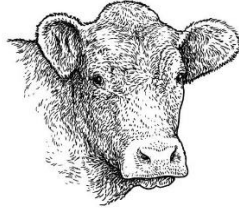


OCEANA COUNTY 4-H MARKET LIVESTOCK  
EDUCATIONAL NOTEBOOK/RECORD

STEER PROJECT - 2024

AGES 12 - 14



As a member of the 4-H Market Livestock Steer Project, you are required to submit your records as part of an educational project notebook in order to sell your animal at the 4-H Market Livestock Sale. **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:** \_\_\_\_\_

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

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

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

**Please print neatly.**

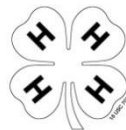
NAME \_\_\_\_\_

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

BREED \_\_\_\_\_

STEER'S NAME \_\_\_\_\_

LOCATION 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 kept free for the judge to write their comments.**

This sheet should help each 4-H'er 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 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 was difficult to read and messy

Notebook had wrinkled and stained pages

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

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

**4-H MARKET LIVESTOCK STEER NOTEBOOK**  
**AGES 12-14**

**TABLE OF CONTENTS**

*Please keep your notebook in Table of Contents order.*

- 1) GENERAL GUIDELINE INFORMATION
- 2) JOURNAL OF CARE
- 3) PROJECT INFORMATION
- 4) SPECIFIC PROJECT KNOWLEDGE
  - a) Breed Scramble
  - b) Marketing
  - c) Marketing True & False
  - d) Steer Parts Identification
  - e) Halter Breaking Your Animal
  - f) Retail Cuts
  - g) Wholesale Cuts
- 5) YOUR PROJECT INFORMATION
  - a) Project Progress & Management Report
  - b) 4-H Knowledge
- 6) BUYERS NAMES
- 7) PICTURES OF YOUR PROJECT (1 page)
- 8) CLUB/NON CLUB POINT SHEET

APPENDIXES (OPTIONAL):

- A. PICTURES OF YOUR PROJECT (additional pictures)
- B. FEED INFORMATION (example: feed labels etc.)
- C. ADDITIONAL INFORMATION ABOUT YOUR PROJECT
  - a. Information you found in reference materials
  - b. Information you located off the internet
  - c. Information gathered from your feed representative
  - d. Any other information

**\* *Include notes as to why you researched this information and found it valuable, link it to your project if possible.***

Note: Reference materials used for the specific project knowledge include:

- a. Extension publication 4-H 1188 – Your 4-H Market Beef Project
- b. 4-H Market Livestock Beef Project Rules
- c. Kansas State 4-H Online
- d. The Ohio State University Learning Lab Online Site

This record book is part of your 4-H Market Steer 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 neatly and clearly. Feel free to add extra pages.

## PROJECT PICTURES

Pictures are a required part of this 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 4-H Market Livestock Committee encourages 4-H Leader and parent assistance with your project and project notebook. If you should have any questions, please contact the MSU Extension Office.

I, \_\_\_\_\_ assisted \_\_\_\_\_ in  
 Parent/Leader/Adult Name 4-Her's Name  
 understanding the questions and writing the answers. All answers are those of the 4-Her.

\_\_\_\_\_  
 Signature of person helping with notebook  
*If* written help was needed

## **JOURNAL OF CARE**

The 4-H Market Livestock Committee is **requiring all** 4-H Market Livestock members to complete the “Journal of Care” so the judge may see the time, effort and care you have put into learning about your animal.

*\*\* Include things such as walked, fed, washed, clipped, trimmed, foot care, health practices, medicines, general maintenance (cleaning living & feed area), halter broke, training, had vaccinated, etc. \*\**

DECEMBER - FEBRUARY

MARCH - MAY

**JOURNAL OF CARE** (continued)

JUNE - AUGUST

I, \_\_\_\_\_, do attest and certify that this 4-Her has cared for  
(property owner name-please print-if parent put parent's name)

animal in a responsible manner while housed on my property. I also understand that integrity & responsibility are important to this 4-H experience.

\_\_\_\_\_  
Signature of Property Owner or Parent  
If housed on own property.

