



# 2024-2025 Breeding Heifer Record Book

## Senior (9<sup>th</sup> – 12<sup>th</sup> grade)



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Name \_\_\_\_\_ Age \_\_\_\_\_ Grade \_\_\_\_\_

School Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Parent/Guardian Name(s) \_\_\_\_\_

Phone # \_\_\_\_\_ Email address \_\_\_\_\_

County 4-H Club or FFA Chapter \_\_\_\_\_

Years in 4-H or FFA \_\_\_\_\_

Date Project Started \_\_\_\_\_ Date Project Completed \_\_\_\_\_

Member Statement: I hereby certify that I have personally kept records on this project and have personally completed the record book.

4-H or FFA Member's Signature \_\_\_\_\_ Date \_\_\_\_\_

Record Approval: The 4-H/FFA member has completed this record to a satisfactory level.

Parent/Guardian Signature \_\_\_\_\_

Extension Leader's Signature (4-H) \_\_\_\_\_

Teacher Signature (FFA) \_\_\_\_\_

### **Instructions for Using this Record Book**

This record is designed to be the place for you to keep records on your animal projects. Read through the book carefully and complete all sections requested (for example, project planning, feed and health care purchases, supplies and tools, results from shows, and a financial summary). Do not leave any sections blank unless they do not relate to your project animal. It is important that you do your own work, but ask your 4-H leader, Extension Agent, Agricultural Education Teacher, parents, or other volunteers for help when you do not understand something.

1. Read through this book and familiarize yourself with the kinds of records you will need and where information should be recorded. Discuss the book with your parent and/or 4-H leader or Agricultural Education Teacher.
2. Complete essential information when you first start your project, such as the cover page and the project planning page. Share your goals with your project leader.
3. Keep your records up to date. Record information as it occurs. Consider setting aside specific times during the project when you will work on your record book. It is suggested that you print a working copy to hand write in and then type in the pdf towards the end of the project.
4. Include at least one photograph of you with your project animal, but do not include more than two pages of photos.
5. Write a project story that captures what happened during your project. Discuss your goals, your activities, your challenges, and your accomplishments. Project stories must be at least five sentences; more experienced 4-H or FFA members' stories should be more in depth.

### **Instructions for Submitting the 2024-2025 Breeding Heifer Record Books**

This record book is for Senior participants in the 9<sup>th</sup>-12<sup>th</sup> grades. (Grade as of September 1, 2024) The record books will be evaluated by a committee of 4-H and FFA Jr. Livestock supporters. The top five Record Books will be recognized at the beginning of the Breeding Heifer Show. Additional awards may be awarded to selected placings once donor funds have been confirmed.

1. All entries must be from bona-fide 4-H or FFA member for the current year. All breeding heifers that a record book has been completed for must be entered in the 2025 State Breeding Heifer Show.
2. Record keeping is from the date of purchase until no later than January 31.
3. All Breeding Heifer Record Books must be submitted online by ag teacher/agent by close of business Monday February 3. The form to submit will be sent to Extension and FFA leaders.
4. The record book is complete. No additional pages are allowed.
5. All signatures must be obtained on the first page of the record book.
6. All work must be done by the submitting 4-H/FFA member. Plagiarism is not allowed. Record Books that appear to be plagiarized or not on grade level will be penalized.

## **Project Planning**

Set at least three goals for yourself in this livestock project this year.

1. What do you want to learn?
  
  
2. What do you hope to accomplish?
  
  
3. What new activities do you want to try?

Please tell us about your project animal(s) (check all that apply).

- I purchased my project animal.
- My project animal was born on my family farm.
- I lease my project animal.
- I house/board my project animals at another location other than my residence.

How did you decide which animal to show?

## Project Inventory: (Records for up to 4 heifers)

Heifer's Name \_\_\_\_\_ Ear Tag/Tattoo # \_\_\_\_\_

Breeders Name and Address \_\_\_\_\_  
\_\_\_\_\_

Breed \_\_\_\_\_ Birth Date \_\_\_\_\_

A. Beginning Date and Weight \_\_\_\_\_ *(when animal entered your care)*

B. Ending Date and Weight \_\_\_\_\_ *(when you completed record book)*

C. Total Weight Gain (B minus A) \_\_\_\_\_ Total Days of Feed \_\_\_\_\_

Heifer's Name \_\_\_\_\_ Ear Tag/Tattoo # \_\_\_\_\_

Breeders Name and Address \_\_\_\_\_  
\_\_\_\_\_

Breed \_\_\_\_\_ Birth Date \_\_\_\_\_

A. Beginning Date and Weight \_\_\_\_\_ *(when animal entered your care)*

B. Ending Date and Weight \_\_\_\_\_ *(when you completed record book)*

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Heifer's Name \_\_\_\_\_ Ear Tag/Tattoo # \_\_\_\_\_

