“Meat Animal” Project Records
# Meat Animal Project Records

Duplicate this record for each species

<table>
<thead>
<tr>
<th>Juniors</th>
<th>Seniors</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Grades 4-8)</td>
<td>(Grade 9+)</td>
</tr>
<tr>
<td>Complete pages: 1,2,3,9 &amp; 10</td>
<td>Complete pages: 1-10</td>
</tr>
<tr>
<td>(comment page, optional)</td>
<td>(comment page, optional)</td>
</tr>
</tbody>
</table>

Name _________________________________________________________

Address_______________________________________________________

Club or FFA Chapter ____________________________________________

Grade __________ Age __________ Number of years in project ______

Who has helped you this year? ____________________________________

FFA Advisor, Project Leader or MAS Committee Member ________________

Specie (circle one) beef sheep hog

I have the following financial agreement: (with parents, breeder, other?)

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

My animals are housed:
On our home farm _______ Other ________
If you don’t house your animals at your home farm, where do you house them and what is the financial agreement with that property owner?

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

I believe that the following information is correct. I have done the work in this project by myself with help from my parents and leaders.

Project member’s signature _______________________________Date ______

Parent’s signature ________________________________Date ______

Leader’s signature ________________________________Date ______
Project Animal Expenses
(used for all species)
*This information is from the day of the first weigh-in to the fair.*

- The market price will be posted for you at the weigh-in. The market price will also be mailed to you with the weigh-in sheets after the weigh-in date.

- The market value is the weight (multiplied by) X market price. This is the only information that you need for the value of your animals that you purchased. *OR the actual amount that you paid for your animal.

- The information from this page will go to page 8 for Seniors (grades 9+)

Value of your animals at the first weigh-in:

<table>
<thead>
<tr>
<th>Weigh-in Date</th>
<th>Type of Animal</th>
<th>County Ear Tag</th>
<th>Weight</th>
<th>Market Price/pound*</th>
<th>Market Value</th>
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</thead>
<tbody>
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</tbody>
</table>
**Animal Weights at fair weigh-in:**

<table>
<thead>
<tr>
<th>Animal</th>
<th>County Tag Number</th>
<th>Beginning Weight</th>
<th>Fair Weight</th>
<th>Average Daily Gain</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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</tbody>
</table>

**Information from this chart will be needed on page 6**

The number of project days in this year are:
- Beef ...................... 171
- Sheep ..................... 101
- Hogs ...................... 101

To find the Average Daily Gain of your animals, subtract the beginning weight from the fair weight then divide by the number of days in this project year. These are the pounds of weight per day that your animal gained.

<table>
<thead>
<tr>
<th>Animal 1</th>
<th>Animal 2</th>
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</thead>
<tbody>
<tr>
<td>Fair weight</td>
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<tr>
<td>(minus) -</td>
<td></td>
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<tr>
<td>Beginning weight</td>
<td></td>
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<tr>
<td>(equals) =</td>
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<tr>
<td>Total pounds gained</td>
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<td>(divided by) ÷</td>
<td></td>
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<tr>
<td>Number of project days</td>
<td></td>
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<tr>
<td>(equals)</td>
<td></td>
</tr>
<tr>
<td>Average daily gain</td>
<td></td>
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</tbody>
</table>
LAMB OR HOG FEED EXPENSES

- List in the top row of the table the type of feed that you fed. You may have more than one type of feed or you may only have one kind. If you feed more than 4 different kinds, you may add columns.
- In the "Total Pounds" column, enter in the amount that you fed each month.
- In the "Total Cost" column, enter the total feed cost for each month.
- Your Feed could be:
  1. A complete feed
  2. Concentrates such as corn, protein, oats or others
  3. Corn silage or haylage
  4. Hay
  5. Mineral and salt
  6. Milk replacer or milk
  7. You may feed something different!

**Water is the most important nutrient that your animal needs - be sure to always have a clean and adequate water supply available for your animal.**

<table>
<thead>
<tr>
<th>Type of Feed</th>
<th>Total Pounds</th>
<th>Total Cost</th>
<th>Total Pounds</th>
<th>Total Cost</th>
<th>Total Pounds</th>
<th>Total Cost</th>
<th>Total Pounds</th>
<th>Total Cost</th>
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</thead>
<tbody>
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<td>May</td>
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<tr>
<td>TOTALS</td>
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</tbody>
</table>

B. TOTAL FEED COSTS FOR LAMB OR HOG $________

TOTAL POUNDS OF FEED_____________

Total Feed Costs from line above $_________ Total Pounds of feed ________
(Divided by) ÷ (Divided by)
Total Number of animals fed ___________ Total Number of animals Fed
(Equals) = (Equals) + _________

Average cost of feed/animal $_________ Average pounds fed /animal _________

(This information will be used on page 8) (This information will be used on page 6)
## BEEF FEED EXPENSES

- List in the top row of the table the type of feed that you fed. You may have more than one type of feed or you may only have one kind. If you feed more than 4 different kinds, you may add columns.
- In the "Total Pounds" column, enter in the amount that you fed each month.
- In the "Total Cost" column, enter the total feed cost for each month.
- Your Feed could be:
  8. A complete feed
  9. Concentrates such as corn, protein, oats or others
  10. Corn silage or haylage
  11. Hay
  12. Mineral and salt
  13. Milk replacer or milk
  14. You may feed something different!

