

## Replacement Beef Heifers, Projected Budget for 2017

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

		<b>Your Farm</b>
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<b>ESTIMATED INCOME/HEAD</b>		
Heifer sales		
Bred heifer, springer (0.875 head)	\$1,181.25	_____
Cull heifer (0.05 head)	62.50	_____
Yearling heifer (0.075 head)	64.69	_____
Less death loss (0.01 of heifer sales)	13.08	_____
<b>Total Income</b>	<b>\$1,295.35</b>	_____
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<b>ESTIMATED OPERATING COSTS/HEAD</b>		
Purchased heifer calf (560 lbs@ \$126/cwt.)	\$705.60	_____
Summer pasture (8.19 AUMs @\$12.50/AUM)	102.33	_____
Mixed hay (1250 lbs. @ \$70/ton)	43.75	_____
Corn (5.89 bu. @ \$3.56/bu.)	21.00	_____
Protein supplement (330 lbs. @ \$145/ton)	23.93	_____
Mineral and salt (104 lbs. @ \$800/ton)	41.60	_____
Labor (5 hrs. @ \$12 /hr)	60.00	_____
Veterinary, drugs, and supplies	30.00	_____
Marketing costs	39.25	_____
Breeding costs	37.50	_____
Utilities and all machinery costs	104.25	_____
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	\$49.51	_____
<b>Total Operating Costs</b>	<b>\$1,272.71</b>	_____
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<b>ESTIMATED OWNERSHIP COSTS/HEAD</b>		
Depreciation on livestock facilities	\$8.45	_____
Interest on livestock facilities	6.77	_____
Insurance and taxes on capital items	12.49	_____
<b>Total Ownership Costs</b>	<b>27.71</b>	_____
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<b>ESTIMATE TOTAL COSTS/COW</b>	<b>\$1,300.42</b>	
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<b>INCOME OVER OPERATING COSTS</b>	<b>\$22.64</b>	
<b>INCOME OVER TOTAL COSTS</b>	<b>(\$5.07)</b>	
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Total cost per head per day (excluding calf price)	\$1.57	
Total cost per pound of gain*	\$1.44	
Springer heifer break-even price, \$/head	\$1,356.34	
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\*Represents cost per pound of springer heifer sold after adjusting for cull income and death loss.

Prepared by Wesley Tucker and Eldon Cole, MU Regionals Extension Specialists  
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