

CLEMSON

EXTENSION

Department of Applied Economics and Statistics

Phone: 864-656-3475



MEAT GOAT OPERATION

ESTIMATED COSTS AND RETURNS PER HEAD, 2008/2009

HERD SIZE (DOES)	50.00	PERCENT KID CROP:	180.0%
KIDS SOLD FOR MEAT (F):	11.00	SOLD FOR MEAT (F):	15.0%
KIDS SOLD FOR MEAT (M):	37.00	SOLD FOR MEAT (M):	50.0%
KIDS SOLD FOR BREEDING (F):	26.00	SOLD FOR BREEDING (F):	35.0%
KIDS SOLD FOR BREEDING (M):	0.00	SOLD FOR BREEDING (M):	0.0%
NUMBER OF CULL STOCK SOLD:	7.00	CULL STOCK SOLD :	15.0%
NUMBER OF KIDS DEATH:	9.00	KID MORTALITY RATE:	10.0%
LBS. OF CONCENTRATE DOE/DAY:	0.50	DAYS ON CONCENTRATE:	100.00
LBS. OF HAY DOE/DAY:	3.00	DAYS ON HAY & SUPPL.:	120.00
ACRES IN FORAGE:	20.00	AVAILABLE FARMLAND:	20 ACRES

	UNIT	QUANT.	PRICE OR COST/UNIT	TOTAL PER HERD	TOTAL PER DOE	YOUR FARM
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1. GROSS RECEIPTS

MARKET ANIMALS FOR MEAT	HEAD	48.00	\$70.00	\$3,360.00	\$67.20	
BREEDING FEMALES	HEAD	26.00	\$85.00	\$2,210.00	\$44.20	
CULL BREEDING STOCK	HEAD	7.00	\$75.00	\$525.00	\$10.50	
CULL BUCK	HEAD	1.50	\$100.00	\$150.00	\$3.00	
TOTAL RECEIPTS:		82.50		\$6,245.00	\$124.90	

2. VARIABLE COSTS

FEED

PASTURE (BERMUDAGRASS ACRE		20.00	\$146.44	\$2,928.80	\$58.58	
HAY (PURCHASE)	TON	9.54	\$75.00	\$715.50	\$14.31	
CONCENTRATE	CWT	26.50	\$11.00	\$291.50	\$5.83	
SALT & MINERALS	HEAD	53.00	\$1.50	\$79.50	\$1.59	

VETERINARY & MEDICATION

DEWORMING (6x)	HEAD	53.00	\$4.90	\$259.70	\$5.19	
VACCINATION (2x)	DOSE	106.00	\$0.40	\$42.40	\$0.85	
ANTIBIOTICS & MISC. MED.	YEAR	1.00	\$25.00	\$25.00	\$0.50	
MISCELLANEOUS	HEAD	53.00	\$0.00	\$0.00	\$0.00	
FACILITIES & EQUIPMENT	HEAD	53.00	\$2.03	\$107.70	\$2.15	
SUPPLIES	HEAD	53.00	\$4.00	\$212.00	\$4.24	
HIRED LABOR PER DOE	HRS	0.00	\$6.00	\$0.00	\$0.00	
INTEREST ON OP. CAP. (6 Mo)	DOL.	\$2,331.05	9.0%	\$209.79	\$4.20	
MARKETING & TRANSPORT.	YEAR	1.00	\$75.00	\$75.00	\$1.50	

TOTAL VARIABLE COSTS:

\$4,946.89 **\$98.94**

3. INCOME ABOVE VARIABLE COSTS:

\$1,298.11 **\$25.96**

4. FIXED COSTS

GOAT OPERATION	HEAD	53.00	\$25.01	\$1,325.44	\$26.51	
FORAGE DEPR. & ESTAB. COS	ACRE	20.00	\$47.59	\$951.80	\$19.04	

TOTAL FIXED COSTS:

\$2,277.24 **\$45.55**

5. OTHER COSTS

LAND CHARGE	ACRE	20.00	\$15.00	\$300.00	\$6.00	
ADDITIONAL LAND RENTAL FE	ACRE	0.00	\$15.00	\$0.00	\$0.00	
GENERAL OVERHEAD	DOL.	\$4,946.89	9.0%	\$445.22	\$8.90	

TOTAL OTHER COSTS:

\$745.22 **\$14.90**

6. TOTAL COSTS:

\$7,969.35 **\$159.39**

7. NET RETURNS TO RISK AND MANAGEMENT:

-\$1,724.35 **-\$34.49**

	<u>BREAK-EVEN KID CROP</u>	<u>BREAK-EVEN ANIMAL PRICE (\$/HEAD)</u>
	<u>Percent</u>	<u>Meat</u> <u>Breeding</u>
VARIABLE COSTS	142%	\$42.00 \$34.00
TOTAL COSTS	231%	\$106.00 \$152.00

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

** BREAK-EVEN PRICES ASSUME THAT ALL OTHER PRICES REMAIN THE SAME WHEN INDIVIDUAL PRICES ARE APPLIED.

*** CONCEPTION RATE IS ASSUMED TO BE 100%, AND DOE MORTALITY RATE IS ASSUMED TO BE 0%.

**** PERCENTAGE OF MEAT AND BREEDING ANIMALS ARE COMPUTED AFTER SUBTRACTING CULL STOCKS AND DEAD KIDS.

***** CULL BUCKS ARE TO BE REPLACED EVERY TWO YEARS.

MEAT GOAT OPERATION								
ESTIMATED MEAT GOAT OPERATION, FACILITIES, EQUIPMENT AND MACHINERY INPUTS FOR:								50 DOES
LIFE (YRS)	FACILITIES & EQUIPMENT	UNIT VALUE	#	NEW INVEST.	REPAIR	DEPR.	INTEREST	NSURANCE
15	CORRAL / WORKING PEN	3200.00	1	3200.00	48.00	213.33	144.00	0.00
10	MISC. EQUIPMENT	120.00	1	120.00	1.80	12.00	5.40	0.00
15	FENCING	193.00	20	3860.00	57.90	257.33	173.70	0.00
TOTAL PER HEAD				135.47	2.03	9.11	6.10	0.00
LIFE (YRS)	GOAT OPERATION	UNIT VALUE	#	NEW INVEST.	SALVAGE VALUE	DEPR.	INTEREST	NSURANCE
7	DOES	70.00	50	3500.00	2450.00	150.00	267.75	0.00
2	BUCKS	150.00	3	450.00	315.00	67.50	34.43	0.00
TOTAL PER HEAD				74.53		4.10	5.70	0.00

INCOME ABOVE VARIABLE COSTS FOR DIFFERENT KID CROP PERCENTS AND MEAT SALE PRICES					
PERCENT KID CROP	MEAT SALE PRICE (\$/HEAD)				
	\$56.00	\$63.00	\$70.00	\$77.00	\$84.00
150.0%	-\$246.89	\$33.11	\$313.11	\$593.11	\$873.11
160.0%	\$91.11	\$392.11	\$693.11	\$994.11	\$1,295.11
170.0%	\$429.11	\$751.11	\$1,073.11	\$1,395.11	\$1,717.11
180.0%	\$626.11	\$962.11	\$1,298.11	\$1,634.11	\$1,970.11
190.0%	\$1,020.11	\$1,384.11	\$1,748.11	\$2,112.11	\$2,476.11

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