**Water is the most important nutrient that your animal needs – be sure to always have a clean and adequate water supply available for your animal.**

<table>
<thead>
<tr>
<th>Type of Feed</th>
<th>Total Pounds</th>
<th>Total</th>
<th>Total Cost</th>
<th>Total Pounds</th>
<th>Total</th>
<th>Total Cost</th>
<th>Total Pounds</th>
<th>Total Cost</th>
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<tbody>
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<td>February</td>
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<td>TOTALS</td>
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</tr>
</tbody>
</table>

B. TOTAL FEED COSTS FOR BEEF $_______

Total Feed cost $______

(Divided by) ÷

Total Animals Fed _________

(Equals) =

Average Cost of Feed/Animal $______

(This information will be used on page 8) ☐

TOTAL POUNDS OF FEED_______

Total Pounds of Feed _______

(Divided By)

Total Animals Fed _________

(Equals) =

Average Pounds of Feed/Animal ________

(This information will be used on page 6) ☐
FEED CONVERSION

FIGURE THIS FEED CONVERSION ON ONE ANIMAL

- Feed Conversion tells you how much feed you used for each pound of animal gain.
- A good range for pounds of feed fed per pound of animal gain would be:
  - Beef – 6.5 to 10 pounds
  - Lamb – 3.5 to 5 pounds
  - Hog – 2.5 to 4.5 pounds

- If your numbers don’t fall within the “good range”, you may want to contact a member of the MAS committee for help with this next year.
- For high moisture feed conversion (i.e. corn silage) contact project leader or UW-Extension.

FEED CONVERSION CHART

<table>
<thead>
<tr>
<th>1. Total Pounds of Feed Used/ animal</th>
<th>page 4 or 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Total Pounds Gained</td>
<td>page 3</td>
</tr>
<tr>
<td>3. Feed Costs/ animal</td>
<td>page 4 or 5</td>
</tr>
</tbody>
</table>

- Feed Conversion-line #1 divided by line #2 ** # per Lb of gain
- Feed Cost per Pound of Gain line #3 divided by line #2 $ per Lb of gain

Bushel Weights of common grains

<table>
<thead>
<tr>
<th>Feed</th>
<th>Lbs./Bushel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley</td>
<td>48</td>
</tr>
<tr>
<td>Corn-Ear</td>
<td>70</td>
</tr>
<tr>
<td>Corn-Shelled</td>
<td>56</td>
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<tr>
<td>Oats</td>
<td>32</td>
</tr>
<tr>
<td>Soybeans</td>
<td>60</td>
</tr>
<tr>
<td>Wheat</td>
<td>60</td>
</tr>
</tbody>
</table>

Common Weight Abbreviations

- Pound - lb. - 16 ounces (oz.)
- Hundredweight - cwt. = 100 lbs.
- Ton - T - 2,000 lbs.
- 1 bale of hay = 40-50 pounds
OTHER EXPENSES

INCLUDING BEDDING, HEALTH CARE AND EQUIPMENT

☐ List the type of bedding that you used and the total cost on one line.
☐ List any show supplies that you purchased this year. This could be halters, soap, clippers, sprays, feeding supplies or any equipment.
☐ List any health care expenses such as veterinarian calls to treat your animals, any worming or any other expenses.
☐ List any trucking expense to weigh in or to the fair.
☐ List the cost of rent for buildings if you have any.

<table>
<thead>
<tr>
<th>Date</th>
<th>Type of Expense</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
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</table>

TOTAL OF OTHER EXPENSES  $___________

Total of other Expenses  $ ________________
Divided by
Total Animals  ________________
Equals =
Other Expenses of one animal  $ ________________

(This amount will be entered on page 8)
To find out how much money you made or lost this year, fill in the following information:

Total Gross Income from page 9  $__________
Minus (-)
Total of expenses from page 8  $__________
Equals (=)
Total amount made (or lost)  $__________
INCOME SECTION

- **If you sold** in the sale, fill in the amounts.
- **OR**
- **If you DID NOT sell** in the MAS auction, fill in the price per pound that you received for your animal when you sent it to market. **OR**, you may use the market price posted in the barns after fair weigh in and multiply by the weight of your animal.

<table>
<thead>
<tr>
<th>Date</th>
<th>Type of Animal</th>
<th>Ear Tag #</th>
<th>Weight</th>
<th>Price per Pound</th>
<th>Selling Price</th>
</tr>
</thead>
</table>

Selling Price: $___________

Weight x price per pound = the selling price

COMMISSION EXPENSE

If you sold in the MAS sale, you will pay a commission. This is money that is taken out of your sale check to help fund the MAS project.

- Selling Price: $____________
  *(taken from “selling price” above)*
  
  (Multiply by) \( \times \)

  Commission percentage: ______ 4 ____ %
  
  (Equals) =
  
  Total Commission: $____________

- Selling Price: $____________
  
  (Minus) -
  
  Total Commission: $____________
  
  (Minus) -

  Other Sales Expense: $____________
  
  (like checkoffs, per head charges, etc.)
  
  (Equals) =
  
  TOTAL GROSS INCOME: $____________
After the fair, you need to complete your record book. The following needs to be included:

- **Summary Sheet**
- **Project Story/List/Outline**—Explaining what you did and learned, and any problems you had & how you solved them, examples of leadership, future goals.
- The Recordbook forms for livestock include the following sheets:
  - **Meat Animal Project Records**
    - **Junior** (Grade 4-8)
      Complete pages 1,2,3,9 & 10 (comment page, optional)
    - **Senior** (Grade 9+)
      Complete pages 1-10 (comment page, optional)
  - If you were in the “Beef Feeder Project,” you MUST INCLUDE your “Beef Feeder Replacement” record book along with these record book requirements.
  - If you exhibited “Breeding Stock,” include the “Breeding Stock” Project Records along with other required items.
- You may include one photo for each project animal plus 6 additional photos/clipping which pertains to your project work.
Comment Page

The Meat Animal Sale Committee welcomes your comments on the Record Book, the Sale, and any other aspect of the Committee. You may also use this space to request what types of educational programs you would like to focus on next year. Thank you for your support and comments.

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