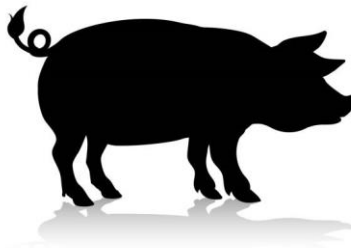


OCEANA COUNTY 4-H MARKET LIVESTOCK
EDUCATIONAL NOTEBOOK/RECORD

HOG PROJECT- 2022

Ages 15 - 19



As a member of the 4-H Market Livestock Hog Project, you are required to submit your records as part of an educational notebook project 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: _____

Remember: The age you enter depends on how old you are or will be on Jan. 1, 2022

Number of years in project: _____

If you are a little buddy who is your big buddy: _____

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

Please print or type neatly.

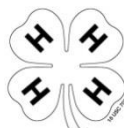
NAME _____

4-H CLUB _____ GRADE _____

BREED _____

SWINE'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 HOG NOTEBOOK
AGES 15-19

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) Parts of the Hog Identification
 - d) Swine Showmanship Word Search
 - e) True or False
 - f) Pork Jumble- Nutritional Knowledge
 - f) 4-H Knowledge
- 5) YOUR PROJECT
- 6) MY 4-H STORY
- 7) BUYERS NAMES
- 8) NON-CLUB/CLUB POINTS SHEETS
- 9) PICTURES OF YOUR PROJECT (1 page)

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 1064 – Your 4-H Market Hog Project
- b. 4-H Skills for Life Series (each leader should have a copy)

This record book is part of your 4-H Market Hog 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 the last page and if you have additional pictures add them on a separate piece of paper at the end.

SCORING CRITERIA

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

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

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.

Signature of person helping with notebook
If help was needed

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.

*** 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. ***

MARCH - MAY

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

PROJECT INFORMATION

The start of the project will be the date the 4-Her placed the animal on feed, not any later than May 10th of the current year. The end of the project will be weigh-in day at the Fair.

Project Start Date _____ Project End Date _____

What month was your pig born? _____ Gender of your pig _____

Please complete the following chart about your project.

4-H Tag Number	USDA Tag Number	Breed	Date of Purchase	Price or Value	Estimated Starting Weight	Ending/ Final Weight (FW)	Total Pounds Gained

Note: Total pounds gained = ending weight – starting weight

MONTHLY FEED RECORD & EXPENSES

Month	Type of feed used- (grain, roughage, etc.)	Supplements (if any used)	Amount (indicate lbs., etc.)	Cost or value of feed used for the month
April				
May				

MONTHLY FEED RECORD & EXPENSES (cont.)

Month	Type of feed used- (grain, roughage, etc.)	Supplements (if any used)	Amount (indicate lbs., etc.)	Cost or value of feed used for the month
June				
July				
August				

Total Feed Costs for Project \$ _____



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 included.

[illegible]

PROJECT EFFICIENCY INFORMATION

Value/Cost of Animal at Time of Purchase = _____

$$\frac{\text{Total lbs. of Gain}}{\text{(from page 3)}} \div \frac{\text{Days on Feed}}{\text{}} = \frac{\text{Average Daily Rate of Gain}}{\text{}}$$

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

$$\frac{\text{Total lbs. of Feed Fed}}{\text{}} \div \frac{\text{Total lbs. of Gain}}{\text{}} = \frac{\text{Lbs. of Feed Fed per lb. of Gain}}{\text{}}$$

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

Swine 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 swine project.

$$\frac{\text{Total Expense (TE)}}{\text{}} \div \frac{\text{Final Weight (FW)}}{\text{}} = \frac{\text{Break Even Price (BE)}}{\text{(or total cost per lb. to raise your animal)}}$$

What is the current selling price of swine (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? _____

