

# CLEMSON

## EXTENSION

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### PIEDMONT COW-CALF OPERATION WITH COW ON FESCUE HAY AND COTTON SEED

ESTIMATED COSTS AND RETURNS PER HEAD, 2008/2009

HERD SIZE (COWS)	30.00	SPRING CALF CROP:	95.0%
NUMBER OF STEERS SOLD:	14.00	CULL COWS:	15.0%
NUMBER OF HEIFERS SOLD:	10.00	ACRES IN FORAGE:	90.00
NUMBER OF CULLS SOLD:	4.00	ACRES IN HAY:	15.00
STEER SELLING WEIGHT (LBS):	600.00	CULL COW WEIGHT (LBS):	1200.00
HEIFER WEIGHT DISCOUNT (LBS):	35.00	DAYS ON HAY & SUPPL.:	90.00
LBS. OF COTTON SEED COW/DAY:	4.00	LBS. OF HAY COW/DAY:	25.00
HEIFERS SOLD PER COW:	33.3%	STEERS SOLD PER COW:	46.7%
EXCESS HAY SOLD ON HERD (TON):	11.25	AVAILABLE FARMLAND:	105 ACRES

	UNIT	QUANT.	PRICE OR COST/UNIT	TOTAL PER COW	TOTAL FOR HERD	YOUR FARM
<b>1. GROSS RECEIPTS</b>						
STEER CALF (46.7%)	LBS	600.00	\$1.05	\$294.00	\$8,820.00	_____
HEIFER CALF (33.3%)	LBS	565.00	\$1.00	\$188.33	\$5,649.90	_____
CULL COWS	LBS	1200.00	\$0.45	\$72.00	\$2,160.00	_____
EXCESS HAY SOLD	TON	0.375	\$75.00	\$28.13	\$843.90	_____
TOTAL RECEIPTS:				<b>\$582.46</b>	<b>\$17,473.80</b>	_____
<b>2. VARIABLE COSTS</b>						
FEED						
FESCUE-CLOVER (PASTURE)	ACRE	3.00	\$74.37	\$223.11	\$6,693.30	_____
FESCUE HAY	TON	1.13	\$33.69	\$38.07	\$1,142.10	_____
EXCESS FESCUE HAY	TON	11.25	\$1.12	\$12.63	\$378.90	_____
HAY (PURCHASED)	TON	0.00	\$100.00	\$0.00	\$0.00	_____
COTTON SEED	CWT	3.60	\$6.00	\$21.60	\$648.00	_____
SALT & MINERALS	HEAD	1.00	\$18.90	\$18.90	\$567.00	_____
VETERINARY & MEDICATION	HEAD	1.00	\$18.00	\$18.00	\$540.00	_____
MISCELLANEOUS	HEAD	1.00	\$0.00	\$0.00	\$0.00	_____
FACILITIES & EQUIPMENT	HEAD	1.00	\$11.15	\$11.15	\$334.50	_____
LABOR PER COW	HRS	0.00	\$8.00	\$0.00	\$0.00	_____
INTEREST ON OP. CAP.	DOL.	\$171.73	9.0%	\$15.46	\$463.80	_____
MARKETING						
SALES COMMISSION	HEAD	28.00	\$10.00	\$9.33	\$280.00	_____
SHRINK ON CALVES	DOL.	\$482.33	3.0%	\$14.47	\$434.10	_____
TOTAL VARIABLE COSTS:				<b>\$382.72</b>	<b>\$11,481.70</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$199.74</b>	<b>\$5,992.10</b>	_____
<b>4. FIXED COSTS</b>						
COW OPERATION	HEAD	1.00	\$183.25	\$183.25	\$5,497.50	_____
FORAGE DEPR & ESTAB COST	ACRE	3.00	\$20.40	\$61.20	\$1,836.00	_____
TOTAL FIXED COSTS:				<b>\$244.45</b>	<b>\$7,333.50</b>	_____
<b>5. OTHER COSTS</b>						
LAND RENT	ACRE	105.00	\$25.00	\$87.50	\$2,625.00	_____
ADDITIONAL LAND	ACRE	0.00	\$15.00	\$0.00	\$0.00	_____
GENERAL OVERHEAD	DOL.	\$382.72	9.0%	\$34.45	\$1,033.50	_____
TOTAL OTHER COSTS:				<b>\$121.95</b>	<b>\$3,658.50</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$749.12</b>	<b>\$22,473.70</b>	_____
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$166.66</b>	<b>-\$4,999.90</b>	_____

	<u>BREAK-EVEN WEIGHT (LBS)</u>		<u>BREAK-EVEN PRICE (\$/LBS)</u>	
	<u>Per Steer</u>	<u>Per Heifer</u>	<u>Per Steer</u>	<u>Per Heifer</u>
VARIABLE COSTS	346	311	\$0.57	\$0.54
TOTAL COSTS	805	770	\$1.27	\$1.21

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

\*\* ALL THE LABOR WILL BE PROVIDED BY THE FARM OPERATOR.

\*\*\* 4 HEIFERS WILL BE REPLACED EACH YEAR.

PIEDMONT COW-CALF OPERATION WITH COW ON FESCUE HAY AND COTTON SEED								
ESTIMATED COW-CALF OPERATION, FACILITIES, EQUIPMENT AND MACHINERY INPUTS FOR:							30	COWS
LIFE (YRS)	FACILITIES & EQUIPMENT	UNIT VALUE	#	NEW INVEST.	REPAIR	DEPR.	INTEREST	INSURANCE
15	CORRAL / WORKING ALLEY	2800.00	1	2800.00	42.00	186.67	126.00	21.00
10	MISC. EQUIPMENT	1500.00	1	1500.00	22.50	150.00	67.50	11.25
15	FENCING	200.00	90	18000.00	270.00	1,200.00	810.00	135.00
TOTAL PER HEAD				743.33	11.15	51.22	33.45	5.58
LIFE (YRS)	COW-CALF OPERATION	UNIT VALUE	#	NEW INVEST.	SALVAGE VALUE	DEPR.	INTEREST	INSURANCE
8	BROOD COWS	700.00	30	21000.00	14700.00	787.50	1606.50	0.00
4	BULLS	1200.00	1	1200.00	840.00	90.00	91.80	0.00
0	REPL. HEIFERS	700.00	4	2800.00	1960.00	0.00	214.20	0.00
TOTAL PER HEAD				833.33		29.25	63.75	0.00

INCOME ABOVE VARIABLE COSTS FOR DIFFERENT STEER WEIGHTS AND PRICES						
CALF SALE WEIGHT	----- STEER SALE PRICE (\$/LBS) -----					
	\$0.89	\$0.97	\$1.05	\$1.13	\$1.21	
550	\$119.98	\$139.90	\$159.81	\$179.73	\$199.65	
575	\$138.13	\$158.95	\$179.77	\$200.59	\$221.42	
600	\$156.28	\$178.01	\$199.74	\$221.47	\$243.20	
625	\$174.44	\$197.08	\$219.71	\$242.34	\$264.98	
650	\$192.59	\$216.13	\$239.67	\$263.21	\$286.75	

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