



2021-2022 Breeding Heifer Record Book



Name:		Jr. (4th-8th grade) OR Sr. (9-12th grade)
School Name:	Age:	Grade:
Address:		
City:	State:	Zip:
Phone:	County	
Name of 4-H Club or FFA Chapter:	Years in 4-H or FFA:	

4-H or FFA Member's Signature:
Parent or Guardian's Signature:
Agent's Signature (4-H): OR
Teacher's Signature (FFA):

SECTION I -- 35 POINTS RECORDS FOR YOUR HEIFER

1. Heifer Information: You must have a beginning weight and a starting date. The ending weight and date for these records must be no later than February 9th.

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Heifer's Name:				
Heifer's State Ear Tag or Tattoo Number:				
Breeder's Name and Address:				
Heifer's Breed				
Heifer's Birth Date				
Total Days on Feed				
Beginning Weight & Date	A.	A.	A.	A.
Ending Weight at State Show & Date	B.	B.	B.	B.
Total Weight Gain (B-A)	C.	C.	C.	C.

SECTION I cont'd**2. Feed Purchased and Cost:**

Date	Verify Heifer # (1,2,3, or 4)	Name of Feed (if applicable). Place Feed was Purchased From. Feed Contents. (Grain, complete feed, corn, oats, protein, hay, etc.)	Pounds Purchased	Cost Per Pound	Total Cost
*Note: Total Cost = Pounds Purchased x Cost Per Pound	Total Heifer #1	D.		E.	
	Total Heifer #2	D.		E.	
	Total Heifer #3	D.		E.	
	Total Heifer #4	D.		E.	

*Grand Total Pounds Purchased = Total LBS Purchased Heifer #1 + Total LBS Purchased Heifer #2 + Total LBS Purchased Heifer #3**Grand Total Feed Cost = Total Cost Heifer #1 + Total Cost Heifer #2 + Total Cost Heifer #3*

Grand Total Pounds Purchased: _____

Grand Total Feed Cost: \$ _____

SECTION I cont'd

NOTE: If multiple animal records are kept, determine calculations per animal number (#1 – #4). Pay special attention to questions that require calculations for individual animals versus total group of animals. (Example –records for one Heifer vs. records for three Heifers).

3. 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 Question 2	G.	G.	G.	G.
Veterinary Costs -- Vaccines, Dewormers, Blood Work, AI/Breeding	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. \$

4. Income:

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Prize Money Won With This Heifer	L.	L.	L.	L.
Prize Money Won in Showmanship with this Heifer	M.	M.	M.	M.
Total Income (L+M)	N. \$	N. \$	N. \$	N. \$

5. Performance Record:

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Total Weight Gain (from question 1)	O.	O.	O.	O.
Total Days on Feed (from question 1)	P.	P.	P.	P.
Average Daily Gain (O / P)	Q.	Q.	Q.	Q.
Feed per pound of gain (D / O)	R.	R.	R.	R.
Cost per pound of gain (E / O)	S.	S.	S.	S.

SECTION II -- 20 Points

6. Your Time with Your Project:

	Heifer #1	Heifer #2	Heifer #3	Heifer #4
Hours Spent General Care (Daily Feeding, Watering, etc.)	T.	T.	T.	T.
Hours Spent Working with Animal/Practicing (Walking, Setting Up, etc.):	U.	U.	U.	U.
Hours Spent Preparing for Show (Washing, Clipping, Combing, etc.):	V.	V.	V.	V.
Hours Spent Elsewhere (Artificially Inseminating, etc.):	X.	X.	X.	X.
Total Number of Hours Spent With Project (T+U+V+X):	Y.	Y.	Y.	Y.

Select one of your heifers and complete this section and section III.

Complete the following if you had a **purebred heifer**:

What are some qualities (either positive or negative) that a judge has told you about your heifer in the show ring, or that you have noticed about her?

How do your heifer's EPDs compare to an average animal of the same age in your breed?

SECTION II cont'd

Complete the following if you had a **commercial heifer**:

What is the breed composition of your heifer and why did you select that?

What breed of bull did you use to breed your heifer (or what breed would you use), and how did (would) you select this bull?