PROJECT KNOWLEDGE

MARKETING

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

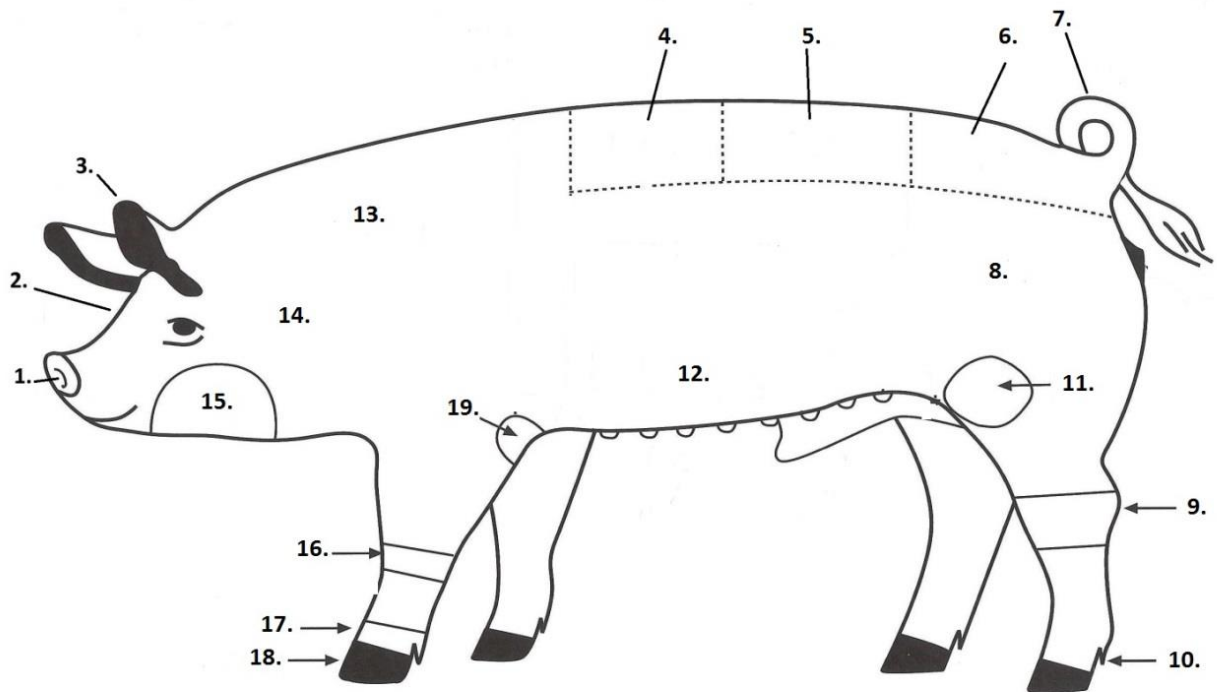
- What did you do to market your animal this year? Did you do anything differently than before, if you participated in the past? If you were a little buddy how did you help market your project animal?

MATCH THE SWINE DISEASES TO THEIR SYMPTOMS

- ___ High fever (104 to 106F), poor appetite & stiffness. Pigs may stand with their feet well under their body, giving their backs an arched appearance.
- ___ Highly contagious, caused by a virus. Can be spread from pig to pig thru drinking water, bedding or on shoes & clothes of people. Fever, loss of appetite, labored breathing, vomiting & trembling.
- ___ Lung inflammation or irritation. Signs are abnormal nasal discharge, persistent cough, labored breathing, gauntness, dull eye & coat.
- ___ Bacterial infection of the turbinate bones of the pig's snout. This disease is not fatal but infected pigs have slower growth rates.
- ___ This disease caused by bacterium which affects the pig's large intestine. Affected pigs have diarrhea with mucus and blood in it.

- A. Atrophic Rhinitis
- B. Erysipelas
- C. Pneumonia
- D. Pseudorabies
- E. Swine Dysentery

PARTS OF THE HOG IDENTIFICATION



This material is based upon work supported by Extension Service, United States Department of Agriculture, under special project number 93-EFSQ-4096
Product distribution through the Ohio Agricultural Curriculum Materials Service

