

OCEANA COUNTY 4-H MARKET LIVESTOCK  
EDUCATIONAL NOTEBOOK/RECORD

STEER PROJECT - 2020

AGES 10 - 11



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, 2020

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

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

**Please print neatly.**

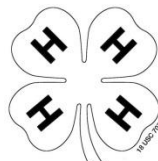
NAME \_\_\_\_\_

DATE OF BIRTH \_\_\_\_\_ GRADE \_\_\_\_\_  
Month Day Year

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

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

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 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 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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**4-H MARKET LIVESTOCK STEER NOTEBOOK**  
**AGES 10-11**

**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) Marketing
  - b) Breed Scramble
  - c) Steer Parts Identification
  - d) Showmanship Word Search
  - e) Project Rules- True or False
  - f) Beef Jumble- Cuts
- 5) YOUR PROJECT INFORMATION
  - a) Project Progress & Management Report
  - b) 4-H Knowledge
  - c) My 4-H Story
- 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.

**If a parent or leader 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  
*If* help was needed

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Signature of 4-H Member

### 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.

\*\* It will be assumed that you walked & fed your animal, but what additional things have you done such as; *washed, clipped, trimmed, foot care, health practices, medicines, general maintenance (cleaning living & feed area), halter broke, training, had vaccinated, etc.* \*\*

DECEMBER:

JANUARY:

FEBRUARY:

MARCH:

APRIL

**JOURNAL OF CARE** (continued)

MAY:

JUNE:

JULY:

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

**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 steer born? \_\_\_\_\_

Please fill in the following information about your steer.

Steer's Name	Steer's RFID Number	Breed	Date of Purchase	Price or Value	Starting Weight	Ending/Final Weight (FW)	Total Pounds Gained

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

**MONTHLY FEED RECORD & EXPENSES**

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
December				
January				
February				

**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
March				
April				
May				
June				
July				
August				

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





**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? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 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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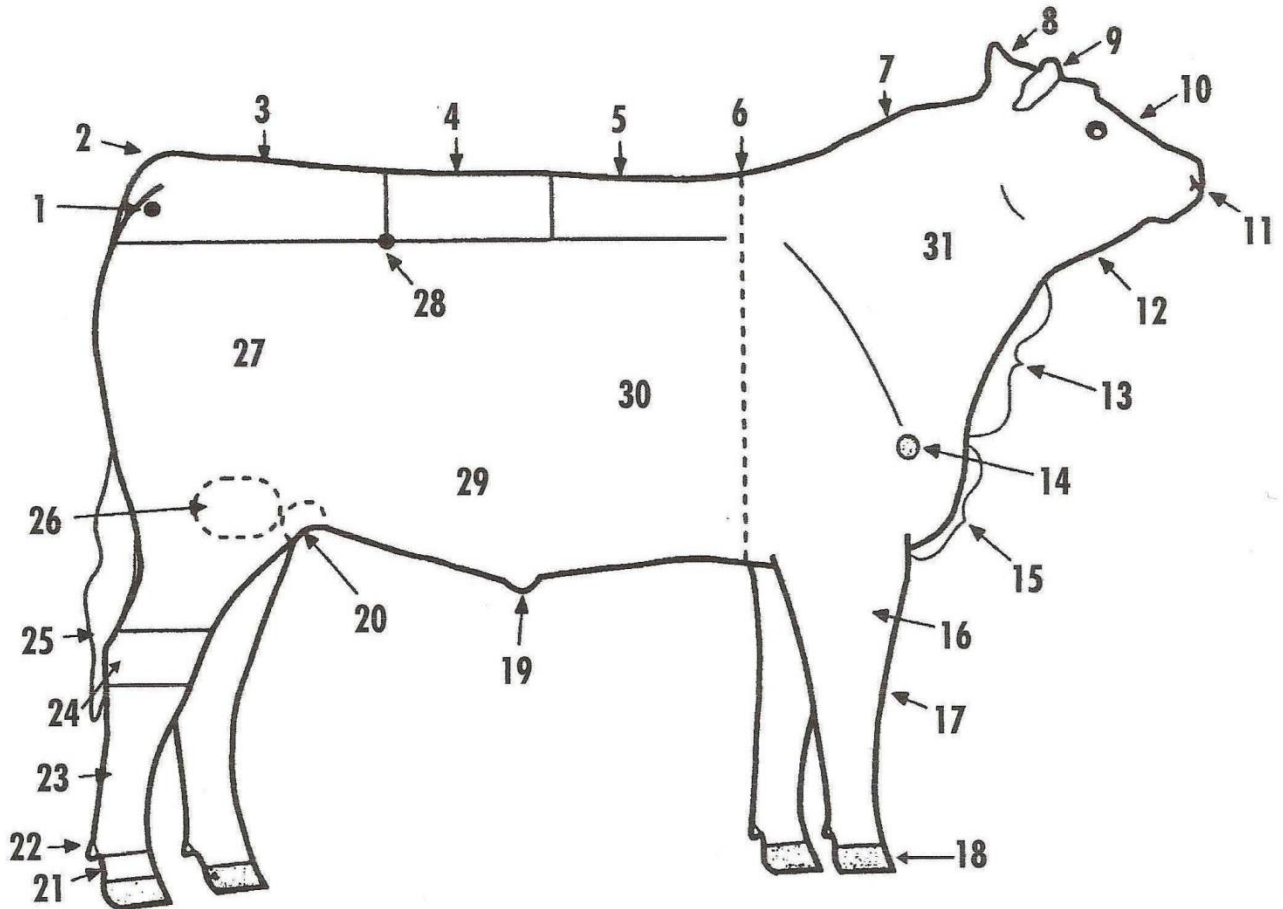
### BREED SCRAMBLE- Unscramble the following popular beef breeds

