

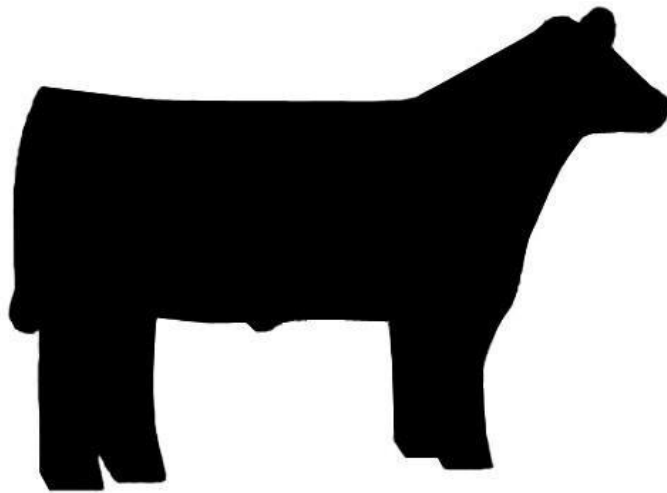


# Jr. Beef

## 4-H Market Record

### Book

Ages 14 to 19



Name: \_\_\_\_\_ 4-H Age: \_\_\_\_\_

Name of 4-H Club: \_\_\_\_\_ Years in 4-H: \_\_\_\_\_

Project Leader: \_\_\_\_\_

Animal's Name: \_\_\_\_\_

Years in Jr. Beef Program: \_\_\_\_\_ Buyers Name: \_\_\_\_\_

Record Started: \_\_\_\_\_ Record Finished: \_\_\_\_\_

Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.

- ❖ **4-H Record Books are required for all market livestock projects. They must include beginning and ending photos.**
- ❖ **Record Books must be completed and turned into the Species Chair at the September Livestock Council meeting.**
- ❖ **Record Books: Completed hardcopy Record Books are due at the September NWMI 4-H Livestock Council meeting. Those not submitted by the November NWMI 4-H Livestock Council will be suspended from 4-H livestock classes and auction at the NWMI Fair the following year.**

### **Why is your record book important? It . . .**

- will aid you in learning about all aspects of raising and selling livestock ○ helps you set goals for your project ○ helps you plan future projects
- shows your financial decisions and outcomes
- overall, will improve your management and organizational skills
- It will be fun to look back at your book years from now... remember, this can be fun when you put all your effort into it!

**Suggestions** (*practices for good record keeping*) ○ Consistently fill in the record book; avoid waiting until the last minute.

- Hang a calendar or note book near your animal's pen to write notes in to help you with your record book. ○ Write neatly and clearly. ○ Take pictures before, during and after your project is done. ○ Complete your Thank You to your buyer soon after the sale. ○ Have FUN and work hard!

### **Resources to help you learn about your project**

- ❖ MSU Extension has educational materials you can check out
- ❖ Dairy Resource Handbook and the Beef Resource Handbook are available from Ohio State University at: <http://estore.osu-extension.org>
- ❖ Clinics and workshops, for example the "Beef, Sheep and Swine" workshop at the 4H Kettunen Center; cattle judging at 4-H Exploration Days, etc.
- ❖ Beef Learning Lab Kit available from the 4-H Steer Species Chair

## **4-H/Farm Bureau Livestock Record Book Awards - Instructions**

To submit a Record Book for this award, be sure to include the following:

1. Table of Contents
2. Completed Record Book as listed above for the respective species
3. 200 word (minimum) story about the 4-Her's experience with his/her 4-H project
4. Pictures (a couple of pages)

*Updated 2026*

5. Any other information that the 4-H'er can share to personalize his/her learning experience.
6. Put all of the information in a nice folder or notebook.
7. Typing the information is not required, but appreciated

## Pre-Project Questions / Goals

1. Why did you choose to do a Jr. Beef project this year?

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2. List at least 2 goals for your Jr. Beef project this year.

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3. If you have shown a Jr. Beef project in the past, what are you doing differently with this year's project?

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4. Describe how you prepared for bring your Jr. Beef home.

