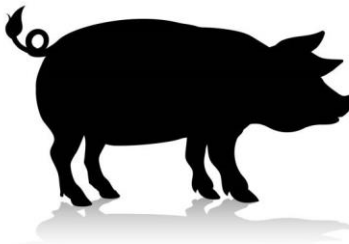


OCEANA COUNTY 4-H MARKET LIVESTOCK  
EDUCATIONAL NOTEBOOK/RECORD

HOG PROJECT- 2023

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, 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.**

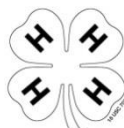
NAME \_\_\_\_\_

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 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) 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) 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.

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, 2022 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 ( <b>FW</b> )	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				
Column Totals				

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





### PROJECT EFFICIENCY INFORMATION

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

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

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

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

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

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.

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

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? \_\_\_\_\_

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## **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 Berkshire, 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.

\_\_\_\_\_  
R H S T E C E T W I E H

Members of this breed are large and pure white and medium sized ears that droop down over their eyes.

\_\_\_\_\_  
N T R P E I A I

Originally bred for their extreme muscle volume and leanness. They are black hair coated with various amounts of white spots.

## 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?

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## MARKETING TIPS & TRICKS

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

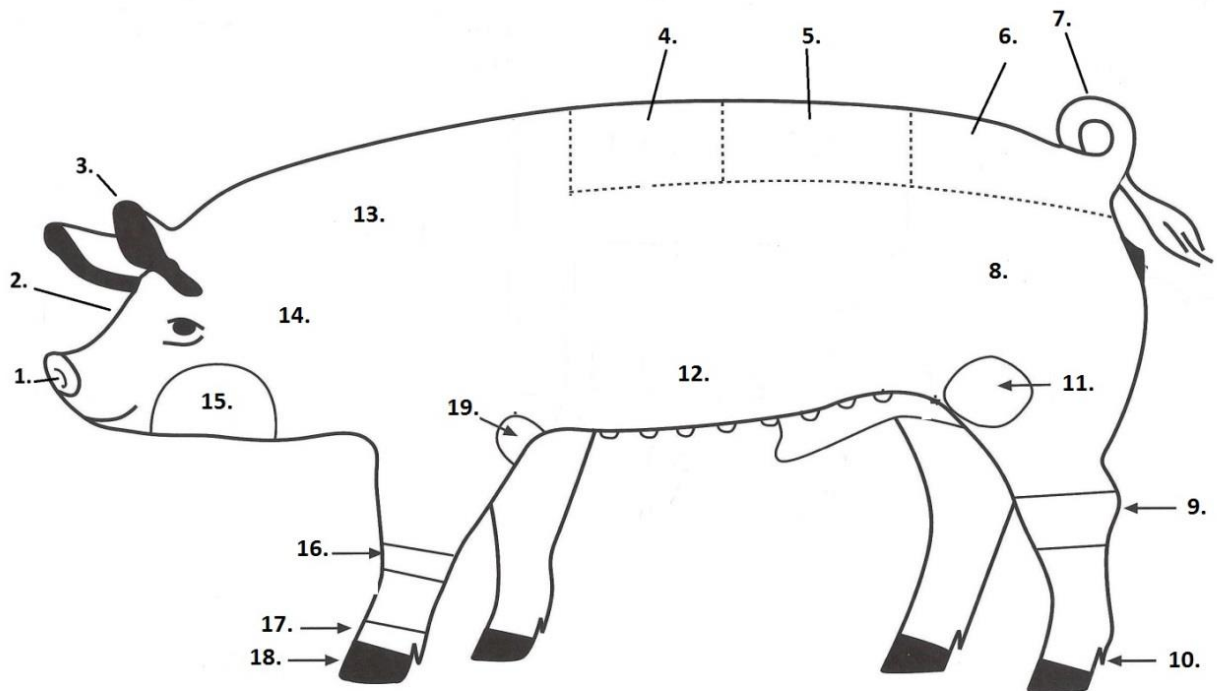
It is best to seek potential buyers the week before the auction.	T	F
You should be polite and mindful of potential buyer's time when asking them to be a potential buyer.	T	F
Providing information on the breed of your animal to potential buyers can be helpful.	T	F
Arriving at the potential buyer's place 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 15-19 Identify all 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

\_\_\_\_\_ Jawl

\_\_\_\_\_ Stifle Joint

\_\_\_\_\_ Elbow

\_\_\_\_\_ Knee

\_\_\_\_\_ Shoulder

\_\_\_\_\_ Foot (Toes)

\_\_\_\_\_ Loin

\_\_\_\_\_ Snout

\_\_\_\_\_ Tail

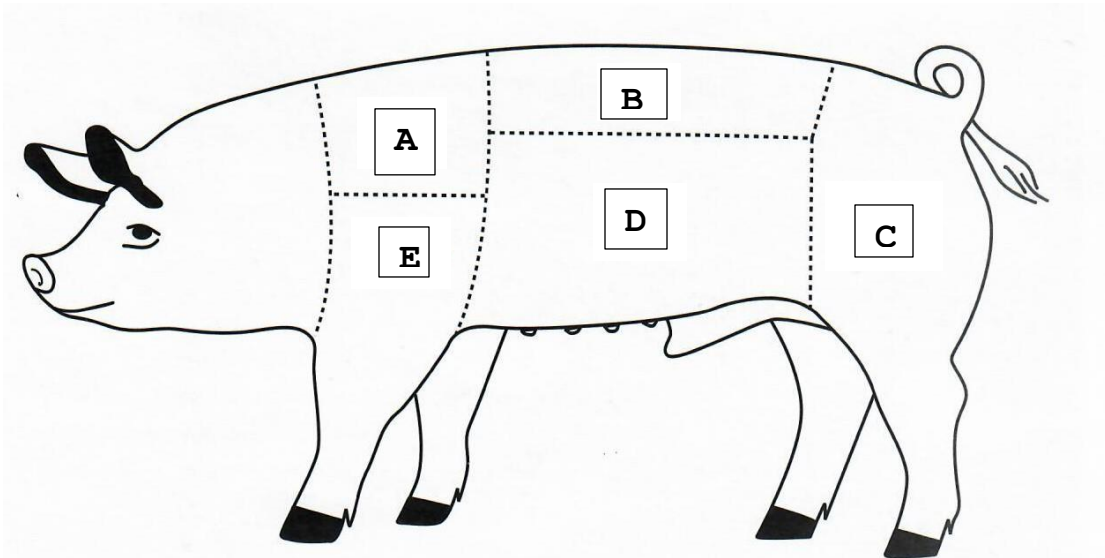
**FITTING & SHOWING THE MARKET HOG**

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
Tennis shoes are appropriate to wear in the showing.	T	F
When you want your pig to move to the left, you should be on the right side of your pig.	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 15-19 find all 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?

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

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3. What was the hardest part of your project?

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

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

---

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**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 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 \_\_\_\_\_

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](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**

*(This must be filled out before presenting for signatures at the office.)*

<b>MEETING NAME</b>	<b>LOCATION</b>	<b>DATE</b>	<b>POINTS</b>	<b>SIGNATURE OF LEADER, SUPERINTENDENT OR MSU STAFF</b>

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