Projections for Planning Purposes Only -- Not to be Used without Updating

2021 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	$290.90	$596.93	$59,692.68
Meat Goat Kid - Doe	2.400	0.57	CWT	$290.90	$397.95	$39,795.12
Cull Does	1.200	1.10	CWT	$154.80	$204.34	$20,433.60
Cull Billy	0.060	1.70	CWT	$161.00	$16.42	$1,642.20
PRF Income	6.000	5.00	Acre	$1.96	$58.80	$5,880.00
Total Revenue					$1,274.44	$127,443.60

VARIABLE COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Production Costs					
Miscellaneous					
Supplies	1.00	AU	$18.00	$18.00	$1,800.00
Predator Control - Goats	1.00	AU	$10.50	$10.50	$1,050.00
Brush Control	1.00	AU	$30.00	$30.00	$3,000.00
PRF Rainfall Ins	1.00	AU	$33.30	$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	$17.90	$24.17	$2,416.50
Salt - Sheep	15	Pound	$0.13	$1.97	$196.50
Mineral - Sheep	6	Pound	$0.44	$2.62	$262.20
Dog food	0.05	Dog	$362.26	$18.11	$1,811.30
Vet. Medicine					
S&G Deworm 1st	82.8	ML	$0.06	$4.86	$485.85
Soremouth	7.2	Dose	$0.34	$2.45	$244.80
Guard/Working Dog Health	0.05	Head	$250.00	$12.50	$1,250.00
Fuel	1.0	AU	$32.40	$32.40	$3,240.00
Lube (As a % of fuel)	10.0%	Percent	$32.40	$3.24	$324.00
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			4.75%	$16.41	$1,641.17
Total Variable Costs				$324.84	$32,484.46
Planned Returns Above Variable Costs:				$949.59	$94,959.14
Average Kid Breakeven Price to Cover Variable Costs			$13.24	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	5.50%	$86.06	$8,605.85
Pasture Cost	30	Acres	$8.00	$240.00	$24,000.00
Total Fixed Costs				$423.99	$42,398.94
Total Costs				$748.83	$74,883.41
Planned Returns to Management, Risk, and Profit:				$525.60	$52,560.19
Average Kid Breakeven Price to Cover Total Costs			$137.22	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%	$1,440.25	541	22	$117.61
130%	$1,357.34	513	24	$126.66
120%	$1,274.44	484	27	$137.22
110%	$1,191.53	456	30	$149.69
100%	$1,108.62	427	34	$164.66

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

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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.