

OCEANA COUNTY JUNIOR MARKET  
EDUCATIONAL RECORD BOOK  
Young Beef & Feeder Calf Project - 2024  
(for ages 5-7)



If you are a little buddy check here: \_\_\_\_\_

My big buddy is: \_\_\_\_\_

As a member of the Junior Market Animal Project, you are required to submit your records as part of an educational project notebook in order to show your animal at the Oceana County Fair. **This notebook must be shown to the Oceana County 4-H Market Livestock Committee's Weighmaster at the time of weigh-in and then entered by you in the Educational Notebook Division of the Oceana County Fair on Entry day.**

AGE: \_\_\_\_\_

Number of years in project: \_\_\_\_\_

**Remember:** The age you enter depends on how old you are or will be on January 1, 2024.

Use this sheet as the first page of your project record book. Fill it out completely.

**Please print or type neatly.**

NAME \_\_\_\_\_

4-H CLUB \_\_\_\_\_

BREED \_\_\_\_\_ NAME \_\_\_\_\_

ANIMAL DATE OF BIRTH \_\_\_\_\_ DATE RECORD STARTED \_\_\_\_\_

LOCATION OF WHERE ANIMAL IS RAISED \_\_\_\_\_

## JUDGE'S SCORE/COMMENT SHEET

**(PLEASE DO NOT REMOVE, PLACE THIS SHEET IN SHEET PROTECTOR OR GLUE TO COVER). This sheet must be keep free to the judge to write their comments.**

This sheet should help each junior market member understand their ribbon placing.

### A. **Specific educational value or worth**

- All questions were answered completely
- All calculations were correct
- Calculations were incorrect
- Questions were not completely answered
- Questions were not answered (missed questions)

### B. **Notebook contains all project records**

- Notebook contained all project records and were fully completed
- Notebook contained additional project related information (research materials etc.)
- Project records were incomplete
- There was no additional project related information

### C. **Accuracy, neatness and general appearance**

- Notebook was neat in appearance (typed/hand printed)
- Notebook pages were clean and stain free
- Notebook pages were in order and complete
- Notebook pages were out of order and missing pages
- Notebook was difficult to read and messy
- Notebook had wrinkled and stained pages

Other Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## OBJECTIVES

1. Develop desirable work habits, sportsmanship, and ability to cooperate and express ideas through participation in projects, discussions, method demonstrations, judging teams, and exhibits.
2. Experience the pride and responsibility of leasing/owning and caring for beef.
3. Learn how to feed, fit, show, breed and raise beef.
4. Learn proper handling procedures to prevent injuries to members and their beef projects.
5. Appreciate and use scientific information in beef production and marketing.
6. Improve knowledge of grading, marketing and merchandising of beef products.
7. Learn the importance of the beef industry to the local, state, and national economies.
8. Acquire information on the opportunity that beef offers as a career.

This record book is part of your Junior Market Young Beef/Feeder Calf project. By keeping records up-to-date you will be able to see how much progress you make as you set goals and work to accomplish them. Write or type neatly and clearly. Please keep the pages in order. Feel free to add extra pages at the end of your notebook. Pictures are a required part of your notebook. Taking pictures of your project animal throughout the project will indicate how your animal has grown and developed. Add pictures to your notebook on a separate piece of paper.

## SCORING CRITERIA

The following breakdown will be used during the judging process of all market livestock notebooks.

A. Specific educational value or worth	<b>30%</b>
B. Creative way of showing what has been learned	<b>10%</b>
C. Notebook contains all project records	<b>50%</b>
D. Accuracy, neatness and general appearance	<b>10%</b>

The Oceana County Agricultural Society encourages parent assistance with your project and project notebook. If you should have any questions, please contact the MSU Extension Office.

**If a parent or adult helped** you in filling out your notebook please have them sign below that the answers are YOUR answers and that they assisted you in the writing of the answers and understanding of the questions only.

