

CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

MEAT GOAT OPERATION						
ESTIMATED COSTS AND RETURNS PER HEAD						
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
1. GROSS RECEIPTS						
MARKET ANIMALS FOR MEAT	HEAD	48.00	\$120.00	\$5,760.00	\$115.20	_____
BREEDING FEMALES	HEAD	26.00	\$85.00	\$2,210.00	\$44.20	_____
CULL BREEDING STOCK	HEAD	7.00	\$120.00	\$840.00	\$16.80	_____
CULL BUCK	HEAD	1.50	\$25.00	\$37.50	\$0.75	_____
TOTAL RECEIPTS:		82.50		\$8,847.50	\$176.95	\$0.00
2. VARIABLE COSTS						
FEED						
PASTURE (BERMUDAGRASS)	ACRE	20.00	\$151.64	\$3,032.80	\$60.66	_____
HAY (PURCHASE)	TON	9.54	\$120.00	\$1,144.80	\$22.90	_____
CONCENTRATE	CWT	26.50	\$15.00	\$397.50	\$7.95	_____
SALT & MINERALS	HEAD	53.00	\$8.00	\$424.00	\$8.48	_____
VETERINARY & MEDICATION						
DEWORMING (6x)	HEAD	53.00	\$6.00	\$318.00	\$6.36	_____
VACCINATION (2x)	DOSE	106.00	\$0.60	\$63.60	\$1.27	_____
ANTIBIOTICS & MISC. MED.	YEAR	1.00	\$30.00	\$30.00	\$0.60	_____
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	\$5.00	\$265.00	\$5.30	_____
HIRE LABOR PER DOE	HRS	0.00	\$8.00	\$0.00	\$0.00	_____
INTEREST ON OP. CAP. (6 Mo)	DOL.	\$2,891.70	5.0%	\$144.59	\$2.89	_____
MARKETING & TRANSPORT.	YEAR	1.00	\$100.00	\$100.00	\$2.00	_____
TOTAL VARIABLE COSTS:				\$6,027.99	\$120.56	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$2,819.51	\$56.39	\$0.00
4. FIXED COSTS						
GOAT OPERATION	HEAD	53.00	\$22.26	\$1,179.82	\$23.60	_____
FORAGE DEPR. & ESTAB. COST	ACRE	20.00	\$50.95	\$1,019.00	\$20.38	_____
TOTAL FIXED COSTS:				\$2,198.82	\$43.98	\$0.00
5. OTHER COSTS						
LAND CHARGE	ACRE	20.00	\$40.00	\$800.00	\$16.00	_____
ADDITIONAL LAND RENTAL FEE	ACRE	0.00	\$40.00	\$0.00	\$0.00	_____
GENERAL OVERHEAD	DOL.	\$6,027.99	7.0%	\$421.96	\$8.44	_____
TOTAL OTHER COSTS:				\$1,221.96	\$24.44	\$0.00
6. TOTAL COSTS:				\$9,448.77	\$188.98	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$601.27	-\$12.03	\$0.00

	BREAK-EVEN KID CROP		BREAK-EVEN ANIMAL PRICE (\$/HEAD)	
	<i>Percent</i>		<i>Meat</i>	<i>Breeding</i>
VARIABLE COSTS	122%		\$60.00	(\$26.00)
TOTAL COSTS	193%		\$132.00	\$107.00

* 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 1.5%	DEPR.	INTEREST	INSURANCE 1.5%
15	CORRAL / WORKING PEN	3200.00	1	3200.00	48.00	213.33	80.00	24.00
10	MISC. EQUIPMENT	120.00	1	120.00	1.80	12.00	3.00	0.90
15	FENCING	193.00	20	3860.00	57.90	257.33	96.50	28.95
TOTAL PER HEAD				135.47	2.03	9.11	3.39	1.02
LIFE (YRS)	GOAT OPERATION	UNIT VALUE	#	NEW INVEST.	SALVAGE 60%	DEPR.	INTEREST	INSURANCE 0.5%
7	DOES	70.00	50	3500.00	2100.00	200.00	140.00	14.00
2	BUCKS	150.00	3	450.00	270.00	90.00	18.00	1.80
TOTAL PER HEAD				74.53		5.47	2.98	0.30

INCOME ABOVE VARIABLE COSTS FOR DIFFERENT KID CROP PERCENTS AND MEAT SALE PRICES					
PERCENT KID CROP	MEAT SALE PRICE (\$/HEAD)				
	\$96.00	\$108.00	\$120.00	\$132.00	\$144.00
150.0%	\$474.51	\$954.51	\$1,434.51	\$1,914.51	\$2,394.51
160.0%	\$932.51	\$1,448.51	\$1,964.51	\$2,480.51	\$2,996.51
170.0%	\$1,390.51	\$1,942.51	\$2,494.51	\$3,046.51	\$3,598.51
180.0%	\$1,667.51	\$2,243.51	\$2,819.51	\$3,395.51	\$3,971.51
190.0%	\$2,221.51	\$2,845.51	\$3,469.51	\$4,093.51	\$4,717.51

THE CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE OFFERS ITS PROGRAMS TO PEOPLE OF ALL AGES, REGARDLESS OF RACE, COLOR, SEX, RELIGION, NATIONAL ORIGIN, OR HANDICAP AND IS AN EQUAL OPPORTUNITY EMPLOYER.
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