\_\_\_\_\_  
Date







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

Month	Type of feed used- ( <i>grain, silage, hay, pasture, etc.</i> )	Supplements ( <i>if any used</i> )	Amount ( <i>indicate lbs., bales, etc.</i> )	Cost or Value of feed used for the month
June				
July				
August				
Column Totals				

**Total Feed Costs for Project    \$ \_\_\_\_\_**

**EXPENSES OTHER THAN FEED**

The 4-H Market Livestock Committee would like you to keep a running list of all of your expenses -- veterinary charges, bedding, insecticides, trucking, insurance, interest paid on money borrowed, housing etc. *EVEN IF HOUSED ON YOUR FARM THERE IS A COST TO HOUSE THEM FOR ELECTRICITY, BEDDING, ETC. PAID BY SOMEONE, it needs*

	Vet Charges	Bedding	Insecticides	Equipment/Fitting & Showing Supplies	Trucking	Housing/ Rent	Shearing or Clipping	Advertising/ Marketing	Miscellaneous (specify)	Buyers Recognition	MONTHLY TOTAL
DEC											
JAN											
FEB											
MAR											
APR											
MAY											
JUNE											
JULY											
AUG											
TOTALS											

*Included.*

**PROJECT EFFICIENCY INFORMATION**

Value of Animal at Time of Purchase = \_\_\_\_\_

$$\frac{\text{Total lbs. of Gain (from page 4)}}{\text{Days on Feed}} = \text{Average Daily Rate of Gain}$$

$$\frac{\text{Total Feed Cost}}{\text{Total lbs. of Gain}} = \text{Feed Cost per Lbs. of Gain}$$

$$\frac{\text{Total lbs. of feed fed}}{\text{Total lbs. of gain}} = \text{Lbs. of Feed fed per lbs. of Gain}$$

$$\text{Total Feed Expense} + \text{Cost of Animal} + \text{Other Expenses} = \text{Total Project Expense (TE)}$$

Beef animals are sold by the pound at a Large Animal Sale Auction. Find out what bid price (per lb.) you need to get at the Large Market Auction to **break even (BE)** on your market Beef Project.

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

(or total cost per pound to raise your animal)

What is the current selling price of beef (per lb.)? \_\_\_\_\_

Where did you find the current selling price? \_\_\_\_\_  
 (if your source was a person, ask them where they got this information)

Would you have been able to make a profit selling on the open market? \_\_\_\_\_

Why or why not? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**BEEF JUMBLE**

Unscramble the following “wholesale” cuts of beef than come from a market steer. Then unscramble the circled letters to answer the question regarding beef.

O I L N                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_                   

D R O N U                    \_\_\_\_\_                                        \_\_\_\_\_                    \_\_\_\_\_                   

L A T E P                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_                                       

C C K U H                    \_\_\_\_\_                    \_\_\_\_\_                                        \_\_\_\_\_                    \_\_\_\_\_

B R I S                                        \_\_\_\_\_                    \_\_\_\_\_                   

L K A N F                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_                   

H A N K S                    \_\_\_\_\_                    \_\_\_\_\_                                        \_\_\_\_\_                    \_\_\_\_\_

**A Retail Cut of Beef**

\_\_\_\_\_

**NAME 4 OTHER RETAIL CUTS OF BEEF**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

## MARKETING

One of the most important parts of any market animal project is marketing. This includes writing letter, talking to buyers and making sure that you thank previous buyers in a timely fashion.

- What did you do to market your animal this year?
- If you have participated in a market livestock project before, what did you do differently this year?

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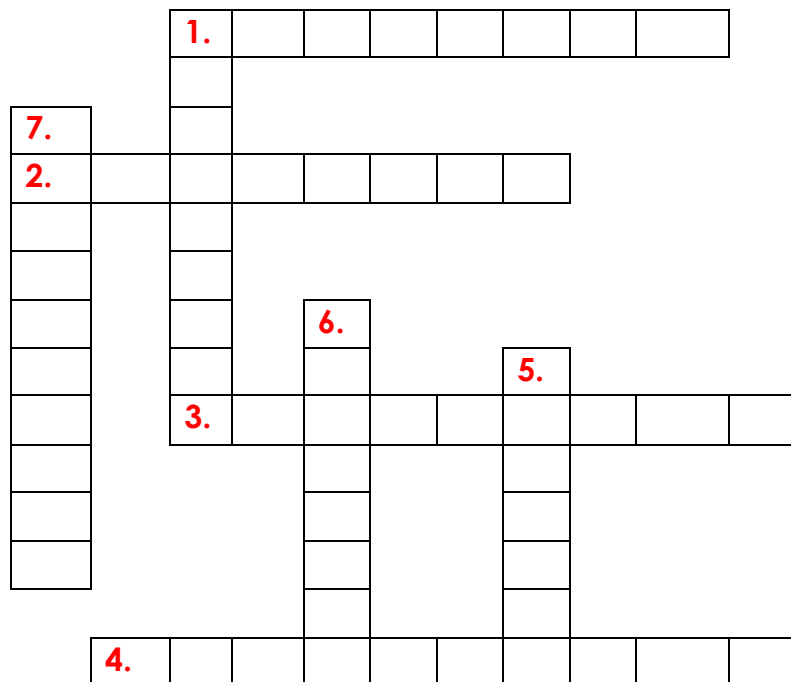


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### PROJECT RULES- True or False (circle the correct answers)