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(Signature of person helping with notebook)

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(Printed name by member)

**ABOUT YOUR CALF**

My Calf's name is: \_\_\_\_\_

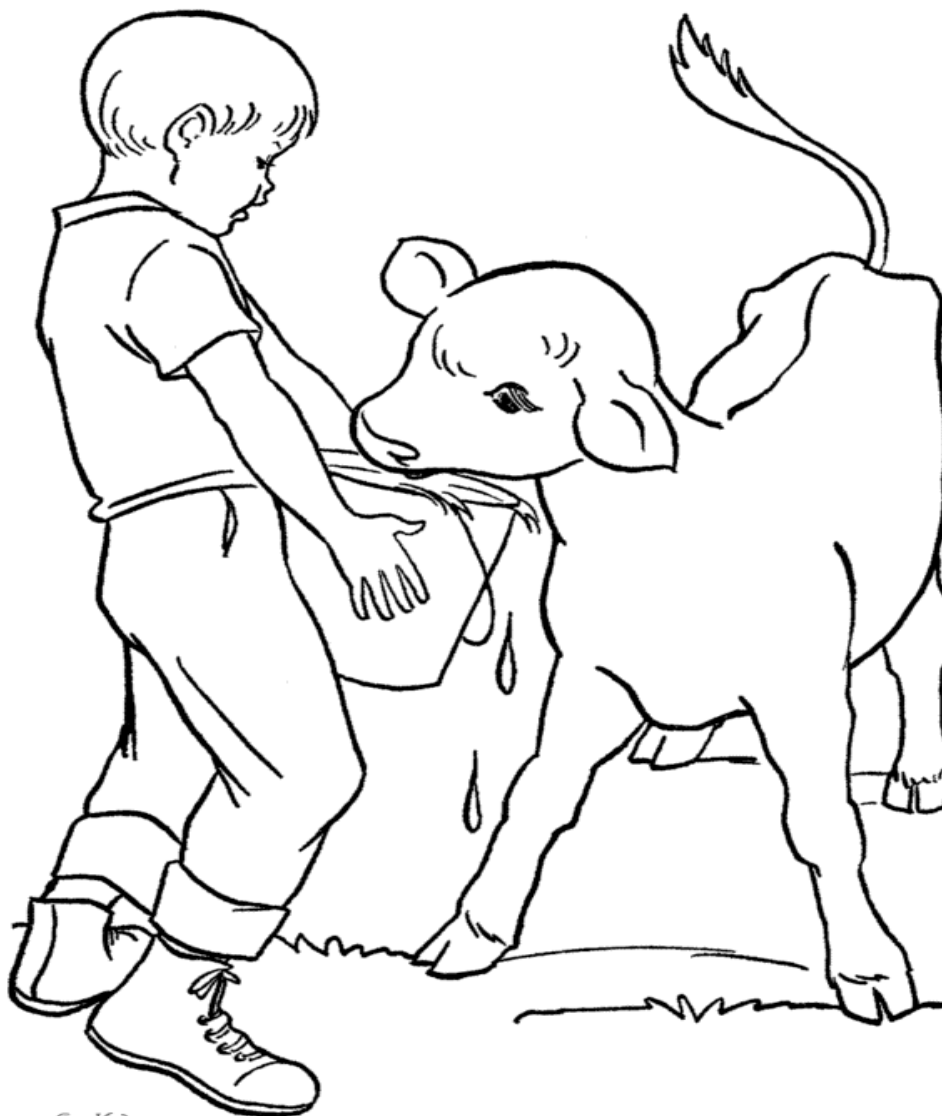
My Calf's breed is: \_\_\_\_\_

What color is your Calf? \_\_\_\_\_

My Calf's favorite things to do is: \_\_\_\_\_

\_\_\_\_\_

**COLOR THE PICTURE- COLOR THE CALF TO LOOK LIKE YOURS**



**ANIMAL CARE AND MANAGEMENT- JOURNAL OF CARE**

Your project requires regular care and management. It is assumed that you helped walk & feed your animal but what additional things have you done?

Include the following:

- ✓ Feeding and watering practices
- ✓ Grooming (clipping, hoof trimming, washing, etc.)
- ✓ Health practices and medicines (vaccinations, etc.)
- ✓ General Management (cleaning living area, feed pans, etc.)

<b>Daily- Things done once or twice a day</b>
<b>Weekly- Things done once or twice a week</b>
<b>Monthly- Things done once a month</b>
<b>Yearly- Things done one time or occasionally throughout the year</b>

**PROJECT INFORMATION**

The start of the project will be the date the exhibitor placed the animal on feed. The end of the project will be weigh-in at fair.

Project Start Date \_\_\_\_\_ Project End Date \_\_\_\_\_

What month was your calf born? \_\_\_\_\_

Please fill in the following information about your calf.

