13
Example Weighted Average Lamb Price (\$/cwt)	\$197.13

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.