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In what month was your Jr. Beef born? \_\_\_\_\_

Ear Tag Number	Date Purchased	Breed and Color	Gender of calf	Sold/kept/Died	Purchase Price
					\$
					\$

**Total spent on your Jr. Beef:** \$ \_\_\_\_\_

Date of Starting Weight	Starting Weight	Date of Finished Weight	Finished Weight	Pounds of Gain	Days on Feed	Average Daily Gain

✓ Average Daily Gain = Total lbs. of gain ÷ days on feed

# Monthly Feed Record

Month:	Milk Replacer (lbs.)	Milk Replacer Cost	Grain (lbs.)	Grain Cost	Hay (by the bale)	Hay Cost
January						
February						
March						
April						
May						
June						
July						
August						
Totals:						

Total lbs. of feed for the year: \_\_\_\_\_

**Total cost of feed for the year:** \_\_\_\_\_

## Expenses Other Than Feed

Item	January	February	March	April	May	June	July	August	Total
Vet Cost									
Bedding Cost									
Fair Fees (stall and classes)									
Medication or Vaccines									
Tack & Show Supplies									
4% to Livestock Council									
Other									

\*Other Expenses could include housing, trucking, etc. (reminder photos comes out of the 4%)

**Total of expenses other than feed:** \_\_\_\_\_

## Income for Project

Auction Date	Weight of Jr. Beef at Fair	Price Per Pound	Total Value (Animal's weight X price per pound)
	#	\$	\$

# Financial Summary

Purchase Price of Jr. Beef

\$ \_\_\_\_\_

+

Total of Feed Cost

\$ \_\_\_\_\_

+

Other Expenses

\$ \_\_\_\_\_

**TOTAL EXPENSE**

\$ \_\_\_\_\_

Comment  
about the  
results:

Income from Sale of  
Jr. Beef

\$ \_\_\_\_\_

Minus (-) Total Expenses

\$ \_\_\_\_\_

**NET PROFIT OR LOSS**

\$ \_\_\_\_\_

**Value of your labor:** Figure out the labor you have “invested” in your Jr. Beef Project. ○ Consider the value of labor is \$5 per hour

○ You spend an average of 1 hour per day on your project

Determine the number of days you have had your Jr. Beef; multiply that by \$5/hr.

The cost of your time: \_\_\_\_\_

Comment on the cost of your time invested in the project.

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# Project Knowledge

## Answer the following:

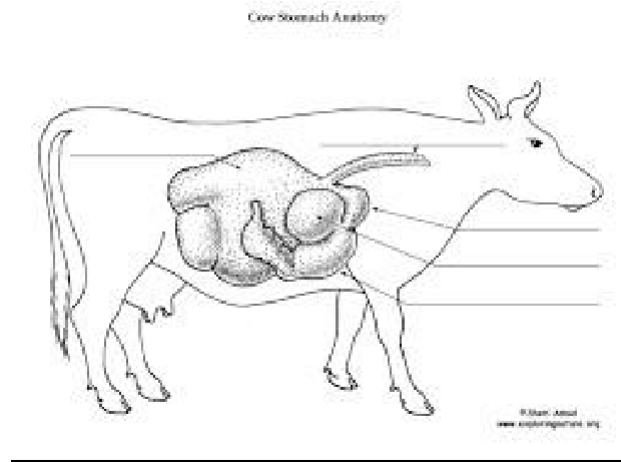
1. What is the normal body temperature for cattle? \_\_\_\_\_  
\_\_\_\_\_

2. What is the current sale price for beef cattle? List date and source used to obtain this information:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Name a breed of beef cattle; write a brief description of the breed and tell where the breed originates from. (*Choose a different breed each year*).  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

