

A detailed black and white line drawing of a rope lasso. The rope is coiled into a large circle, with a handle and a metal ring at the bottom right. The text 'BEEF HEIFER PROJECT RECORD' is centered within the circle.

BEEF HEIFER PROJECT RECORD

Name _____

Club _____

Tennessee 4-H Beef Heifer Project Annual Record Book

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This publication is designed to serve as a record for 4-H members who are participating in the 4-H Beef Heifer Project. Use this record each year that you choose to participate in the 4-H Beef Heifer Project.

This book can be used to keep records on one to four different heifers. Complete as much of the record as you can.

Objectives of 4-H Beef Projects

- A. To aid the development of young men and women into responsible American citizens by:
 - Teaching responsibility through working with animals that depend on the member to provide proper feed, care, etc.
 - Teaching the value, use and management of money through its investment in animals, feed, etc. and receiving a profit or loss for its use.
 - Teaching sportsmanship and cooperation through participation in shows and working with other members.

- B. To help boys and girls gain an appreciation for:
 - The place of livestock in agriculture and its contribution to everyone.
 - The complex systems of a ruminant animal.
 - The importance of proper growth and development of breeding animals in building productive foundation purebred and commercial herds of their own.

- C. To help boys and girls gain skills in:
 - Selecting the kind of animal that will gain rapidly, make efficient gains, and produce a high quality product.
 - Feeding animals for optimum growth and proper development.
 - Grooming and showing steers, heifers and lambs.
 - Record keeping.

NAME _____ AGE _____

ADDRESS _____ COUNTY _____

SCHOOL _____ NAME OF CLUB _____

GRADE IN SCHOOL _____ YEARS IN PROJECT _____

DATE RECORD COMPLETED _____

What things did you learn this year?

What were the most important things you learned this year?

How many heifers did you have in your project? _____

What was the breed of your heifer(s)? _____

Why did you select this breed?

What were some important things that you considered when you selected or purchased your heifer(s)?

Performance Record

What was the age in days of your heifer(s) when selected or purchased?

(1) _____ (2) _____ (3) _____ (4) _____

What was the weight of your heifer(s) at the time of selection?

(1) _____ (2) _____ (3) _____ (4) _____

What was the weight per day of age (WDA) of your heifer(s) when selected?

(1) _____ (2) _____ (3) _____ (4) _____

What did your heifer(s) weigh at completion of the project?

(1) _____ (2) _____ (3) _____ (4) _____

What was the average daily gain of your heifer(s) from selection to completion of the project?

(1) _____ (2) _____ (3) _____ (4) _____

What was the age in days of your heifer(s) at completion of the project?

(1) _____ (2) _____ (3) _____ (4) _____

What was the weight per day of age (WDA) of your heifer(s) at completion of the project?

(1) _____ (2) _____ (3) _____ (4) _____

Did you sell _____ or keep _____ your heifer(s)?

Reproduction Record

Did you breed your heifer(s) this year? _____

What was the age of your heifer(s) at breeding?

(1) _____ (2) _____ (3) _____ (4) _____

What was the weight of your heifer(s) at breeding?

(1) _____ (2) _____ (3) _____ (4) _____

When did you breed your heifer(s)? (Date when bred.)

(1) _____ (2) _____ (3) _____ (4) _____

When do you expect your heifer(s) to calve?

(1) _____ (2) _____ (3) _____ (4) _____

Did you breed your heifer(s) by natural service or by artificial insemination?

How did you go about selecting the bull that you used to breed your heifer(s)?

Complete the pedigree of one of your heifers.

Complete the pedigree of one of your heifers. Fill in all the information that is available.

Name of heifer _____

Registration number _____

Birth date _____ Adj. A.D.G. _____

205-Day Wt. _____

Weight Ratio _____

Sire's name _____ Dam's name _____

Registration number _____ Registration number _____

Adj. A.D.G. _____ Adj. A.D.G. _____

205-Day Wt. _____ 205-Day Wt. _____

Weight ratio _____ Weight ratio _____

Adj. 365-Day Wt. _____ No. of calves _____

Adj. 365-Day Ratio _____ MPPA _____

365-Day WDA _____

You may need to get help from your 4-H leader, Extension Agent, or parents in completing the pedigree.

Did you exhibit your heifer(s)?

Record the dates, places, placing, and prize money you won.

DATE	PLACE SHOWN	PLACING	PRIZE MONEY

(Use additional sheets if needed.)

Calendar of Management Jobs for Your Beef Heifer Project

Record the activities or management practices that you did with your 4-H Beef Heifer Project. Start each year during October, when you enroll in 4-H. October is also the logical time to start working with and developing your heifer.