Calf's Name	Calf's RFID Number	Breed	Date of Purchase	Price or Value	Estimated Starting Weight	Ending Weight (may be estimated depending on Covid Restrictions)	Total Pounds Gained













**Note: Ending Weight-Starting Weight= Total Pounds Gained**

**MARKETING**

One of the most important parts of any market animal project is marketing. This may include writing letters and talking to prospective buyers. Color in the face, a smiling face is a good action; a frowning face is a bad action. (see the example)

**Good Marketing Practice**

**Poor Marketing Practice**

	Know what kind of feed you used if asked	
	Send a picture to your potential buyer	
	Only go to grocery stores or the banks	
	Send a reminder to attend the auction	
	Let an adult talk to the buyer instead of you talking to them	
	Only thank those who agree to be listed as a potential buyer	

**(A.) MONTHLY FEED RECORD & EXPENSES**

*(have a parent, grandparent, older 4-H member, leader, etc. help you with this)*

Month	Type of feed used	Lbs. of feed used for the month	Cost of feed used for the month
February			
March			
April			
May			
June			
July			
August			

**(A) Total Cost of Feed**      \$ \_\_\_\_\_

**(B) OTHER PROJECT EXPENSES**

DATE	VET, BEDDING, EQUIPMENT, TRUCKING, CLIPPING, MARKETING/BUYER RECOGNITION, ETC.	COST
		\$
	<b>(B) TOTAL SPENT ON OTHER EXPENSES</b>	\$

**(C) COST OF FEEDER CALF** \$ \_\_\_\_\_

**TOTAL EXPENSES (A+B+C) =** \$ \_\_\_\_\_ **(TE)**

$$\frac{\text{Total Expenses (TE)}}{\text{Final Weight (FW)}} = \text{Break Even Price (BE)}$$

(or total cost per pound to raise your animal)

**+ Final weight may be estimated depending on Covid restrictions in Summer 2021**

**\*\* Have your parent, leader or an older teen in your club help you figure out your breakeven price. The breakeven price is the price that you need to get at the Junior Market animal auction in order to not lose money on your market project. \*\***



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COLOR A RAINBOW CALF

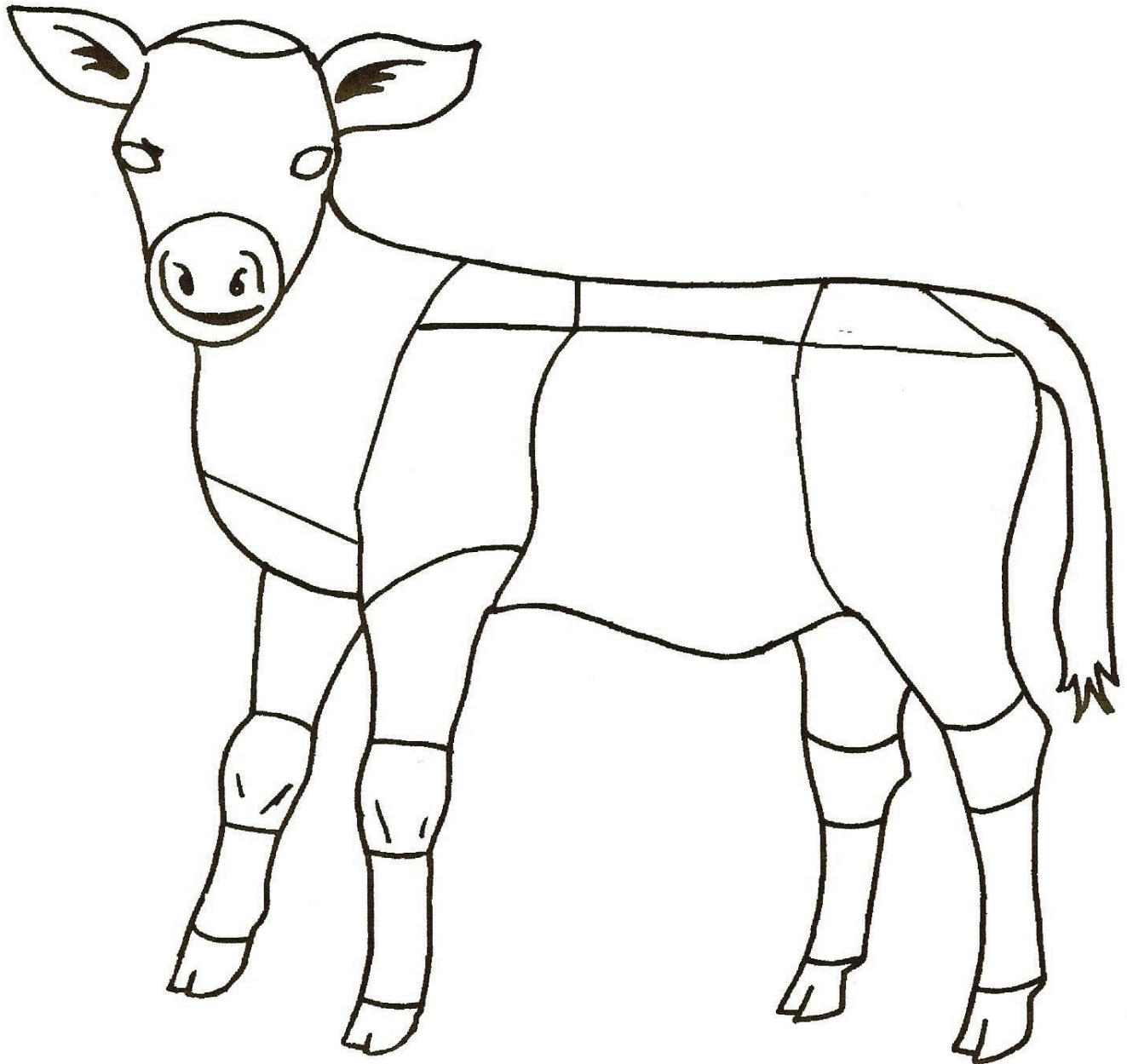
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**COLOR A RAINBOW CALF:IDENTIFYING PARTS OF A CALF**  
**DAIRY CATTLE, LEVEL I**  
**Activity Sheet 1, Coloring a Calf**

