Michigan 4-H Animal Market Project Record Book

Intermediate Market Record Book

Name: ____________________________________ Date of Birth: _______________

Species: Beef [ ] Sheep [ ] Swine [ ] Goat [ ]
Feeder Calf [ ] Poultry [ ] Rabbit [ ] Other [ ]

Year (example: 2015): ____________ Age (as of Jan 1st): ____________

Is this your first year in project? Yes ____ No ____

If No, how many years have you been doing project: ________________

Club Name: ____________________________________________

Project Leader: _________________________________________

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 auction and/or 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: __________

Check with your local 4-H staff to determine when your record book needs to be submitted and any additional guidelines or rules for completion.

**RECORDS START WITH POSSESSION OF YOUR ANIMAL(S) AND END WITH FAIR WEEK ESTIMATES!**

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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.

PLEASE PRINT OR WRITE CLEARLY.

Project Information
(Submit one completed record book for each market species)

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

Breed(s): __________________________________________________________

Identification of animal(s) (Tattoo/Ear tag/Fair tag number): __________________

Estimated Birth date of animal(s): _____________________________

Date of ownership or purchase date: _____________________________

Estimated beginning 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 & owned (from an animal on my family farm)
- [ ] Other (please explain): __________________________________________

Comments by Leader/Parent (optional): ____________________________________
This Year's Project Goals
Complete this portion of the record book pre-project or once animals are purchased.
Date this page completed: _______________________

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

1. ____________________________________________________________________________
   ____________________________________________________________________________

2. ____________________________________________________________________________
   ____________________________________________________________________________

3. ____________________________________________________________________________
   ____________________________________________________________________________

Please list three potential buyers you plan to approach this year:

1. ____________________________________________________________________________

2. ____________________________________________________________________________

3. ____________________________________________________________________________

Please list three communication strategies you plan to utilize this year:

1. ____________________________________________________________________________

2. ____________________________________________________________________________

3. ____________________________________________________________________________

Anticipated Income from animal(s): ______________________________

Beginning Project Picture
Take a picture of your project animal(s). Date of photo: __________
# Monthly Feed Record Worksheet (Add additional pages if needed)

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**NOTE:** RECORD FEED AS IT IS FED TO YOUR ANIMAL.
- *Type of feed should be expressed in pounds and include grains, supplements, mixes, hay, silage, etc.
- The estimated value of homegrown feed needs to be included.

Number of animals reflected on this chart.
### Expenses Other Than Feed Worksheet (Add additional pages if needed)

<table>
<thead>
<tr>
<th>Expense Categories</th>
<th>Veterinary Charges</th>
<th>Medication/Insecticides</th>
<th>Bedding</th>
<th>Equipment</th>
<th>Registration Fees</th>
<th>Trucking/Transportation</th>
<th>Housing rent/Leasing fees</th>
<th>Clipping/Shearing fees</th>
<th>Interest paid (if $ borrowed)</th>
<th>Advertising/Marketing</th>
<th>Buyer Recognition</th>
<th>Miscellaneous (specify)</th>
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_____ Number of animals reflected on this chart.

$_______ Total Expense per animal

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**TOTAL EXPENSES**
(Transfer this number to page 8 – c. If this is for more than one animal, divide by the number of animals.)
**Weight Record** *(Add additional pages if needed)*

It is recommended to weigh your animal(s) at least once each month or more as appropriate for your species. Use one of the charts below for each market animal.

<table>
<thead>
<tr>
<th>Animal ID: ______________</th>
<th>Animal ID: ______________</th>
<th>Animal ID: ______________</th>
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</table>
My Project Animal:
(Please complete page 7 for each market animal – make additional copies of this form as needed)

<table>
<thead>
<tr>
<th>Ear Tag Number</th>
<th>Sex</th>
<th>Breed</th>
<th>Date Acquired</th>
<th>Beginning Weight</th>
<th>Final Weight (A)</th>
</tr>
</thead>
</table>

NOTE: The final weight can be determined by weight tape, scale at home or at the fair. This can allow the exhibitor to complete record book prior to the fair.

My Estimated Project Income:

\[
\text{My Estimated Project Income} = \frac{\text{Market Price}^* \times \text{Final Weight (A)}}{\text{Final Weight (A)}} \times \text{Final Weight (A)} = \frac{\text{EXPECTED MARKET INCOME}}{\text{EXPECTED MARKET INCOME}} + \frac{\text{OTHER INCOME}^*}{\text{OTHER INCOME}^*} = \text{Total Expected Income}
\]

*Market Price* - is the price you would receive under normal sale conditions (such as an auction sale yard). These prices are published in agriculture newspapers, magazines, or TV and radio farm reports and online.

**OTHER INCOME** could include premiums from another show, sale of by-products (wool, eggs, manure, etc.), etc., generated prior to the fair.

My Project Expenses:

\[
\text{My Project Expenses:} = \text{VALUE}
\]

\[
\text{Purchased Animal} = \text{List Price (page 2)} \quad \text{or} \quad \text{Raised Animal} = \text{List Value at Start of Project}
\]

\[
\text{Total Feed Costs Per Animal From Monthly Feed Record Worksheet (page 4)}
\]

\[
\text{Total Cost From Per Animal Expenses Other Than Feed Worksheet (page 5)}
\]

\[
\text{TOTAL EXPENSES (a+b+c)}
\]

\[
\text{TOTAL EXPENSES} = \text{Total Expenses}
\]

\[
\text{Formula to Calculate Your Breakeven Price}
\]

\[
\frac{\text{Total Expenses}}{\text{Final Weight of Animal (A)}} = \text{Breakeven Price}
\]

(Please complete page 7 for each market animal – make additional copies of this form as needed)
Ending Project Pictures
Take a picture of your project animal(s) at the end of your project. This will help indicate how your animal(s) have grown and developed.

Date of ending photo: _______________
Project Reflection:
Please respond to the following questions (additional pages can be added).

1. What did you learn in the project this year? ________________________________
   _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________

2. What did you feed your animal(s) and why? ________________________________
   _______________________________________________________________________
   _______________________________________________________________________
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3. What techniques did you use to aid in marketing your animal(s)? ______________
   _______________________________________________________________________
   _______________________________________________________________________
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4. What management strategies did you put in place to help keep your animal(s) healthy?
   _______________________________________________________________________
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5. What is the definition of “breakeven price” (page 7) for this project? What can be done to improve the “breakeven price?”
   _______________________________________________________________________
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6. List one thing that went well and one thing that you could improve on in the future.
   _______________________________________________________________________
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Judge’s Comments:
Please respond to the following statements to provide feedback to the youth.

The market animal(s) project owner did the following items well: ______________________

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

Areas to improve include: ______________________________________________________

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

Additional comments: __________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

Judging Results (OFFICE USE ONLY) Ribbon Award: A B C