

4-H Beef Backgrounding Annual Record Book

Compiled by:
Clyde Lane, Jr. & James B. Neel
(pa97038@utkvm1.utk.edu)
Professor, Animal Science--Beef
Agricultural Extension Service
University of Tennessee

Reviewed by:
James W. Oltjen
(jwoltjen@ucdavis.edu)
Cooperative Extension Service
Division of Agricultural and Natural Sciences
University of California

Name _____ Age _____

Address _____ County _____

School _____ Name of Club _____

Grade in School _____ Years in Project _____

Date Record Completed _____

Project Plan for Year

What I want to learn in this project (goals):

What I plan to do in this project:

How costs and profits will be shared with my parents:

Table 1. Feed Record

List the kind and amount of feed, total pounds and price per pound. Be sure to include all homegrown feeds. Include pasture costs. Reasonable pasture costs would be about \$2 per month.

Month	Kind of Feed	Unit of Feed (lb. ton)	Amount of Feed	Total Cost*
January	Corn	\$.045/lb.	600	\$27.00
January	Protein Supplement	\$.10/lb.	45	\$4.50

TOTAL COST: _____

*To calculate total cost, multiply price per unit of feed times amount of feed.

Table 2. Average Daily Gain and Feed Conversion Record

To know how much progress your steer is making, you should weigh him periodically. Once a month or every 28 days is a good schedule. You can then figure your calf's average daily gain and feed conversion to get a better idea of what his final weight will be.

Average Daily Gain and Feed Conversion

Animal Name or Number	Date	No. Days Since Last Weighed	Last Weight	Current Weight	Pounds Gained Since Last Weighted	Average Daily Gain*	Pounds of Feed Eaten Since Last Weighted	Pounds of Feed per Pounds of Gain**	Cost per Pound of Gain***

TOTAL

* Divide pounds gained by days since last weighted. ** Divide pounds of feed eaten by pounds gained.

*** Divide total cost of feed for weigh period (Table 1) by pounds gained.

Table 4. Miscellaneous Expenses*

MONTH	KIND OF EXPENSE	TOTAL COST

* Miscellaneous expenses would include those expenses other than feed costs. Veterinary cost, trucking, labor, equipment and similar costs. (Use additional sheets if needed.)

Table 6. Annual Financial Summary

	No.1	No.2	No.3	No.4
1. Value of cattle(s) at start of project	\$____	\$____	\$____	\$____
2. Feed cost (include pasture)	\$____	\$____	\$____	\$____
3. Other costs (veterinary, trucking, labor and similar costs)	\$____	\$____	\$____	\$____
4. TOTAL COSTS	\$____	\$____	\$____	\$____
<hr/>				
5. Value of cattle(s) at end of project	\$____	\$____	\$____	\$____
6. Increase in value of cattle(s)	\$____	\$____	\$____	\$____
7. Income from prize money	\$____	\$____	\$____	\$____
8. TOTAL RETURN (line 6 plus line 7)	\$____	\$____	\$____	\$____
9. NET RETURN (line 8 minus line 4)	\$____	\$____	\$____	\$____

Signature of Parent

Signature of 4-H Member

If you have more than one cattle and they were fed and managed as a group, you may want to use an average figure.