

**Estimating 2007 Cost of Production Stocker Steer Budget,
 Winter Stockers on Small Grains Pasture
 AG 1056-3-07**

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FEED					
Hay	roll	45.00	1.2000	54.00	_____
Supplement	lb	0.08	216.0000	17.28	_____
Grazing	AUM	8.00	2.6490	21.19	_____
OTHER					
Brand/Ear Mark	head	1.50	1.0000	1.50	_____
MARKET/GRADE					
Comm., Feed, & Yrdge	\$Sale	0.04	800.0000	32.00	_____
Check-off	head	1.00	1.0000	1.00	_____
SALT AND MINERALS					
12-8 Mineral Salt	cwt	27.90	0.3000	8.37	_____
VETERINARY MEDICINE					
Tilmicosin Antibio	ml	1.15	7.5000	8.63	_____
Pasturella+8way clos	dose	2.82	1.0000	2.82	_____
IBR/PI-3/BVD/BRSVMLV	dose	0.98	1.0000	0.98	_____
Dewormer-Avermectin	ml	0.04	23.0000	1.10	_____
Implants	head	0.76	1.0000	0.76	_____
Florfenicol Antibi	ml	0.51	9.0000	4.59	_____
GRAZING STOCK					
Buy 500# Steer	head	610.00	1.0000	610.00	_____
OPERATOR LABOR					
Special Labor	hour	8.12	2.6000	21.11	_____
OWNER LABOR					
Special Labor	hour	8.12	1.0000	8.12	_____
GASOLINE					
Truck 1/2 ton	gal	2.35	0.7009	1.64	_____
REPAIR & MAINTENANCE					
Truck 1/2 ton	mile	0.07	11.9160	0.94	_____
Cattle Trailer	each	125.00	0.0100	1.25	_____
INTEREST ON OP. CAP.	head	4.55	1.0000	4.55	_____
TOTAL DIRECT EXPENSES				801.84	_____
FIXED EXPENSES					
Truck 1/2 ton	each	4049.04	0.0100	40.49	_____
Cattle Trailer	each	370.89	0.0100	3.71	_____
TOTAL FIXED EXPENSES				44.20	_____
TOTAL SPECIFIED EXPENSES				846.04	_____

For planning purposes only.

ADDENDUM

Assumptions:

1. 8-20-07 buy # 1 large and medium frame stocker steers weighing 500 lb at a price of \$122.00/cwt.
2. Hold cattle in corrals on hay to straighten out, vaccinate, castrate, brand, and turn out on small grains pasture 11-01-07.
 - a. All cattle will be mass medicated upon arrival with 1.5 ml/cwt tilmicosin antibiotic.
 - b. 30% of herd will be medicated with florfenicol antibiotic on secondary medication at a rate of 6 ml/cwt.
 - c. The generic avermectin used costs \$0.048/ml.
3. Stock small grains pasture at a stocking rate of 1 head/acre.
4. Stockers have access to all the fresh water needed.
5. Cattle gain at 2.5 lb/ head/day.
6. Cattle graze small grains 11-1-07 through 2-28-08.
7. Sell 800 lb feeder steers on 3-1-08 at a price of \$100.00/cwt.
8. Assumptions relating to feed or feeding:
 - a. Cattle in the lot:
 - i. 3 lb/head/day of supplement
 - ii. 20 lb/head/day dry hay
 - b. On small grains:
 - i. 500 lb steer \cong 0.6 AUM.
 - ii. 600 lb steer \cong 0.7 AUM
 - iii. 650 lb steer \cong 0.75 AUM, etc.
 - c. 8-20 through 8-31 \rightarrow 11 days @ 20 lb = 0.183 roll hay & 11 days @ 3 lb = 33 lb supplement.
 - d. 9-1 through 9-30 \rightarrow 30 days @ 20 lb = 0.50 roll hay & 30 days @ 3 lb = 90 lb supplement.
 - e. 10-1 through 10-10 \rightarrow 31 days @ 20 lb = 0.517 roll & 31 days @ 3 lb = 93 lb supplement.
 - f. 11-1 through 11-30 \rightarrow 0.578 AUM.
 - g. 12-1 through 12-31 \rightarrow 0.614 AUM
 - h. 1-1 through 1-31 \rightarrow 0.692 AUM.
 - i. 2-1 through 2-28 \rightarrow 0.765 AUM.

For additional information on beef cattle economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199 extension 108.

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