

Stocker/Backgrounding Budget Version 1.0

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The stocker/backgrounding budget was developed to assist Tennessee cattle producers in estimating the cost of production and net return to land and management. This budget should be considered a template or guide to estimating expenses and revenues, and it should not be considered representative of all circumstances. Users of this budget are encouraged to enter information into the budget that reflects their individual situation and production practices. Using information most closely related to a particular operation will improve the decision making process.

Disclaimer: Significant variability in inputs, prices, and production practices exist across operations and from region to region. The information contained in this spreadsheet relies on estimates and assumptions specific to Tennessee. This budget should not be construed as a reflection of all circumstances across the state as regional variability does exist. To improve the value of this tool, users are encouraged to use inputs, prices, production practices and management that are employed on their specific operation.

Estimated Returns and Expenses for Stocker/Backgrounding Operation in Tennessee

Item	Unit	Quantity	Price	\$/Head	\$/Group Total	Your Farm
Revenue						
Feeder Cattle	lb	_____	\$ _____	\$ _____	\$ _____	_____
Total Revenue				\$ _____	\$ _____	_____
Variable Expenses						
Calf Purchase	lb	_____	\$ _____	\$ _____	\$ _____	_____
Pasture Production	acre	_____	\$ _____	\$ _____	\$ _____	_____
Hay Production	acre	_____	\$ _____	\$ _____	\$ _____	_____
Purchased Hay	ton	_____	\$ _____	\$ _____	\$ _____	_____
Supplemental Feed	lb	_____	\$ _____	\$ _____	\$ _____	_____
Salt and Mineral	lb	_____	\$ _____	\$ _____	\$ _____	_____
Vet & Med	head	_____	\$ _____	\$ _____	\$ _____	_____
Death Loss	%	\$ _____	% _____	\$ _____	\$ _____	_____
Other Expenses	head	_____	\$ _____	\$ _____	\$ _____	_____
Labor	hours	_____	\$ _____	\$ _____	\$ _____	_____
Production Expenses				\$ _____	\$ _____	_____
Interest on Calf Purchase	\$	\$ _____	% _____	\$ _____	\$ _____	_____
Interest on Other Variable Expenses	\$	\$ _____	% _____	\$ _____	\$ _____	_____
Marketing	head	_____	\$ _____	\$ _____	\$ _____	_____
Land Rent	acre	_____	\$ _____	\$ _____	\$ _____	_____
Total Variable Expenses				\$ _____	\$ _____	_____
Returns to Variable Expenses				\$ _____	\$ _____	_____
Fixed Expenses						
Livestock Facilities & Equipment	head	_____	\$ _____	\$ _____	\$ _____	_____
Pasture and Hay Machinery/Equipment	head	_____	\$ _____	\$ _____	\$ _____	_____
Miscellaneous Overhead	head	_____	\$ _____	\$ _____	\$ _____	_____
Total Fixed Expenses				\$ _____	\$ _____	_____
Total Expenses				\$ _____	\$ _____	_____
Net Return to Land and Management				\$ _____	\$ _____	_____

Stocker/Backgrounding Budget Assumptions

Group Data:

- Ownership: 150 days
- Gain: 2 lbs/day

Supplemental Feed:

- 8 lbs/day commercial feed for 150 days (1,200 pounds)

Pasture/Hay:

- Pasture
 - Nitrogen: 60 lbs/ac at \$0.57/lb
 - P₂O₅: 30 lbs/ac at \$0.50/lb
 - K₂O: 30 lbs/ac at \$0.35/lb
 - One application of broadleaf herbicide
 - Stocking rate: 1.5 hd/ac
- Hay
 - Nitrogen: 100 lbs/ac at \$0.57/lb
 - P₂O₅: 30 lbs/ac at \$0.50/lb
 - K₂O: 30 lbs/ac at \$0.35/lb
 - One application of broadleaf herbicide
 - Hay yield: 2.5 tons/ac

Veterinary/Medicine:

- Respiratory vaccine (2), clostridial bacterin (2), deworm (1), fly tags (1), implant (1)

Marketing:

- Commission: 2.5% on total sale
- Hauling: \$3/loaded mile for 30 miles

Buildings/Equipment:

- Buildings: 1,500 ft² hay barn, 800 ft² equipment shed, corral, chute, head gate, fencing
- Equipment: 60 hp tractor, disc mower, hay rake, hay baler, hay wagon, rotary mower, tractor mounted sprayer, truck



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