** Jr. Beef**

**4-H Market**

**Record Book**

**Ages 8 to 19**



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Age: \_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Street Town Zip Code

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:

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* **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 in to the Species Chair at the September Livestock Council meeting.**

**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)

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?

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

1. If you have done a Jr. Beef project in the past, what are you doing differently with this year’s project?

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

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**  **(lbs.)** | **Hay**  **Cost** |
| **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** | **February** | **March** | **April** | **May** | **June** | **July** | **August** | **Total** |
| **Vet Cost** |  |  |  |  |  |  |  |  |
| **Bedding**  **Cost** |  |  |  |  |  |  |  |  |
| **Fair Fees**  **(stall and classes)** |  |  |  |  |  |  |  |  |
| **Cost of**  **Fair Pictures** |  |  |  |  |  |  |  |  |
| **Medication or Vaccines** |  |  |  |  |  |  |  |  |
| **Tack & Show**  **Supplies** |  |  |  |  |  |  |  |  |
| **Beef promotion**  **(See Guide book for cost)** |  |  |  |  |  |  |  |  |
| **5% to Livestock Council** |  |  |  |  |  |  |  |  |
| **Other** |  |  |  |  |  |  |  |  |

\*Other Expenses could include housing, trucking, etc.

**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 $**

Income from Sale of

Jr. Beef $\_\_\_\_\_\_\_\_\_\_\_\_\_

Minus (-) Total Expenses $\_\_\_\_\_\_\_\_\_\_\_\_\_

**NET PROFIT OR LOSS $**

Comment about the results**:**

**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:

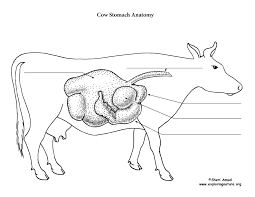
Comment on the cost of your time invested in the project.

**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. What is the sale price of corn? List date and source used to obtain this information.
4. 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).*
5. Identify 2 or 3 new things you learned for your project this year.

**Label the parts of the stomach**

****

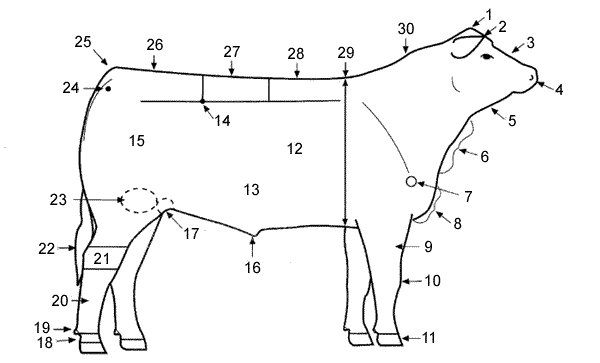
**Name the Body Parts**

8-10 year olds Name 10 parts

11-12 year olds Name 15 Parts

13-14 year olds Name 20 parts

15-19 year olds Name all parts



**Post Project Questions**

*(Please answer all questions)*

1. Did you meet your project goals listed in this record book?

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

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

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

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

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

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

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

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

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

**Awards**

***4-H Showmanship:***

Number of exhibitors in class \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_/\_\_\_\_\_/\_\_\_\_\_

Placing \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Open Showmanship:***

Number of exhibitors in class \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_/\_\_\_\_\_/\_\_\_\_\_

Placing \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***4-H Market Class:***

Number of Dairy Feeders in class \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_/\_\_\_\_\_\_/\_\_\_\_

Weight class placing \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Overall auction placing \_\_\_\_\_\_

***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 or in a folder.

**FIRST PHOTO**   **ENDING PHOTO**



**(MAY) (AUGUST)**

**Education**

What general education did you attend? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What specie specific education did you attend?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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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