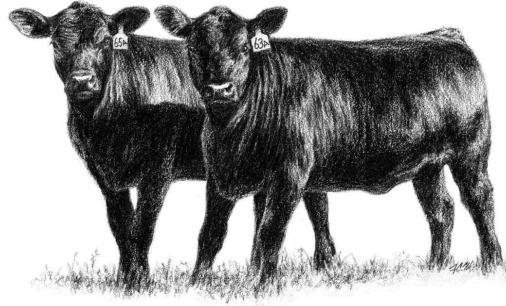


# 2020 Johnston County 4-H Heifer Revised Record Book



Name: \_\_\_\_\_ Birth Date: \_\_\_\_\_

Address: \_\_\_\_\_

Town: \_\_\_\_\_ Zip: \_\_\_\_\_ Grade in School: \_\_\_\_\_

Parents'/ Guardians' Names: \_\_\_\_\_

4H Member: \_\_\_\_\_ Club Name: \_\_\_\_\_

FFA Member: \_\_\_\_\_ School Name: \_\_\_\_\_

Leader's Signature: \_\_\_\_\_

Agent's Signature: \_\_\_\_\_

This record is required for participants in the Johnston County 4-H Heifer Project. This record must be complete and turned in at the completion of the Youth Livestock Show and Sale project.

References:

Johnston County 4-H Heifer Project Guide

Beef Showmanship factsheet

All publications are available at the Johnston County Cooperative Extension Center



Employment and program opportunities are offered to all people regardless of race, color, national origin, sex, age, or disability. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

## Project Record

I purchased or borrowed my heifer from (breeder) \_\_\_\_\_ on (date) \_\_\_\_\_. It weighed \_\_\_\_\_ and its tag/id # is \_\_\_\_\_. I began feeding it on (date) \_\_\_\_\_ and tagging took place (date) \_\_\_\_\_. I weighed it several more times and the weights were (date & weight) \_\_\_\_\_.

Deworming took place (date) \_\_\_\_\_ using (product) \_\_\_\_\_. My animal became sick (yes or no), if yes, with what \_\_\_\_\_ and was treated with (date & product) \_\_\_\_\_. I clipped my heifers' hair on (date) \_\_\_\_\_.

Did you show your heifer at any early shows Yes/No If yes, placing was \_\_\_\_\_  
 Did you participate in the Virtual Livestock Show? Yes/No If yes, results: \_\_\_\_\_

## Heifer Knowledge

1. True or False: Growth is a highly heritable trait? \_\_\_\_\_
2. What do British calves typically weigh at 15 months of age? \_\_\_\_\_
3. True or False: A roached or dipped topline indicates a strong skeleton? \_\_\_\_\_
4. A heifer should be bred to deliver her first calf at what age? \_\_\_\_\_
5. A heifer always needs a supply of \_\_\_\_\_.
6. What stimulates hair growth? \_\_\_\_\_
7. How can you control flies? \_\_\_\_\_
8. Cattle of what age are most susceptible to clostridial diseases? \_\_\_\_\_
9. An animal whose parents are of the same breed is called what? \_\_\_\_\_
10. An inoculation that helps prevent cattle from getting sick is called \_\_\_\_\_

## Feed & Hay Record

Feed Type	% Protein	Pounds	Cost
<i>Home mix, purchased, etc.</i>	<i>18%, 16%, 14%, etc.</i>	<i>200 lbs</i>	<i>\$48.00</i>
		<b>Total Weight</b>	<b>Total Cost</b>

## Heifer Record

Date	Tattoo/Tag Number	Weight	Cost

Misc. Expenses (List) Attach additional sheets if needed  
(Veterinary Costs, Medications, Pen Materials, Fencing Materials, Etc.)

Item	Cost
<b>Total</b>	

## Final Record

1. Date Project Started	
2. Date Project Ended	
3. Final Weight	
4. Starting Weight	
5. Weight Gain (3-4)	
6. Number of days on feed (2-1)	
7. Average Daily Gain (Divide 5 by 6)	
8. Total Pounds of Feed	
9. Feed per lb. of gain (FE) (Divide 8 by 5)	
10. Cost of Heifer (from table above)	
11. Cost of Feed	
12. Cost of misc. (from table above)	
13. Total Costs (10+11+12)	
14. Premiums won.	
15. Other income from heifer (sale, lease, etc.)	
16. Total heifer income.	
17. Profit or loss (16 – 13)	

## Project Evaluation

Animals Shown Check all that apply	Steer	Heifer	Mkt Hog	Mkt Lamb	Mkt Goat	Yrs. In Show

For each question below, place a check mark for your best answer.

	On my own	With my parent's help	My parents did this
I fed my animal			
I trained my animal			
I wrote letters to my buyers			

	Yes	No
I helped with youth livestock fundraisers (Festival Meal and Silent Auction)		
I am in a 4-H club		
If yes, my club had one or more programs on livestock		
If yes, I presented a program about livestock to the club		
If no, I want to be in a 4-H club		
If no, my parents want to be 4-H leaders		
I participate in out-of-county shows (State Fair, Circuit, etc.)		

## Story

Write a story about your project. Include any unusual event, any learning experience and what you would like to achieve with your livestock project. Include what you want to learn next year. Attach additional sheets, if necessary.