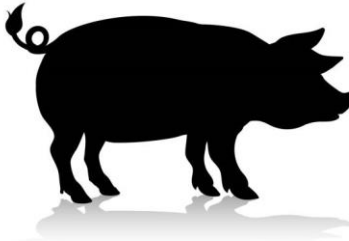


OCEANA COUNTY 4-H MARKET LIVESTOCK
EDUCATIONAL NOTEBOOK/RECORD

HOG PROJECT- 2023

Ages 12 - 14



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, 2023

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.

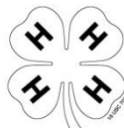
NAME _____

4-H CLUB _____

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 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) Parts of the Hog Identification
 - d) Fitting & Showing Your Hog
 - e) Wholesale Cuts
 - f) By-Products Word Search
- 5) YOUR PROJECT
 - a) My Project
 - b) 4-H Information & Activities
- 6) BUYERS NAMES
- 7) NON-CLUB/CLUB POINTS SHEETS
- 8) 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.

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. ***

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 May 10, 2023 Project End Date _____
 Fair Haul In Day _____

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				
June				
August				
Column Totals				

Total Feed Costs for Project \$ _____

PROJECT EFFICIENCY INFORMATION

Value/Cost of Animal at Time of Purchase = _____

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

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

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

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

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.

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

(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

BREED UNSCRAMBLE

(unscramble the breeds)

C U D R O

An American breed, solid red ranging from dark to light shades. They have droopy ears and grow quickly and efficiently

S K R E I B H R E

Comes from Birkshire, England. The ears are short and erect. It is black with white feet, tail and usually has a splash of white on the face.

P H S I R M A H E

It is easily recognizable with its white belt encircling a black body. They have erect ears and are noted for being heavy muscled.

D R N C E A L A

All white with large, floppy ears and a very long body.

K H E R S Y I O R

This breed is long bodied. The hair or bristles are white, usually the body is white, but sometimes there may be some black pigmentation on the skin.

T O S P

Resembles a Poland China, but has more white on its body. It has droopy ears, gains weight well and is known for being an aggressive breed.

D E E H R R O D

This breed must have a white face and the body must be at least 2/3 red and have at least 2 white feet.

D L A P O N H C N A I

This breeds color is generally black with six white points. The six points are the four legs, tail and nose.

MARKETING

One of the most important parts of any market animal project is marketing. This includes writing a letter, talking to buyers and making sure you thank your 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 in marketing your animal this year?

MARKETING TIPS & TRICKS

Answer True or False to the statements below on good marketing practices to use when attracting potential buyers.

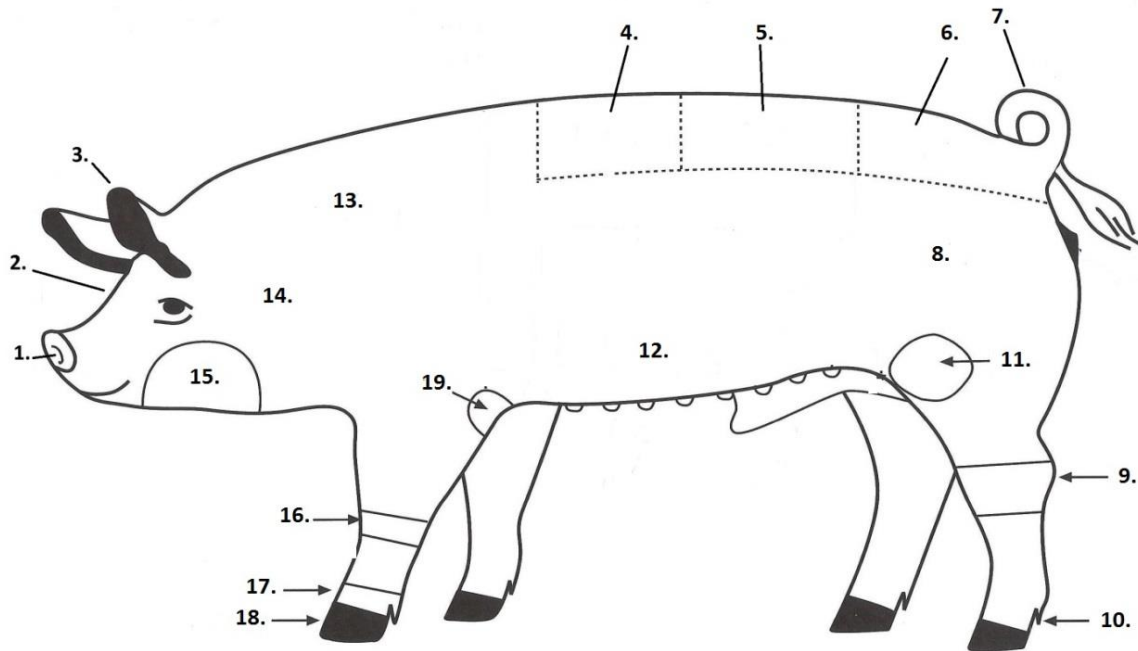
It is best to seek potential buyers the week before the auction.	T	F
You should be polite and mindful of potential buyer's time when asking them to be a potential buyer.	T	F
Providing information on the breed of your animal to potential buyers can be helpful.	T	F
Arriving at the potential buyer's place of business at the busiest time of the day is a perfect time to ask them to be potential buyer.	T	F
Sending an introduction letter or note to potential buyers is a good way to make the first contact with potential buyers.	T	F
Being timely in following up with a thank you to the buyer is not necessary. They will see the ad in the newspaper	T	F
Noticing the buyer's that purchased the previous year and the animals they purchased can help in determining who to contact.	T	F
You should stay in touch with potential buyers throughout the duration of your project.	T	F

MARKETING TIPS & TRICKS (cont.)