Courtesy of Kansas State  
University, Beef Leader Notebook

Color the following parts of the calf the corresponding color.






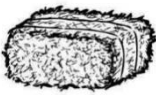




- |                 |                 |                 |                      |                  |
|-----------------|-----------------|-----------------|----------------------|------------------|
| 1. Poll-Pink    | 2. Ear-Purple   | 3. Head-Yellow  | 4. Muzzle-Gold       | 5. Eye-Brown     |
| 6. Neck-Green   | 7. Brisket-Pink | 8. Shoulder-Red | 9. Withers-Green     | 10. Back-Blue    |
| 11. Barrel-Red  | 12. Rump-Blue   | 13. Tail-Orange | 14. Thigh-Yellow     | 15. Hind leg-Red |
| 16. Hock- Brown | 17. Hoof-Blue   | 18. Knee-Pink   | 19. Front leg-Orange |                  |



**WHAT DOES YOUR CALF NEED?**

















(have an adult help you read the following - then **circle those items that your calf** needs below)

All living creatures need certain things to survive, like *food, water* and shelter. *Farmers* take care of their animals to make sure they are healthy and comfortable. If any animals are sick the farmer will treat them with the help of the *veterinarian*. The vet may give them immunizations to prevent them from becoming sick.

				
FARMER	CAKE	VETERINARIAN	COOP	WATER
				
MOLDY HAY	BARN/SHELTER	VACCINATIONS	GRASS	ICE CREAM

**IDENTIFY GOOD AND BAD CHARACTER ACTIONS**

Color in the face, a smiling face = a good action; a frowning face = a bad action.

<b>RAISING and SHOWING an ANIMAL with CHARACTER</b>		<b>RAISING and SHOWING an ANIMAL without CHARACTER</b>
	Make sure your animal always has water	
	Thank the judge	
	Clean the stall daily	
	Get mad at whoever wins, you deserved it more!	
	Congratulate whoever places first	
	Help others if they need it	
	Leave animals outside without shelter	
	Ask your parents to do your record book, they have more time.	

**BREEDS (match the breed to the correct description- draw a line to match them)**

ANGUS	Originated in the northwestern part of France. Very dark red with white marking on the head, belly & rear legs & tail.
CHAROLAIS	This breed has red bodies with white faces. They are the 2 <sup>nd</sup> most numerous breed in the US and are known for their quiet dispositions, foraging ability & hardiness.
SIMMENTAL	Solid black polled this breed is the most numerous in the US. They are known for the carcass quality, milking & mothering abilities.
HEREFORD	This breed is red to dark red with spotted bodies and white to light straw faces. American versions are black or red with a blazed face. They are known for good milk production.
MAINE-ANJOU	These animals are large & white. They are noted for their Fast growth rates & lean meat.



**ANSWER THE FOLLOWING QUESTIONS:**

**(the judge wants the answer in *YOUR* words, even if someone helped with the printing)**

1. What did you have the most fun doing with your project?

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2. What was the hardest part of your project?

