

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Animal Unit
Cow-Calf Production with Winter Pasture - 40 Cows
East Texas Extension District - 5

Animal Units (AU)	40					
Breeding Females	40					
		Quantity				Enterprise
REVENUE	Head	Per Head	Units	\$/Unit	Total	Total
Steer	0.425	5.50	CWT	\$120.00	\$280.50	\$11,220.00
Heifer	0.300	5.20	CWT	\$110.00	\$171.60	\$6,864.00
Cull Cow	0.150	10.50	CWT	\$50.00	\$78.75	\$3,150.00
Cull Bull	0.025	18.00	CWT	\$65.00	\$29.25	\$1,170.00
Total Revenue					\$560.10	\$22,404.00
		Quantity	Units	\$/Unit	Total	Enterprise
VARIABLE COSTS						Total
Production Costs						
Miscellaneous						
Miscellaneous - Cow		1	Head	\$10.00	\$10.00	\$400.00
Marketing Expense		1.00	AU	\$32.40	\$32.40	\$1,296.00
Feed						
Salt and Mineral - Cow		1	Head	\$45.00	\$45.00	\$1,800.00
Hay		0.5	Ton	\$90.00	\$45.00	\$1,800.00
Vet. Medicine						
Vet. Medicine - Cow		1	Head	\$42.00	\$42.00	\$1,680.00
Fuel		1.0	AU	\$2.88	\$2.88	\$115.00
Lube (As a % of fuel)		10.0%	Percent	\$2.88	\$0.29	\$11.50
Repairs		1	AU	\$2.79	\$2.79	\$111.63
Interest on Credit Line				4.75%	\$12.53	\$501.06
Total Variable Costs					\$192.88	\$7,715.19
Planned Returns Above Variable Costs:					\$367.22	\$14,688.81
Average Calf Breakeven Price to Cover Variable Costs				\$21.78	CWT	
		Quantity	Units	\$/Unit	Total	Enterprise
FIXED COSTS						Total
Depreciation - Equipment		1	AU	\$22.80	\$22.80	\$912.09
Depreciation - Livestock		1	AU	\$70.71	\$70.71	\$2,828.57
Equipment Investment		\$461.95	dollars	5.25%	\$24.25	\$970.09
Pasture Cost		2.5	Acres	\$166.72	\$416.79	\$16,671.68
Total Fixed Costs					\$534.56	\$21,382.43
Total Costs					\$727.44	\$29,097.62
Planned Returns to Management, Risk, and Profit:					(\$167.34)	(\$6,693.62)
Average Calf Breakeven Price to Cover Total Costs				\$158.93	CWT	

Sensitivity Analysis for Example

Example Weaning Percent	Example Gross Sales per Animal Unit	Pounds Produced per AU	Example Breakeven Calf Pay Weight to Cover Total Cost	Example Average Breakeven Price to Cover Total Cost
91%	\$592.01	620	703	\$148.45
88%	\$576.06	606	732	\$153.51
85%	\$560.10	592	763	\$158.93
82%	\$544.14	578	797	\$164.75
79%	\$528.19	565	834	\$171.00

Example Male Calf Price	\$120.00
Example Female Calf Price	\$110.00
Example Weighted Average Calf Price (\$/cwt)	\$116.00

Developed by Gerald Cornforth, Extension Economist; Vanessa Olson, Extension Forage Specialist; and, Jason Banta, Extension Beef Cattle Specialist, Texas A&M AgriLife Extension Service. For more information, contact: Vanessa Olson or Jason Banta at 903-834-6191.

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.