**MATCH** the breeds by writing the correct letter from the word bank next to the description

<b>S N H R O O R H T</b>	Originally called Durhams, this British breed can be red, white or roan in color. They are noted for their good disposition, mothering and, and milk production.
<b>U O A N J - M I E A N</b>	Large framed, red and white in color from France. This is the largest French breed of cattle.
<b>G U S N A</b>	Solid black polled breed. They are the most numerous cattle in the US and are noted for high quality carcasses.
<b>F O E D R H E R</b>	White faced, known for their mothering & foraging ability plus their docile disposition. The 2 <sup>nd</sup> most numerous breed in the US.
<b>M M E N S I L A T</b>	White faced, red or yellow breed. They are noted for good milk production. American versions are black or red with a blazed face.
<b>L O H C R A I S A</b>	Large frame, solid white breed from France. They are known for their fast growth rates.

### BEEF PARTS

**WRITE** the numbers that corresponds to the correct part of the animal on the lines below



- |                         |               |                    |                    |
|-------------------------|---------------|--------------------|--------------------|
| _____ throat            | _____ crest   | _____ knee         | _____ cannon       |
| _____ neck              | _____ face    | _____ rib          | _____ stifle joint |
| _____ point of shoulder | _____ pin     | _____ sheath/navel | _____ forearm      |
| _____ loin              | _____ muzzle  | _____ rear flank   | _____ switch       |
| _____ hoof              | _____ dewlap  | _____ ear          | _____ tail head    |
| _____ heart girth       | _____ rump    | _____ hook         | _____ hindquarter  |
| _____ pastern           | _____ brisket | _____ dewclaw      | _____ belly        |
| _____ poll              | _____ back    | _____ hock         |                    |

**STEER SHOWMANSHIP WORD SEARCH**

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

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

**WORD BANK**

ADHESIVE  
BREED  
BRUSH  
CLASS  
CLIPPERS  
FAIR  
JUDGE  
HALTER  
PATIENCE  
PLACING  
SCOTCH COMB  
SHOWMANSHIP  
SHOWSTICK  
WEIGHT

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

- |   |   |   |
|---|---|---|
| 1. Your steer must be on feed by December 1, 2019?  | T | F |
| 2. You must pay your \$5.00 fee for your backup, if using one,<br>By 4:00 p.m. on December 1, 2019? | 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 |

**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.

OILN                    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_        

DRONU                \_\_\_\_\_            \_\_\_\_\_    \_\_\_\_\_        

LATEP                \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_                

CCKUH                \_\_\_\_\_    \_\_\_\_\_            \_\_\_\_\_    \_\_\_\_\_

BRIS                         \_\_\_\_\_    \_\_\_\_\_        

LKANF                \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_        

HANKS                \_\_\_\_\_    \_\_\_\_\_            \_\_\_\_\_    \_\_\_\_\_

**A Retail Cut of Beef**

\_\_\_\_\_

**NAME 4 OTHER RETAIL CUTS OF BEEF**

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

**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 is the best feature(s) of your market steer? \_\_\_\_\_

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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...***

My \_\_\_\_\_,

My \_\_\_\_\_,

My \_\_\_\_\_,

and My \_\_\_\_\_,

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

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

**LIST 1 WAY THAT YOU HELPED OR TAUGHT OTHERS THIS YEAR:**

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**4-H ACTIVITIES**

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

**List any club activities in which you have:**

- **participated in**
- **responsibilities which you have assumed**

(for example: Community service events, workshops, judging contest, clinics, offices held, parades representing 4-H, etc., if none, write none)

Activity	Date	Location	Placing, Position or Comments



### **MY 4-H STORY**

(interesting things that happened to me and my animal this year, challenges, highlights of the year or anything else I would like to share about my overall 4-H experience)

### **POTENTIAL BUYER'S NAMES**

As part of your 4-H Market Livestock Project, you must personally contact at least five 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 15 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.

**4-H MARKET LIVESTOCK POTENTIAL BUYER'S LIST**  
**STEER PROJECT (AGES 10-11)**

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

*Please print business names and complete addresses clearly.*

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

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

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

Phone \_\_\_\_\_

Signature \_\_\_\_\_

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

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

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

Phone \_\_\_\_\_

Signature \_\_\_\_\_

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

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

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

Phone \_\_\_\_\_

Signature \_\_\_\_\_

4. Contact Name \_\_\_\_\_

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

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

Phone \_\_\_\_\_

Signature \_\_\_\_\_

5. Contact Name \_\_\_\_\_

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

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

Phone \_\_\_\_\_

Signature \_\_\_\_\_

(Must be stamped by the MSU Extension Office)

**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.