October _____

November _____

December _____

January _____

February _____

March _____

April _____

May _____

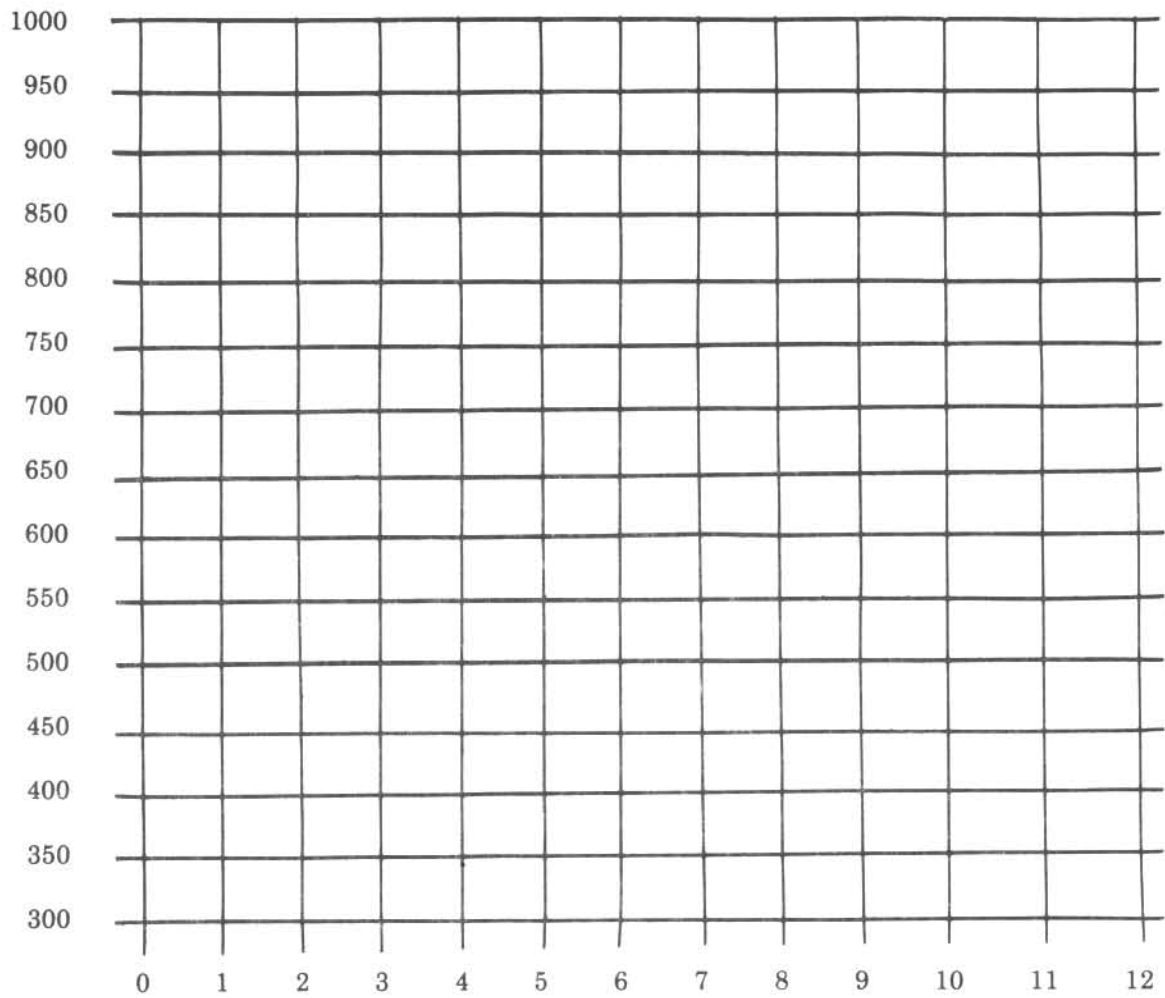
June _____

July _____

August _____

September _____

What demonstrations, talks, visits, field trips or other activities did you take part in connection with your 4-H Beef Heifer Project?



Months You Owned Your Heifer

Record the Age of Your Heifer (Months)

Plot the weight of one of your heifers at various ages. Connect the points. This is the growth curve of your heifer.

Annual Financial Summary

	No. 1	No. 2	No. 3	No. 4
1. Value of heifer(s) at start of project	\$ _____	\$ _____	\$ _____	\$ _____
2. Feed cost (include pasture) ¹	\$ _____	\$ _____	\$ _____	\$ _____
3. Other costs (veterinary, trucking, labor and similar costs) ¹	\$ _____	\$ _____	\$ _____	\$ _____
4. TOTAL COSTS	\$ _____	\$ _____	\$ _____	\$ _____
5. Value of heifer(s) at end of project	\$ _____	\$ _____	\$ _____	\$ _____
6. Increase in value of heifer(s) (Line 5 minus line 1)	\$ _____	\$ _____	\$ _____	\$ _____
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

¹If you have more than one heifer and they were fed and managed as a group, you may want to use an average figure.



The National 4-H Creed

I believe in 4-H Club work for the opportunity it will give me to become a useful citizen.

I believe in the training of my HEAD for the power it will give me to think, to plan and to reason.

I believe in the training of my HEART for the nobleness it will give me to become kind, sympathetic and true.

I believe in the training of my HANDS for the ability it will give me to be helpful, useful and skillful.

I believe in the training of my HEALTH for the strength it will give me to enjoy life, to resist disease and to work efficiently.

I believe in my country, my state, and my community and in my responsibility for their development.

In all these things I believe, and I am willing to dedicate my efforts to their fulfillment.

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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS.

The University of Tennessee Institute of Agriculture, U.S. Department of Agriculture,
and county governments cooperating in furtherance of Acts of May 8 and June 30, 1914.

Agricultural Extension Service Billy G. Hicks, Dean