SECTION III -- 20 POINTS

7. Management Practices:

How and how much did you feed your heifer each day? What type of feed did you use and why?

SECTION III continued



**GEORGIA QUALITY ASSURANCE PROGRAM
ANIMAL PROCESSING RECORD**

Number each product administration site above and provide detail below.

Animal code: (1) Dry Cows; (2) Wet Cows; (3) Bulls; (4) Nursing Calves;
(6) Replacement Heifers; (7) Stockers; (8) Feeders; (9) Other

Site Number	Animal Code	Product Name	Route of Administration	Dosage	Date of Administration	Preslaughter Withdrawl (days)

Comments:

Signed: _____

Date: _____

Consulting
Vet Signature: (Not Required) _____

Processor's
Signature: _____

SECTION IV -- 20 POINTS

Write a story about your 2021-2022 Heifer Project, including this year's most significant experience. Juniors' (4-8 grade) stories should be a minimum of 1½ pages and Seniors' (9-12 grade) stories a minimum of 2½ pages. Any of the following outline may be used as a guide. (The outline is just a suggestion)

SAMPLE STORY OUTLINE

I. Introduction

- a. Tell what type, breed, weight, etc., of heifer you got, and why you chose a heifer as your project.
- b. Tell why you chose the heifer you did – cost, breed, breeder, past successes, etc.
- c. In choosing your heifer, did you conduct any research, if so, explain.

II. Body

- a. Were there things you wish you had known prior to this project, if so, what were they?
- b. Day-to-Day Care: briefly describe what your daily care consisted of – where heifer lived, feeding routine, exercise, etc. including some of the Good Production Practices you used in raising your heifer.
- c. What was your most significant experience? What did you learn about yourself and/or your heifer? Was their anything that surprised you about this project?

III. Summary

- a. What would you change or do the same the next time you begin a heifer project? For example: different feed, different breed, age of heifer you would start with, etc.

Supporting Material (two pages only) 5 POINTS

(Pictures-with caption, newspaper articles, etc., that support your Heifer project)

Supporting Material (continued)

Instructions for Completing 2021-2022 Breeding Heifer Record Books

The record books will be evaluated by a committee of 4-H and FFA Jr. Livestock supporters. The top five Junior and Senior Record Books will be recognized at the beginning of the State Heifer Show on Friday, February 18th. Additional awards may be awarded to selected placings once donor funds have been confirmed.

1. Juniors must be in 4th grade as of September 1, 2021 and must not have completed 8th grade. Seniors are grades 9-12.
2. All entries must be from bona-fide 4-H or FFA members for the current year. All breeding heifers that have a record book completed for must be entered in the 2022 State Breeding Heifer Show.
3. Record keeping is from the date of purchase until no later than February 9th.
4. All Breeding Heifer Record Book participants must be registered online by ag teacher/agent by close of business February 4th on the Qualtrics platform: <https://tinyurl.com/22GJNLSRecordBookProgram>
5. **All participants must mail in their completed record books. These books must be received by close of business February 9th to the following address:**
 - 4-H participants** to Heather K. Shultz, Georgia 4-H, Hoke Smith Annex #321, Athens, GA 30602.
 - FFA participants** to Ben Lastly, 316 Poultry Science, University of Georgia, Athens, GA 30602.
6. The record book is complete. No additional pages are allowed. Do not submit record books in notebooks or binders. You may use construction paper for the two Supporting Materials pages, but they must be 8 ½" X 11". Use only one side of the pages for your Support Materials.
7. All signatures must be obtained on the front of the record book. If the record book does not have all required signatures, the record book will automatically be disqualified and will not be evaluated for awards.
8. Records must be hand written by the member.
9. Plagiarism is not allowed. If an entry is suspected of plagiarism, it will be disqualified and ineligible for awards.
10. A County 4-H club or FFA Chapter can enter no more than seven (7) record books in each division of each species.

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Prepared by
Heather K. Shultz, Georgia 4-H Extension Specialist, Livestock Programs
Christa Steinkamp, Curriculum & Technology Director, Georgia Agricultural Education

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