Members showing a feeder market project must complete this record book.

Name:_____________________________________________________________

Address:_____________________________________________________________

4-H Club:___________________________________________________________

4-H Leader:_________________________________________________________

Age (as of 1/1):__________________ Years in 4-H Feeder Market Project:_______
WHY KEEP RECORDS?

Keeping records on your project can be interesting and fun - not dull or boring.

Good records will:

- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed and their habits.
- Help you plan future projects.
- Let you know if you made or lost money and how much.
- Improve your management practices.
- Give you a record of your project activities.

Keep this record as part of your Personal 4-H Records. This information is helpful for you to plan future year’s market projects, as well as if you ever apply for 4-H awards or a 4-H scholarship.

Remember - Records are no better than what YOU put into them!

I understand that this is a completed Feeder Market Project Record Book as required.

4-H'ers Signature: ________________________________

4-H Leader’s Signature: ________________________________

Objectives To let 4-H Members:

- Experience the obligation and responsibility required in a livestock enterprise.
- Experience and cope with the “values” and “attitudes” of responsibility, in a relatively unsupervised environment. Supervision will be on a periodic basis.
- Contribute to the family table with meat, or to experience the marketing process and system, through sale of the product.
- Experience competition through showing the animal at local area organization sponsored shows, the fair and state-wide shows.

MSU Mecosta Extension
14485 Northland Drive
Big Rapids, MI 49307
http://msue.anr.msu.edu/county/info/mecosta
Phone: (231) 592-0795
My Market Feeder Project Animal

**Ear Tag Number:** ____________

**Breed:** ____________________

<table>
<thead>
<tr>
<th>Purchased (P) or Raised (R)</th>
<th>Beginning Weight (A)</th>
<th>Finished Weight (B)</th>
<th>Amount of Gain (Gain=B-A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price/Value</td>
<td>Date _________</td>
<td>Ex: B=1200 lbs.</td>
<td>Ex: 1200-500= 700 lbs.</td>
</tr>
<tr>
<td>Ex: P $600.00</td>
<td>Ex: A=500 lbs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12/01/11 Scale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For Price/Value, use either the purchase price or the market value of the animals at the time of your weight measurements.

**Your Market Feeder Project Break Even Price**

4-H animals are sold by the pound at our Junior Livestock Auction. Find out what bid price (per pound) you need to get at the Junior Livestock Sale to break even on your 4-H Market Feeder Project.

**Expenses on Market Animal:** ____________ (pg. 5)

**Purchase Price of Animal:** (P or R) + ____________ (written above)

**TOTAL PROJECT EXPENSES:** $ ____________ = TPE

**Finished Weight of Animal:** ____________ = FW

**Break Even Price (BEP) = TPE / FW = ____________ cost per pound**

**Current Market Value (CMV)= ____________ per pound**

(Total Project Expenses (TPE) divided by your Finished Weight (FW), equals your (BEP), cost per pound to raise your market animal.)

Example: **TPE = $1300.00  FW = 1200 lbs  Calculate  $1300 ÷ 1200 = $1.08 cost per lb.**
**Project Feed Record and Expenses**

In this section, you will calculate your cost to feed your project animal. Record by months the amounts of feed purchased, weighed out, or fed during each month. Brand names do not matter but content and cost do. Home grown feed should be listed according to fair market value. This report should be for the animal you are planning to take to fair.

### Monthly Feed Costs

<table>
<thead>
<tr>
<th>Feed Type</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grain</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concentrates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minerals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hay</td>
<td>Monthly Cost</td>
<td>Pounds used</td>
<td>Cost of Feed (per lb)</td>
<td>Monthly Cost</td>
<td>Pounds used</td>
</tr>
</tbody>
</table>

Find the sum of your monthly costs.

**TOTAL FEED COST**
### Total Expenses

In this section, you will calculate your cost to prepare your market project for the fair and auction.

<table>
<thead>
<tr>
<th>Expense Items</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Totals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>My 4-H Project Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example:** 1200 lbs x 1.30 x 0.04 = 62.40

*Amounts are reported in the Pre Fair Newsletter

**Finished Weight (FW) x market price (posted in barn fair week) x 0.04 (commission rate)

Example: 1200 lbs x $1.30 x 0.04 = $62.40**
My 4-H Market Feeder Project Photographs

Be creative. The more photographs the better, but a completed record book should at least have a beginning photograph and a finished picture. You are encouraged to be in the photo with your project animal and include additional photographs. You should also include captions on your pictures that at least include the date of the photograph. You may use additional pages.
My 4-H Market Feeder Project Feed Ingredients

Attach a Feed Ingredients Slip/Nutritional Analysis from each of your feed sources. If the feed is mixed in a mill, ask the mill operator for a list of ingredients. If a slip is not available, please describe your feed sources as best as possible.
My 4-H Feeder Market Project Experiences

This is what I learned in my Feeder Project this year:____________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________

This is what I enjoyed most about this project:____________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________

My biggest challenge was:_______________________________________________
______________________________________________________________________
______________________________________________________________________

Next year in the Feeder Project, I plan to:_________________________________
______________________________________________________________________
______________________________________________________________________
______________________________________________________________________
Project Knowledge

Answer the following questions:

1. What is the average rate of gain for a dairy feeder (one percent variance)?

2. What percent protein should you feed your dairy feeder?

3. What is the most important thing to feed your dairy feeder each day?

4. List 3 potential buyers you plan to approach this year:

5. Explain how you plan to market your feeder for the sale:

6. If your feeder weights 600 pounds, how long should it take for him to reach 1200 pounds (use the ARG from above):

7. Given your BEP and CMV, would you be able to make a profit and why?

8. What are some ways you could reduce your BEP?

9. Describe at least 5 steps you completed to get your animal ready for show:

Parts of a Feeder

Match the letter with the correct term.

_____ Crest
_____ Back
_____ Ear
_____ Switch
_____ Knee
_____ Tailhead
_____ Loin
_____ Dewlap
_____ Stifle
_____ Hindquarter
_____ Point of Shoulder
_____ Poll
_____ Muzzle
_____ Sheath
_____ Hock
_____ Rump
_____ Hoof
_____ Dew Claw
_____ Brisket
_____ Hook
# My 4-H Feeder Market Project Record Book Score Sheet

4-H Member: __________________________________________________________

4-H Club: ____________________________________________________________

<table>
<thead>
<tr>
<th>Page</th>
<th>Possible Points</th>
<th>Your Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COVER SHEET</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>All information is completed.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>WHY KEEP RECORDS</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Leader signed book.</td>
<td></td>
</tr>
<tr>
<td>3-5</td>
<td>PROJECT RECORDS AND EXPENSES</td>
<td>30</td>
</tr>
</tbody>
</table>
|      | All information is neat and complete.  
      | All questions are answered. |           |
| 6    | 4-H PROJECT PHOTOGRAPHS | 10         |
|      | Includes photographs of project animal  
      | Captions included with pictures |           |
| 7    | FEED RECORD     | 10          |
|      | All information is neat and complete. |            |
| 8    | PROJECT EXPERIENCES | 10         |
|      | All information is neat and complete. |            |
| 9    | PROJECT KNOWLEDGE | 20         |
|      | All information is neat and complete. |            |
| 10   | PARTS OF THE STEER | 10         |
|      | All information is neat and complete. |            |

**Total Points**

A: 100-90; B: 89-80; C: 79-70; DQ: Under 69

**Total Points**: 100