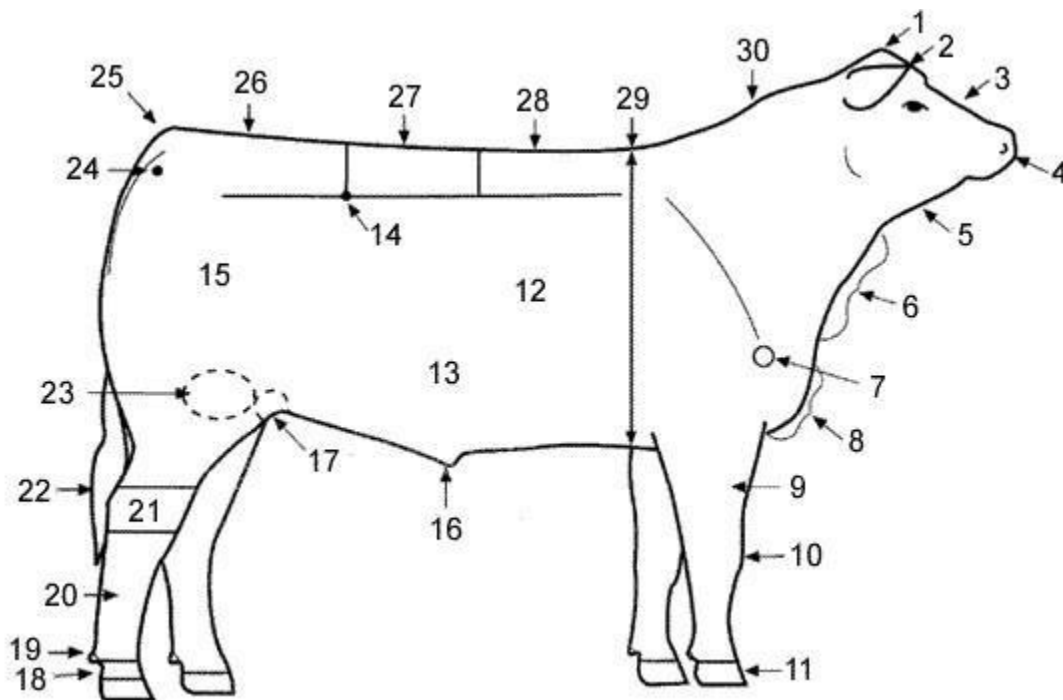
4. Identify 2 or 3 new things you learned for your project this year. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Label the parts of the stomach



## Name the Body Parts

Name all parts



# Post Project Questions

*(Please answer all questions)*

1. Did you meet your project goals listed in this record book if yes how did you meet your goals if no what did you learn?

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2. What was your favorite part of your Jr. Beef project?

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3. How did you finance your Jr. Beef project this year?

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4. How did you feed your animal? Explain the rations fed and how you determined what diet was required.

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5. Give a brief description of your Jr. Beef housing and how you decided how much space it would require?

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6. How did you train and prepare your Jr. Beef for show?

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7. Were there any management problems with your Jr. Beef project and how did you deal with them?

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8. List any benefits or things you have learned from your show ring experiences past or present:

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9. What information do your records tell that can use to improve future market projects?

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10. List any other club or school activities that you are involved in.

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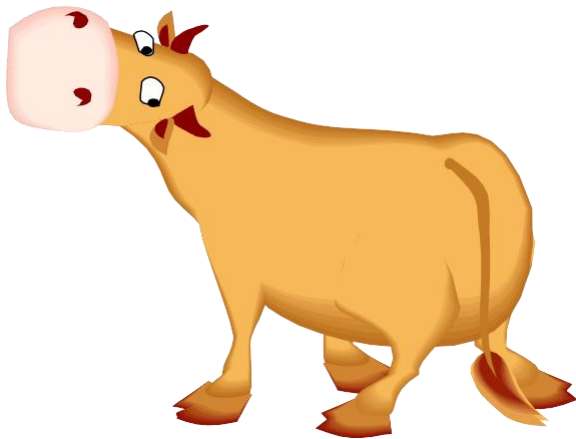
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## Project Pictures

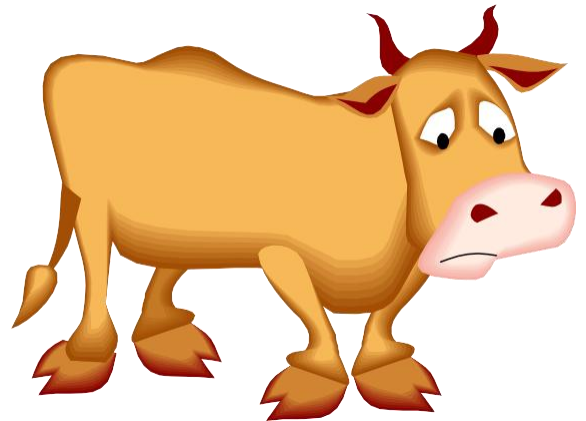
*Pictures are a required part of this Record Book.* Taking pictures of your Jr. Beef throughout the project will show you how your Jr. Beef has grown and developed. Remember, pictures are better when you are in the picture. Add additional pictures on separate piece of paper.

**FIRST PHOTO**



**(MAY)**

**ENDING PHOTO**



**(AUGUST)**

# Education

What Two education did you attend?

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Did you attend any other education events and what were they?

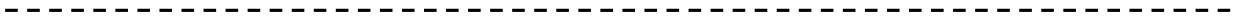
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What education topics would you like to see in the future?

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