- |   |   |   |
|---|---|---|
| 1. Your steer must be on feed by December 1, 2023?  | T | F |
| 2. You must pay your \$5.00 fee for your backup, if using one,<br>By 3:00 p.m. on December 3, 2023? | T | F |
| 3. Your steer's minimum weight must be 850 pounds for Fair?   | T | F |
| 4. You must have 2 different potential buyers than your siblings?                                   | T | F |
| 5. Your notebook must be presented at weigh in?   | T | F |
| 6. Your list of potential buyers must be into the office by July 1 <sup>st</sup> ?                  | T | F |
| 7. Your stalls must be clean by 10:00 a.m. during the Fair?   | T | F |
| 8. You must attend at least 6 club meetings to complete your 4-H year?                              | T | F |

**BREEDS- Fill in the crossword puzzle with the correct breed**



**ACROSS**

1. Developed as a draft animal, the most important traits are extreme size & strength. They are the largest cattle in the world.
2. White faced, red cattle which are known for their mothering & foraging ability plus very docile disposition.
3. White faced, red or yellow breed noted for good milk production. American versions are black or red with a blazed face.
4. Large framed, red & white in color from France. This is the largest French breed of cattle.

**DOWN:**

1. Large frame, solid white breed from France, known for their fast growth rates.
5. Solid black polled are the most numerous cattle in the US and are known for high quality carcasses.
6. Large muscled, red to gold breed from the French regions of Limousin & Marche.
7. Originally called Durhams this British breed can be red, white or roan in color. They were used for milk production.

**WORD BANK (not all breeds will be used)**

ANGUS	GELBIEH	PIEDMONTESE
BEEFALO	HEREFORD	PINZGAUER
CHAROLAIS	LIMOUSIN	SHORTHORN
CHIANINA	MAINEANJOU	SIMMENTAL

**STEER SHOWMANSHIP WORD SEARCH**

(find & circle each of the following showmanship related words)