Figure 3.1
Parts of the pig

Write the number next to the correct part listed below

_____ Back

_____ Ham

_____ Neck

_____ Belly

_____ Head

_____ Pastern

_____ Dewclaw

_____ Hock

_____ Rump

_____ Ear

_____ Jawl

_____ Stifle Joint

_____ Elbow

_____ Knee

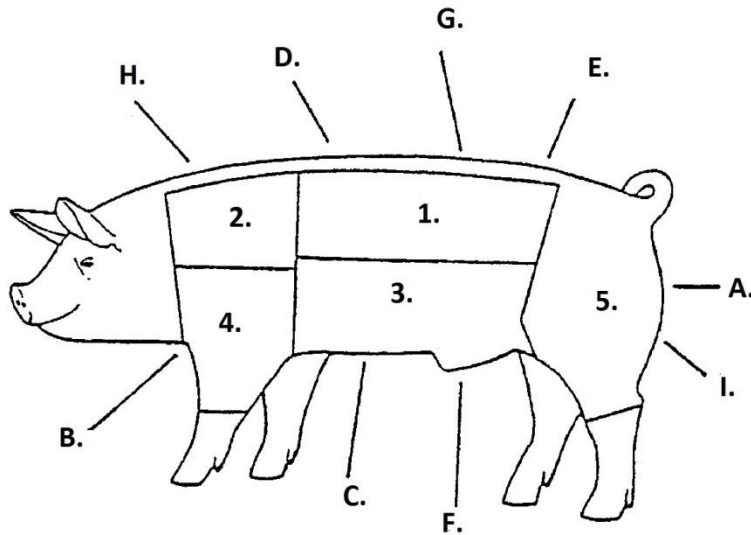
_____ Shoulder

_____ Foot (Toes)

_____ Loin

_____ Snout

_____ Tail



Fill in the names of five (5) numbered Wholesale Cuts of pork in the spaces
Provided below:

1. _____
2. _____
3. _____
4. _____
5. _____

WORD BANK

BOSTON SHOULDER
HAM
LOIN
PICNIC SHOULDER
SIDE OR BELLY

Fill in the letter of retail cuts of pork from the diagram above next to the correct part below.

_____ BACK RIBS

_____ SMOKED HAM

_____ BLADE STEAK

_____ SMOKED PICNIC

_____ CENTER CUT CHOPS

_____ SPARERIBS

_____ FRESH HAM

_____ TENDERLOIN

_____ SLICED BACON

4-H INFORMATION**The 4-H Pledge**

(fill in the blanks)

I pledge...

For my _____, my _____,

my _____, and my _____.

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

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

YOUR PROJECT

(please answer to the best of your ability)

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

2. What did you like the most about your project or what was the most fun?

3. What was the hardest part of your project?

4. Will you participate in a market hog project again? _____

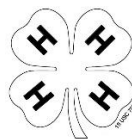
Why or why not? _____

5. What was one supplement you fed your animal(s) and why?

6. Compare your “breakeven price” to your “expected market income”

What can be done to improve the “breakeven price?”

8. What have you done to help other members be successful in this project?



MY 4-H STORY

(Interesting things that happened to me and my animal this year, including challenges, highlights of the year or anything else I would like to share about my overall 4-H experience. Use an additional page if needed)

POTENTIAL BUYERS NAMES

As part of your 4-H Market Livestock Project, you must personally contact at least 3 (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.

4-H MARKET LIVESTOCK POTENTIAL BUYER'S LIST
SWINE PROJECT (AGES 15-19)

Name _____ Club _____
Please print business names and complete addresses clearly.

1. Contact Name _____
Business Name _____
Mailing Address _____ City _____ Zip _____
Phone _____ After Hours Phone _____
Email _____
Signature _____

2. Contact Name _____
Business Name _____
Mailing Address _____ City _____ Zip _____
Phone _____ After Hours Phone _____
Email _____
Signature _____

3. Contact Name _____
Business Name _____
Mailing Address _____ City _____ Zip _____
Phone _____ After Hours Phone _____
Email _____
Signature _____

(Must be stamped by the MSU Extension Office)

If you would like to contact additional buyers you can use this page. If not please throw this page out.

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Email _____

Signature _____

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Email _____

Signature _____

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Email _____

Signature _____

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

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 appreciate you captioning the pictures so they know what they are viewing)