

# CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

## WINTERING LIGHTWEIGHT STEERS ON FESCUE PASTURE, HAY, SOYB. HULLS AND CORN GLUTEN

### ESTIMATED COSTS AND RETURNS PER HEAD (DEC-APRIL)

BEGINNING WEIGHT (LBS):	450.00	NUMBER OF DAYS:	150 DAYS
ENDING WEIGHT (LBS):	750.00	AVG. DAILY GAIN:	2.00 LBS
ENDING WEIGHT W/ SHRINKAGE (LBS):	727.50	DEATH LOSS:	3.00 %

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER HEAD	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
STEER	LBS	750.00	\$1.40	\$1,050.00	_____
TOTAL RECEIPTS:				<b>\$1,050.00</b>	<b>\$0.00</b>
<b>2. VARIABLE COSTS</b>					
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:				<b>\$773.27</b>	<b>\$0.00</b>
FEED					
FESCUE-CLOVER PASTURE	ACRE	0.33	\$35.83	\$11.82	_____
HAY 8 LBS/DAY; 60 DAYS	TON	0.24	\$100.00	\$24.00	_____
SOYBEAN HULLS 6 LBS; 90 DAYS	CWT	5.40	\$9.00	\$48.60	_____
CORN GLUTEN FEED 2.78 LBS; 90 DAYS	CWT	2.50	\$9.50	\$23.75	_____
SALT & MINERALS	HEAD	1.00	\$6.00	\$6.00	_____
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.	\$468.04	5.0%	\$23.40	_____
MARKETING					
SALES COMMISSION	HEAD	1.00	\$10.00	\$10.00	_____
SHRINK	DOL.	\$1,050.00	3.0%	\$31.50	_____
TOTAL OPERATING COSTS:				<b>\$227.71</b>	<b>\$0.00</b>
TOTAL VARIABLE COSTS:				<b>\$1,000.98</b>	<b>\$0.00</b>
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$49.02</b>	<b>\$0.00</b>
<b>4. FIXED COSTS</b>					
CATTLE OPERATION	HEAD	1.00	\$22.60	\$22.60	_____
PASTURE	ACRE	0.33	\$27.32	\$9.02	_____
TOTAL FIXED COSTS:				<b>\$31.62</b>	<b>\$0.00</b>
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	0.33	\$40.00	\$13.20	_____
GENERAL OVERHEAD	DOL.	\$204.48	7.0%	\$14.31	_____
TOTAL OTHER COSTS:				<b>\$27.51</b>	<b>\$0.00</b>
<b>6. TOTAL COSTS:</b>				<b>\$1,060.11</b>	<b>\$0.00</b>
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$10.11</b>	<b>\$0.00</b>

	<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	714	LBS	\$1.33	\$0.85	\$1.81
TOTAL COSTS	757	LBS	\$1.41	\$1.06	\$1.68

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

**WINTERING LIGHTWEIGHT STEERS ON FESCUE PASTURE, HAY, SOYB. HULLS AND CORN GLUTEN**

ESTIMATED FACILITIES, EQUIPMENT AND MACHINERY INPUTS				CATTLE OPERATION: 50		
LIFE (YRS)	FACILITIES & EQUIPMENT	REPAIR	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	\$26.18	\$77.10	\$128.03	\$178.95	\$229.88	
\$1.62	-\$15.33	\$35.59	\$86.52	\$137.44	\$188.37	
\$1.70	-\$52.23	-\$1.31	\$49.62	\$100.54	\$151.47	
\$1.79	-\$93.75	-\$42.82	\$8.10	\$59.03	\$109.95	
\$1.87	-\$130.65	-\$79.72	-\$28.80	\$22.13	\$73.05	

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