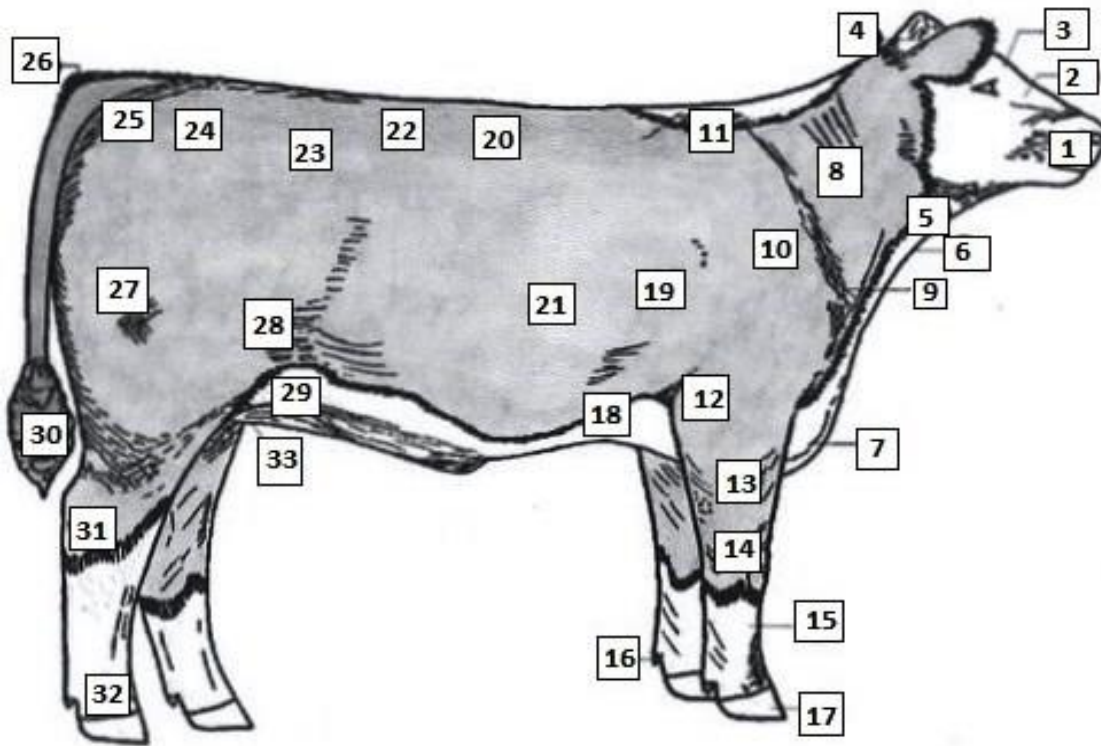
**WORD BANK**

ADHESIVE

BREED

B	A	E	B	R	U	S	H	S	E	H	L	F	W	T
P	L	W	O	M	H	H	L	W	F	Q	M	N	E	O
R	S	T	S	U	V	O	W	X	A	Y	Z	N	I	W
I	K	N	S	H	O	W	S	T	I	C	K	M	G	Y
A	B	C	A	N	E	M	X	T	R	T	I	M	H	E
R	W	O	L	N	T	A	Y	O	U	S	I	N	T	G
E	W	I	C	T	H	N	M	U	H	I	L	L	A	J
T	N	D	D	A	L	S	E	H	U	M	B	P	T	U
L	Y	D	U	M	P	H	T	Y	H	A	R	D	A	D
A	G	R	E	M	T	I	B	O	O	L	E	U	X	G
H	S	C	L	I	P	P	E	R	S	H	E	A	R	E
M	G	O	B	L	U	E	G	O	G	R	D	F	E	N
G	O	W	H	I	T	E	G	O	G	R	E	E	N	P
L	A	E	V	I	S	E	H	D	A	Y	B	A	L	L
C	R	S	L	O	W	M	V	Z	H	M	N	G	A	O
P	A	T	I	E	N	C	E	G	N	I	C	A	L	P
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
P	S	C	O	T	C	H	C	O	M	B	Q	R	S	T

**PARTS OF A STEER**  
**(12-14 answer 25)**



**Write the number next to the correct part listed below**

- |                                     |                                 |                       |
|-------------------------------------|---------------------------------|-----------------------|
| _____ Back or Top                   | _____ Hock                      | _____ Poll            |
| _____ Brisket                       | _____ Hoof                      | _____ Quarter         |
| _____ Cannon                        | _____ Hook or Hip               | _____ Rear Flank      |
| _____ Cod (steer)<br>Scrotum (bull) | _____ Knee                      | _____ Rib             |
| _____ Dew claw                      | _____ Loin                      | _____ Rump            |
| _____ Dewlap                        | _____ Lower forerib, fore flank | _____ Shoulder        |
| _____ Elbow                         | _____ Muzzle                    | _____ Stifle          |
| _____ Face                          | _____ Neck                      | _____ Switch          |
| _____ Forearm                       | _____ Pastern                   | _____ Tailhead        |
| _____ Forehead                      | _____ Pin Bone                  | _____ Throat          |
| _____ Forerib                       | _____ Point of Shoulder         | _____ Top of Shoulder |

### **YOUR PROJECT**

(Please answer to the best of your ability.)



1. What did you learn that you didn't know about your project? \_\_\_\_\_

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2. What are 2 marketable features of your animal that you would share with potential buyers?

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3. What feature(s) of your market steer could use improvement? \_\_\_\_\_

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4. Will you participate in the market steer project again? \_\_\_\_\_

Why or why not? \_\_\_\_\_

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### **4-H INFORMATION**



**The 4-H Pledge**  
(fill in the blanks)

*I pledge...*

**POTENTIAL BUYER'S NAMES**

As part of your 4-H Market Livestock Project, you must personally contact at least three potential buyers before the Oceana County Fair. You are encouraged to try to seek at least 1 new buyer that have not been asked or submitted before. **Three different buyers than those of your siblings are required, 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.

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)

**Contact Name** \_\_\_\_\_  
Business Name \_\_\_\_\_  
**Mailing Address** \_\_\_\_\_ **City** \_\_\_\_\_ **Zip** \_\_\_\_\_  
Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_  
Mailing Preference (Please Check One): Email \_\_\_\_ Postal Delivery \_\_\_\_  
Email \_\_\_\_\_  
Signature \_\_\_\_\_

**Contact Name** \_\_\_\_\_  
Business Name \_\_\_\_\_  
**Mailing Address** \_\_\_\_\_ **City** \_\_\_\_\_ **Zip** \_\_\_\_\_  
Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_  
Mailing Preference (Please Check One): Email \_\_\_\_ Postal Delivery \_\_\_\_  
Email \_\_\_\_\_  
Signature \_\_\_\_\_

**Contact Name** \_\_\_\_\_  
Business Name \_\_\_\_\_  
**Mailing Address** \_\_\_\_\_ **City** \_\_\_\_\_ **Zip** \_\_\_\_\_  
Phone \_\_\_\_\_ After Hours Phone \_\_\_\_\_  
Mailing Preference (Please Check One): Email \_\_\_\_ Postal Delivery \_\_\_\_  
Email \_\_\_\_\_  
Signature \_\_\_\_\_

**YOUR PROJECT PICTURES**

(Please use this page for your project pictures. If you have more than 1 page of pictures

please use the appendix section to include those pictures. The judges like if you caption your photos so they know what they are viewing)

NON-CLUB POINTS

**8 YEARS OLD & UP MUST COMPLETE- MARKET LIVESTOCK ANIMAL ASSOCIATION PROJECT ATTENDANCE RECORD**  
*(This must be filled out before presenting for signatures at the 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 [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.

