

CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

SUMMERING LIGHTWEIGHT STEERS ON MILLET PASTURE

ESTIMATED COSTS AND RETURNS PER HEAD (JUNE-OCTOBER)

BEGINNING WEIGHT (LBS):	450.00	NUMBER OF DAYS:	136 DAYS
ENDING WEIGHT (LBS):	749.20	AVG. DAILY GAIN:	2.20 LBS
ENDING WEIGHT W/ SHRINKAGE (LBS):	726.72	DEATH LOSS:	3.00 %

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER HEAD	YOUR FARM
1. GROSS RECEIPTS					
STEER	LBS	749.20	\$1.40	\$1,048.88	
TOTAL RECEIPTS:				\$1,048.88	\$0.00
2. VARIABLE COSTS					
STEER CALF PROCUREMENT	LBS	450.00	\$1.70	\$765.00	
ORDER BUYING	CWT	4.50	\$0.50	\$2.25	
HAULING	MILE	70.00	\$8.00	\$6.02	
TOTAL CALF-PURCHASE COSTS:				\$773.27	\$0.00
FEED					
MILLET PASTURE	ACRE	0.33	\$106.79	\$35.24	
SALT & MINERALS	HEAD	1.00	\$3.00	\$3.00	
CONDITIONING PELLET	HEAD	1.00	\$100.00	\$100.00	
VETERINARY & MEDICATION	HEAD	1.00	\$15.00	\$15.00	
GROWTH PROMOTANT	HEAD	1.00	\$4.00	\$4.00	
FACILITIES & EQUIPMENT	HEAD	1.00	\$3.08	\$3.08	
MACHINERY	HEAD	1.00	\$2.56	\$2.56	
LABOR	HRS	3.00	\$8.00	\$24.00	
INTEREST ON OP. CAP.	DOL.	\$480.08	5.0%	\$24.00	
MARKETING					
SALES COMMISSION	HEAD	1.00	\$10.00	\$10.00	
SHRINK	DOL.	\$1,048.88	3.0%	\$31.47	
TOTAL OPERATING COSTS:				\$252.35	\$0.00
TOTAL VARIABLE COSTS:				\$1,025.62	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$23.26	\$0.00
4. FIXED COSTS					
CATTLE OPERATION	HEAD	1.00	\$22.60	\$22.60	
ANNUAL MILLET	ACRE	0.33	\$11.04	\$3.64	
TOTAL FIXED COSTS:				\$26.24	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	0.33	\$40.00	\$13.20	
GENERAL OVERHEAD	DOL.	\$229.15	7.0%	\$16.04	
TOTAL OTHER COSTS:				\$29.24	\$0.00
6. TOTAL COSTS:				\$1,081.10	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$32.22	\$0.00

	<u>BREAK-EVEN WEIGHT</u>		<u>BREAK-EVEN PRICE (\$/LBS)</u>		
		<u>Per Steer</u>	<u>Per Steer</u>	<u>Per Gain</u>	<u>Per Calf</u>
VARIABLE COSTS	732	LBS	\$1.37	\$0.94	\$1.75
TOTAL COSTS	773	LBS	\$1.44	\$1.14	\$1.63

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

SUMMERING LIGHTWEIGHT STEERS ON MILLET PASTURE						
ESTIMATED FACILITIES, EQUIPMENT AND MACHINERY INPUTS				CATTLE OPERATION: 50		
LIFE (YRS)	FACILITIES & EQUIPMENT	REPAIR COST	COST	DEPR.	INTEREST	INSURANCE
		1.5%				1.5%
15	CORRAL / WORKING ALLEY	70.50	4700.00	313.33	117.50	35.25
15	FENCING	75.00	5000.00	333.33	125.00	37.50
10	SALT, MINERAL FEEDER	3.75	250.00	25.00	6.25	1.88
10	MISC. EQUIPMENT	4.50	300.00	30.00	7.50	2.25
TOTAL PER HEAD		3.08	205.00	14.03	5.13	1.54
MONTH	MACHINE	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
9	TRACTOR 50-60 HP (1)	1.00	3.00	0.40	\$6.40	\$4.77
TOTAL PER HEAD				0.40	\$2.56	\$1.91

INCOME ABOVE VARIABLE COSTS FOR DIFFERENT CALF PURCHASE PRICES AND STEER SALE PRICES						
CALF PRICE (\$/LBS)	----- STEER SALE PRICE (\$/LBS) -----					
	\$1.26	\$1.33	\$1.40	\$1.47	\$1.54	
\$1.53	\$0.53	\$51.40	\$102.27	\$153.14	\$204.01	
\$1.62	-\$40.98	\$9.89	\$60.76	\$111.63	\$162.50	
\$1.70	-\$77.88	-\$27.01	\$23.86	\$74.73	\$125.60	
\$1.79	-\$119.40	-\$68.52	-\$17.65	\$33.22	\$84.09	
\$1.87	-\$156.30	-\$105.42	-\$54.55	-\$3.68	\$47.19	

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