Breeders Name and Address \_\_\_\_\_  
\_\_\_\_\_

Breed \_\_\_\_\_ Birth Date \_\_\_\_\_

A. Beginning Date and Weight \_\_\_\_\_ *(when animal entered your care)*

B. Ending Date and Weight \_\_\_\_\_ *(when you completed record book)*

C. Total Weight Gain (B minus A) \_\_\_\_\_ Total Days of Feed \_\_\_\_\_

Heifer's Name \_\_\_\_\_ Ear Tag/Tattoo # \_\_\_\_\_

Breeders Name and Address \_\_\_\_\_

Breed \_\_\_\_\_ Birth Date \_\_\_\_\_

D. Beginning Date and Weight \_\_\_\_\_ (when animal entered your care)

E. Ending Date and Weight \_\_\_\_\_ (when you completed record book)

F. Total Weight Gain (B minus A) \_\_\_\_\_ Total Days of Feed \_\_\_\_\_

## Animal Care and Management

### Animal Health Record

Animal ID	Product Administered	Date Given	Amount	Route of Admin / Site	Withdrawal Time	Notes
Tag 1234	Lamb-matic Dewormer	1/1/2024	2mL	Oral Drench	7 days	For the treatment of internal parasites


Name of Veterinarian \_\_\_\_\_

Address \_\_\_\_\_

Phone # \_\_\_\_\_




*Note: <b>Total Cost</b> = Pounds Purchased x Cost Per Pound (see below for <i>Total Feed Cost</i> formula)	Sub-Total #1	D.	E.
	Sub-Total #2	D.	E.
	Sub-Total #3	D.	E.
	Sub-Total #4	D.	E.

Total Pounds = \_\_\_\_\_ Total Feed Cost = \_\_\_\_\_



**NOTE:** If multiple animal records are kept, determine calculations per animal number (#1-#4).

**Other Costs:**

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Cost or Value of Animal	F.	F.	F.	F.
Minerals, Vitamins, Salt and Other Feeds not listed in feeds	G.	G.	G.	G.
Veterinary Costs -- vaccines, dewormers, blood Work	H.	H.	H.	H.
Entry fees, trucking, show supplies, and other costs	I.	I.	I.	I.
Total Costs (F+G+H+I)	J. \$	J. \$	J. \$	J. \$
Total Feed and Other Costs (E+ J)	K. \$	K. \$	K. \$	K. \$

**Income:**

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Prize money won with calf	L.	L.	L.	L.
Prize money won in showmanship with calf	M.	M.	M.	M.
Sale Price (if sold). Insert \$150 if calf is kept for breeding project	N.	N.	N.	N.
Total Income (L + M + N)	O. \$	O. \$	O. \$	O. \$
Total Spent (From previous section K)	P. \$	P. \$	P. \$	P. \$
PROFIT OR LOSS (O - P)	Q. \$	Q. \$	Q. \$	Q. \$

**Performance Record:**

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Total Weight Gain (from project inventory)	R.	R.	R.	R.
Total Days on Feed (from project inventory)	S.	S.	S.	S.
Average Daily Gain (R / S)	T.	T.	T.	T.
Feed per pound of gain (D / R)	U.	U.	U.	U.
Cost per pound of gain (E / R)	V.	V.	V.	V.

**Your Time with Your Project:**

Time Spent General Care (hours) (daily feeding, watering, etc.)	W.
Time Spent Working with Animal/Practicing (walking, etc.):	X.
Time Spent Preparing for Show (washing, clipping, etc.):	Y.
Hours Spent Elsewhere (barn/pasture maintenance, etc.):	Z.
Total Number of Hours Spent with Project (W+X+Y+Z):	AA.

1. Why is keeping detailed and accurate health records on your animal important?
2. What other practices besides administering animal products did you do to keep your heifer healthy?
3. What is a Withdrawal Time?
4. If you could change your heifer in any way, what and why would you change it?
5. For one heifer, are you planning on breeding your heifer? If so, what sire are you choosing and why?

## Project Story

This is your chance to tell us all about your project. We suggest writing your story and then typing it into the form. The outline below is just a suggestion and includes questions to get you thinking.

- I. Introduction:
  - a. What type, breed, weight, etc., of heifer you obtained and why you chose a heifer as your project?
  - b. Why did you choose the heifer you did – cost, breed, breeder, past successes, etc.?
  - c. In choosing your heifer, did you conduct any background research? If so, explain.
  
- II. Body:
  - a. Briefly describe what your daily care consisted of – feeding routine, exercise, etc.
  - b. What was your most significant experience? What did you learn about yourself and/or your project? Was there anything that surprised you about this project?
  - c. What has been your favorite part about showing cattle?
  
- III. Summary:
  - a. Will you be showing a heifer next year? Why or why not?
  - b. What are some things that you learned from raising your heifer?
  - c. Is there anything that you would do differently next year?

## Project Story cont'd

## Project Story cont'd

## **Supporting Materials**

We want to see you and your project(s)! Captions are helpful so that we know what's happening.



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Dr. Nick Place, CAES Dean and Director