

Replacement Beef Heifers, Projected Budget for 2012

Description of Production: Buy 560 lb. heifer calves, sell bred heifers at 1,000 lbs.
 Pasture-based operation for growing a quality beef replacement cow.

		Your Estimate
ESTIMATED INCOME/COW		
Heifer sales:		
Bred heifer, springer (0.875 head x \$1,500/hd.)	\$1,312.50	\$ _____
Cull heifer (0.05 head x \$1,300/hd.)	65.00	_____
Yearling heifer (0.075 head x \$1,012.50/hd.)	75.94	_____
Less death loss (1% of market animals)	<u>14.53</u>	_____
ESTIMATED TOTAL INCOME/COW	\$ 1,438.91	\$ _____
ESTIMATED OPERATING COSTS/COW		
Purchased heifer calf (560 lbs. @ \$135/cwt.)	\$ 756.00	_____
Summer pasture (8.19 AUMs @ \$9.50/AUM)	77.80	_____
Mixed hay (1,250 lbs. @ \$85/T.)	53.13	_____
Corn (5.89 bu. @ \$6.50/bu.)	38.29	_____
Protein supplement (330 lbs. @ \$225/T.)	37.13	_____
Minerals and salt (104 lbs. @ \$800/T.)	41.60	_____
Labor (5 hrs. @ \$11/hr.)	55.00	_____
Veterinary, drugs, and supplies	30.00	_____
Marketing	43.60	_____
Breeding cost	37.50	_____
Utilities and all machinery costs	101.60	_____
Livestock facility repairs	8.00	_____
Professional fees (legal, accounting, etc.)	2.00	_____
Miscellaneous	4.00	_____
Interest on calf purchase and 1/2 of operating costs @ 6.5%	<u>68.04</u>	_____
Total Operating Costs	\$1,353.69	\$ _____
ESTIMATED OWNERSHIP COSTS/COW		
Depreciation on livestock facilities	\$ 8.45	\$ _____
Interest on livestock facilities	8.12	_____
Insurance and taxes on capital items	<u>13.46</u>	_____
Total ownership costs	\$ 30.03	\$ _____
ESTIMATED TOTAL COSTS/COW	\$1,383.72	\$ _____
Income over Operating Costs	\$85.21	\$ _____
Income over Total Costs	\$55.18	\$ _____
Total cost per head per day (excluding calf price)	\$1.65	\$ _____
Total cost per pound of gain*	1.52	\$ _____
Springer heifer breakeven price, \$/head	\$1,436.75	\$ _____

*Represents cost per pound of springer heifer sold after adjusting for cull income and death loss.
 For more details see website <http://agebb.missouri.edu/mgt/budget/index.htm>

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