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, 2018

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____________________________ HOG’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 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: __________________________________________________________
______________________________________________________________________

______________________________________________________________________
1) GENERAL GUIDELINE INFORMATION

2) JOURNAL OF CARE

3) PROJECT INFORMATION

4) SPECIFIC PROJECT KNOWLEDGE
   a) Marketing
   b) Swine Breeds
   c) Swine Parts Identification
   d) Swine Wholesale & Retail Cuts
   e) Miscellaneous Knowledge

5) YOUR PROJECT INFORMATION
   a) Project Progress & Management
   b) 4-H Knowledge

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
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 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. Creative way of showing what has been learned  
C. Notebook contains all project records  
D. Accuracy, neatness and general appearance

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 Market Livestock Swine Project Rules  
c. 4-H Skills for Life Animal Series – Swine 1, 2 & 3  
   (All swine leaders have a set of these resources and they are available on a check-out system at MSU Extension)
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 exercised & fed your animal, but what additional things have you done such as; washed, clipped, trimmed, foot care, health practices, medicines, general maintenance (cleaning living area & feed pans), training, had vaccinated, etc. **

**APRIL:**

**MAY:**

**JUNE:**
JOURNAL OF CARE (continued)

JULY:

AUGUST:

I, _____________________________, do attest and certify that this 4-Her has cared for this animal in a responsible manner while housed on my property. I also understand that integrity and responsibility are important to this 4-H experience.

___________________________
Signature of Property Owner
(if housed at home have parents sign)

___________________________
Date
PROJECT INFORMATION

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

<table>
<thead>
<tr>
<th>Project Start Date</th>
<th>Project End Date</th>
</tr>
</thead>
</table>

In what month was your pig born? __________________________

Please complete the following chart about your project.

<table>
<thead>
<tr>
<th>4-H Ear Tag Number</th>
<th>Breed</th>
<th>Gender</th>
<th>Date of Purchase</th>
<th>Price or value</th>
<th>Estimated Starting Weight</th>
<th>Ending Weight</th>
<th>Total Pounds Gained</th>
</tr>
</thead>
</table>

Note: Total pounds gained = ending weight – starting weight

MONTHLY FEED RECORD & EXPENSES

<table>
<thead>
<tr>
<th>Month</th>
<th>Type of feed</th>
<th>Supplements (if any used)</th>
<th>Amount (indicate lbs. etc.)</th>
<th>Cost or Value of feed used for the month</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL</td>
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<tr>
<td>MAY</td>
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</tbody>
</table>
MONTHLY FEED RECORD & EXPENSES (continued)

<table>
<thead>
<tr>
<th>Month</th>
<th>Type of feed</th>
<th>Supplements (if any used)</th>
<th>Amount (indicate lbs. etc.)</th>
<th>Cost or Value of feed used for the month</th>
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</thead>
<tbody>
<tr>
<td>JUNE</td>
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<tr>
<td>JULY</td>
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<tr>
<td>AUGUST</td>
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</table>

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.

<table>
<thead>
<tr>
<th></th>
<th>Vet Charges</th>
<th>Bedding</th>
<th>Insecticides</th>
<th>Equipment</th>
<th>Trucking</th>
<th>Housing/Rent</th>
<th>Advertising/Marketing</th>
<th>Miscellaneous (specify)</th>
<th>Buyer Recognition</th>
<th>MONTHLY TOTAL</th>
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</thead>
<tbody>
<tr>
<td>APR</td>
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<tr>
<td>4-H FEE</td>
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<td>TOTALS</td>
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</table>
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 on your market Hog Project.

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

(or total cost per pound to raise your animal)

What is the current selling price of a hog (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? ______
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 different than before if you participated in the past?

BREEDS- Fill in the crossword puzzle with the correct breed

ACROSS:
1. Black & white bodied with white nose, tail & feet. They have medium-sized, droopy ears & this breed stands as the embodiment of perfection in the swine industry.

