Intermediate Level
4-H Market Hog Project Report
To be completed by 4-H Swine Project members 12-14 years old by January 1.

Name: ________________________________ Number of years in project: ________

Club Name: ________________________________ Date of Birth: ________________

Project Leader: ________________________________ 4-H Age (as of January 1): ________

Project Year (ex: 2016): ________________

I hereby certify that, as the exhibitor of this project, I have personally been responsible for the care of this animal, record keeping, and have completed this record book, I am aware that this record book may be on display during the fair, and thus all content will be appropriate.

Youth Signature: ________________________________ Date: ________________

I, the parent/guardian, certify that my son/daughter has completed this project and completed this record book and will comply with all rules and regulations. I give permission for this record book to be displayed to the public and will ensure that all content is appropriate.

Parent/Guardian Signature: ________________________________ Date: ________________

Records start with possession of your animal(s) and end with your fair week estimates.

Why Keep Records?

By keeping records, you will be able to see how much progress you make this year and over the course of your 4-H career as you set goals and work to accomplish them.

Good records will:

• Help you learn about animals, their rate of growth, the feed they require, the cost of the feed they require and their habits.
• Increase understanding of your project’s financial outcome.
• Assist you in gathering information to market your animal.
• Improve your management practices.
• Keep track of your project activities and learning experiences.
• Allow you to better plan for future livestock projects.

If you have questions or need help on this record book, please contact your leader, parent/guardian, or County MSU Extension Office.
Project Information

Name and/or description of animal(s): ____________________________________________

Breed(s): __________________________________________________________________

Identification of animal(s)(ear tag/fair tag number): ________________________________

Estimated Birth date of animal(s): ___________ Date of ownership or purchase date: ___________

Estimated beginning value of animal(s): ___________ Ending market value of animal(s): ___________

Please tell us about your project animal (check all that apply):

___ Purchased my project animal(s)

___ Project animal(s) are bred and owned (from an animal on my family farm)

___ Other (please explain): __________________________________________________________________

This Year’s Project Goals (Complete this portion of the record book pre-project or once animals are purchased.)

Date “This Year’s Project Goals” section completed: ______________________

Please explain three goals that you have for your animal(s) project:

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

Please list three ways you plan to communicate with potential buyers.

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

Project Reflection: (Please respond to the following questions (additional pages can be added).)

What did you learn in the project this year? ________________________________________

______________________________________________________________________________

What did you feed your animal(s) and why? ________________________________________

______________________________________________________________________________

What management strategies did you put in place to help keep your animal(s) healthy? ____________

______________________________________________________________________________
List one thing that went well and one thing that you could improve on in the future. __________________________________________

_________________________________________________________________________________________________

How did you market your animal(s)? _________________________________________________________________

_________________________________________________________________________________________________

Project Scenario: Calculate/fill-in the blanks.

<table>
<thead>
<tr>
<th>Ear tag #</th>
<th>Breed of Hog</th>
<th>Beginning Market Value</th>
<th>Starting weight (June 11)</th>
<th>Ending weight as of evaluation date</th>
<th>Total lbs. gained (a)</th>
<th>Total days on feed (b)</th>
<th>Average daily gain (c)</th>
<th>Total market value (d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Cross bred</td>
<td>$80.00</td>
<td>105 lbs.</td>
<td>300 lbs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Cross bred</td>
<td>$80.00</td>
<td>55 lbs.</td>
<td>230 lbs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(a) Ending weight - Starting weight = Total lbs. gained
(b) Total days on feed = number of days between date of tag in (June 11), and date of evaluation.
(c) Total lbs. gained (a) / Total days on feed (b) = Average daily gain
(d) Ending weight x market price/lb.
(e) Feed expenses were $0.12/lb. of feed.
(f) Used 5 pounds of feed per day per pig.
(g) Current market price is $0.52/lb. provided by the 4-H expert.
(h) Total expenses / final weight

Project Expenses: Beginning Market Value = $__________________________

Total Feed Costs (e) x (f) x (b) = $__________________________

TOTAL EXPENSES = $__________________________

Breakeven Price (h): Ear tag # 4 = $__________________________

Ear tag # 5 = $__________________________

What is the definition of “breakeven price” for this project? What can be done to improve the “breakeven price”? ______________________________________________________________

_________________________________________________________________________________________________

Based on the outcome of the scenario, what is one thing you can do to increase your profit for next year? ______________________________________________________________

_________________________________________________________________________________________________
Take a picture of your project animal(s) at the beginning and end of your project. This will help indicate how your animal(s) have grown and developed.

**Beginning Project Pictures:** Date of photo: ____________________________

**Ending Project Pictures:** Date of photo: ____________________________