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**4-H KNOWLEDGE**



**The 4-H Pledge-** *Draw a line to the picture that fills in the blank* (see the example)

**I pledge...**

My \_\_\_\_\_ to clearer thinking,

My \_\_\_\_\_ to greater loyalty,

My \_\_\_\_\_ to larger service, and






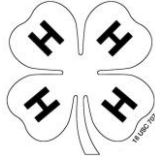


My \_\_\_\_\_ to better living,

for my \_\_\_\_\_,

my \_\_\_\_\_,

my \_\_\_\_\_,

and my \_\_\_\_\_.

	WORLD
	HEALTH
	HANDS
	COUNTRY
	HEAD
	CLUB
	HEART
	COMMUNITY

Number of club meetings held: \_\_\_\_\_ Number you attended: \_\_\_\_\_

**TRUE OR FALSE-** (please circle T for true or F for false)

Your calf must be dehorned when you bring it to the Fair?	T	F
Water is the most important part of a calf's diet?	T	F
You can use laundry soap to wash your calf?	T	F
The first step in preparing for a show is halter breaking?	T	F
You should lead your calf from the left side when showing?	T	F
You can wear tennis shoes when you show your calf?	T	F
You should always be a good sport whether you win or lose?	T	F
A ruminant has 2 stomach compartments?	T	F

**POTENTIAL BUYERS NAMES**

As part of your 4-H Small Market Livestock Project, you must personally contact at least three potential buyers before the Oceana County Fair. You are encouraged to seek two new buyers that have not been asked or submitted before. **You also must have at least three different buyers than those of your siblings in the market livestock project.** Please confirm with your buyers their accurate mailing address (example: post office box vs. a street address). The information on page 14 must be completed and taken to the Oceana County MSU Extension Office on or before the due date where it will be **copied** and used to send out letters to your potential buyers. This page will remain in your notebooks. This is a Market Livestock Committee rule. Failure to comply will result in not being able to sell your animal in the 4-H Market Livestock Sale.

**JUNIOR MARKET/SMALL MARKET POTENTIAL BUYER'S LIST**  
**FEEDER CALF PROJECT (AGES 5-7)**

Name \_\_\_\_\_ Club \_\_\_\_\_

*Please print business names and complete addresses clearly.*

1. Contact Name \_\_\_\_\_

Business Name \_\_\_\_\_

**Mailing** Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_

Mailing Preference (Please Check One): Email \_\_\_\_\_ Postal Delivery \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

2. Contact Name \_\_\_\_\_

Business Name \_\_\_\_\_

**Mailing** Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_

Mailing Preference (Please Check One): Email \_\_\_\_\_ Postal Delivery \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

3. Contact Name \_\_\_\_\_

Business Name \_\_\_\_\_

**Mailing** Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_

Mailing Preference (Please Check One): Email \_\_\_\_\_ Postal Delivery \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

(Must be stamped by the MSU Extension Office)

## **PICTURES OF YOUR PROJECT**

(Please use this page for your project pictures. Add additional pages if you would like. The judges appreciate you labeling the pictures so they know what the picture shows.)



## NON-CLUB POINTS- JUNIOR/SMALL MARKET PROJECT

*(This must be filled out by participant before presenting for signatures at the MSUE office)*

MEETING NAME	LOCATION	DATE	POINTS	SIGNATURE OF LEADER, SUPERINTENDENT OR MSU STAFF

Please note: This form must be included with your record notebook and turned into the weigh master on entry day of the Fair. **BEFORE SEEKING SIGNATURES AT MSU EXTENSION – MEETING NAME AND DATE MUST BE COMPLETED** You need to accumulate **nine (9) points** to be allowed to sell your animal. **Six (6)** of these **nine (9) points** must come from club meetings. The **three (3)** non-club points must be earned from attending various 4-H events and activities. See your leader, the MSUE office, or online at [https://www.canr.msu.edu/oceana/oceana\\_county\\_4\\_h/oceana\\_4\\_h\\_market\\_livestock](https://www.canr.msu.edu/oceana/oceana_county_4_h/oceana_4_h_market_livestock) for a listing of approved nonclub points.

### JUNIOR/SMALL MARKET PROJECT CLUB POINTS

*(This must be filled out by participant before presenting for signatures at the MSUE office)*

MEETING NAME	LOCATION	DATE	POINTS	SIGNATURE OF LEADER, SUPERINTENDENT OR MSU STAFF

Please note: This form must be included with your record notebook and turned into the weigh master on entry day of the Fair. You need to accumulate **nine (9) points** to be allowed to sell your animal. **Six (6)** of these **nine (9) points** must come from club meetings. The **three (3)** non-club points must be earned from attending various 4-H events and activities