2. Red pigs with dropping ears are the 2nd most recorded breed of swine in the US. Characteristics include the ability to produce large litter, longevity in the female line & lean gain efficiency.

3. White-bodied pigs have black spots & medium-sized droopy ears. They are popular with farms & commercial swine producers for their ability to transmit fast-gaining, feed efficient, meat qualities to their offspring.

DOWN:
4. White breed with erect ears this breed is the most recorded breed of swine in the US. They are muscular with a high proportion of lean meat & low backfat. The motto “The Mother Breed & a Whole Lot More” is used in describing them.

5. These white pigs with large drooping ears are the 4th most recorded breed in the US. The females are known for their ability to produce large litters and have outstanding maternal traits.

6. These black hogs have white belts across the shoulder, covering the front legs around the body. They have erect ears & are heavily muscled. They are the 3rd most recorded breed in the US.

WORD BANK
(not all breeds will be used)

BERKSHIRE
CHESTER WHITE
DUROC
HAMPShIRE
HEREFORD
LANDRACE
POLAND CHINA
SPOT
YORKSHIRE
Write the number next to the correct part listed below

___ Back  ___ Ham  ___ Neck
___ Belly  ___ Head  ___ Pastern
___ Dewclaw  ___ Hock  ___ Rump
___ Ear  ___ Jowl  ___ Stifle Joint
___ Elbow  ___ Knee  ___ Shoulder
___ Foot (Toes)  ___ Loin  ___ Snout
___ Tail
WHOLESALE CUTS IDENTIFICATION

Fill in the numbers for the 5 cuts of pork in the spaces provided below:

- Belly
- Shoulder
- Ham
- Loin
- Picnic Shoulder

RETAIL CUTS IDENTIFICATION

Fill in the letter of the retail cut next to the correct cut in the box.

- Back ribs
- Blade steak
- Center cut chops
- Fresh ham
- Sliced bacon
- Smoked ham
- Smoked picnic
- Spareribs
- Tenderloin
1. What are 2 signs of a sick pig?

______________________,
______________________.

2. Name 4 swine by-products:

______________________,
______________________,
______________________,
______________________.

3. Name the 5 nutrient groups:

______________________,
______________________,
______________________,
______________________,
______________________.

4. Which is the most important?

____________________________________

5. Name 2 Animal Agricultural Careers:

______________________,
______________________.

6. Name 4 pieces of equipment you will need for fitting & showing your swine:

______________________,
______________________,
______________________,
______________________.
PROJECT PROGRESS AND MANAGEMENT RECORD

1. Why did you pick the hog that you did?
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

2. What was the best feature of your market hog this year?
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

3. What feature of your market hog could use improvement?
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

4. What did you do to train your hog to get it ready to bring it to the Fair?
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
**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)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
<th>Location</th>
<th>Placing, Position or Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Find, and circle, the following “4-H” words in the puzzle below

(they may be up, down, forwards or backwards)

WORD BANK

- CARING
- CHARACTER
- CITIZENSHIP
- COMMUNITY
- FAIRNESS
- GIVING
- HANDS
- HEAD
- HEALTH
- HEART
- HONESTY
- INTEGRITY
- RESPECT
- SPORTSMANSHIP
- TRUST
MY 4-H STORY

(Interesting things that happened to me and my animal this year, challenges, highlights of my 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
SWINE PROJECT (AGES 8-11)

Name______________________________Club_________________________

Please print business names and complete addresses clearly.

1. Contact Name
   Business Name
   Mailing Address
   Phone
   
   Signature

2. Contact Name
   Business Name
   Mailing Address
   Phone
   
   Signature

3. Contact Name
   Business Name
   Mailing Address
   Phone
   
   Signature

4. Contact Name
   Business Name
   Mailing Address
   Phone
   
   Signature

5. Contact Name
   Business Name
   Mailing Address
   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. The judges appreciate captions so they know what the picture is portraying.