It is best to have your parents approach potential buyers on your behalf, they are the adults.	T	F
Thanking a buyer for just coming to the auction is not necessary	T	F
A handwritten thank you note on a scrap piece of paper is an excellent way to thank your buyer.	T	F
Thanking the buyer with a small appreciation gift is a good Idea.	T	F
Visiting buyers who previously purchased your animals is not worth your time each year.	T	F
Presenting yourself in a business manner when approaching a buyer to be a potential buyer is a good idea.	T	F

PARTS OF THE HOG IDENTIFICATION

Ages 12-14 Identify 15 parts



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 | _____ Jaw | _____ Stifle Joint |
| _____ Elbow | _____ Knee | _____ Shoulder |
| _____ Foot (Toes) | _____ Loin | _____ Snout |
| | | _____ Tail |

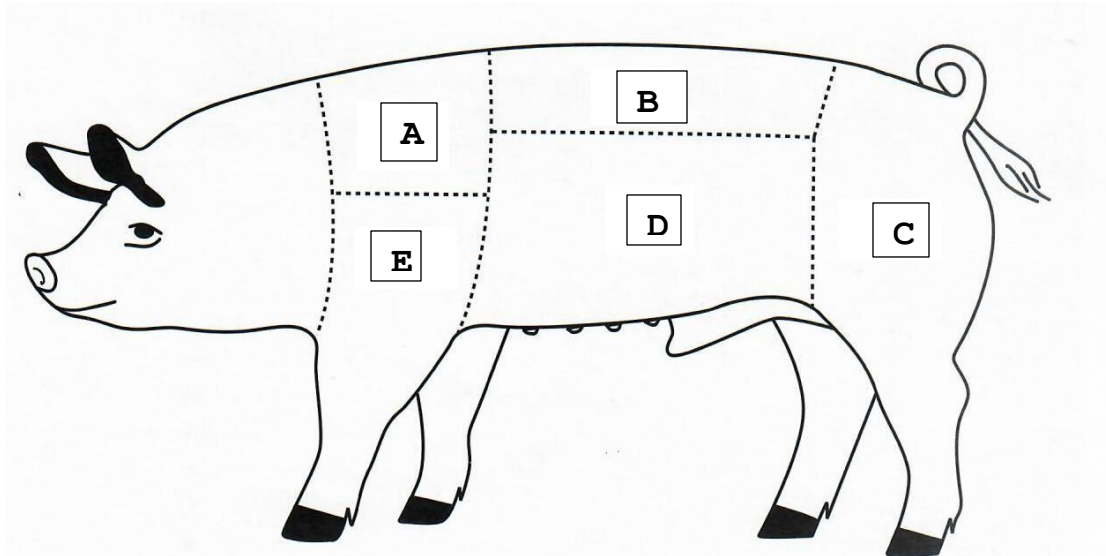
FITTING & SHOWING THE MARKET HOG

Answer True or False for each statement

Exercise helps to condition the muscles, improves feet and leg soundness, and firms the finish.	T	F
Proper fitting and grooming of your pig can be done in 1 day.	T	F
It is important that your hog has access to water freely during fair.	T	F
When driving your pig, try to excite them to get them moving easier for you.	T	F
Work to get your animal tame enough so that you can put your hands on it freely.	T	F
To drive your animal tap it on the back or rump.	T	F
Clipping hair on the body of your pig is acceptable.	T	F
Be sure your animal is well fed just prior to the show.	T	F
Staying within 15 -20 feet of the judge during the show for the best showing.	T	F
Two areas that you can tap your hog is in the jowl and neck area and the shoulder and front leg region.	T	F
It is ok to allow you hog to run around the show ring during the show.	T	F
It is best to brush your hog daily.	T	F
After you have arrived to fair, it is best to water and rest your pig.	T	F
Limiting your feeding of your hog before the show will keep your pig active and alert.	T	F
You can wear dirty and old clothes in the showing, the judge is judging your pig and not you.	T	F

KNOWING YOUR SWINE -PROJECT KNOWLEDGE

WHOLESALE CUTS



UNSCRAMBLE THE WHOLESALE CUT (WRITE THE WORD) AND MATCH IT TO THE CORRECT LETTER ON THE PICTURE

WORD

LETTER

_____ Y L E L B _____

_____ H M A _____

_____ T B T U _____

_____ C N P I I C _____

_____ N L I O _____

SWINE BY-PRODUCTS WORD SEARCH

Find the swine by-products in the word search

Ages 12-14 find 15 words

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

Word Bank

Antifreeze
Crayons
Handbags
Rubber

Buttons
Floorwax
Matches
Soap

Brush
Glass
Pet Food
Shoes

Cement
Gloves
Putty
Weed Killer

Chalk
Glue

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? _____

4-H INFORMATION



The 4-H Pledge

(fill in the blanks)

I pledge...

For my _____, my _____,
my _____, and my _____.

4-H MOTTO:

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

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 17 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 12-14)

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)

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 _____
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 appreciate you captioning the pictures 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 https://www.canr.msu.edu/oceana/oceana_county_4_h/oceana_4_h_market_livestock for a listing of approved nonclub points.

CLUB POINTS

MARKET LIVESTOCK ATTENDANCE RECORD- ALL AGES MUST COMPLETE

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