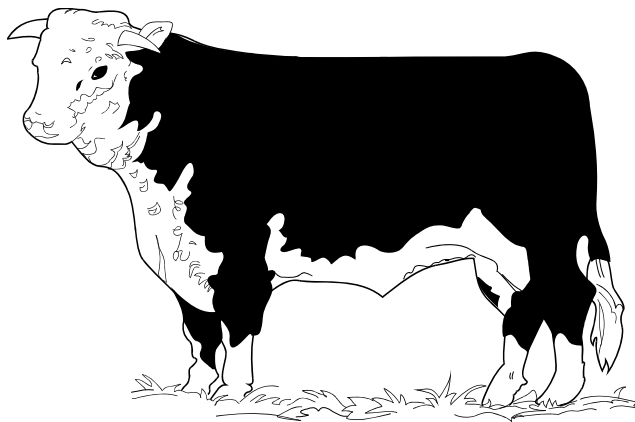
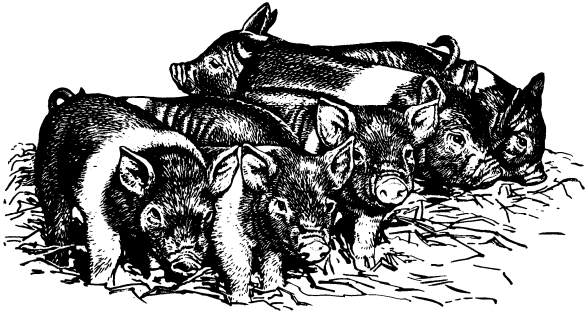


“Meat Animal” Project Records



Meat Animal Project Records

Duplicate this record for each species

Juniors

(Grades 4-8)

Complete pages: 1,2,3,9 & 10
(comment page, optional)

Seniors

(Grade 9+)

Complete pages: 1-10
(comment page, optional)

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:

Weigh-in Date	Type of Animal	County Ear Tag	Weight	Market Price/pound*	Market Value
				\$	\$
				\$	\$
				\$	\$
				\$	\$
				\$	\$

Project Animal Rate of Gain Section

****Animal Weights at fair weigh-in:**

Animal	County Tag Number	Beginning Weight	Fair Weight	Average Daily Gain <small>* use the workspace below to help you</small>
1				
2				

**** 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.

	<u>Animal 1</u>	<u>Animal 2</u>
Fair weight (minus) -	_____	_____
Beginning weight (equals) =	_____	_____
Total pounds gained (divided by) ÷	_____	_____
Number of project days (equals)	_____	_____
Average daily gain	_____	_____

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.

Lamb or Hog Feed Expenses Information

Type of Feed <small>Enter type of feed →</small>								
	Total Pounds	Total Cost	Total Pounds	Total Cost	Total Pounds	Total Cost	Total Pounds	Total Cost
May		\$		\$		\$		\$
June		\$		\$		\$		\$
July		\$		\$		\$		\$
August		\$		\$		\$		\$
TOTALS		\$		\$		\$		\$

B. TOTAL FEED COSTS FOR LAMB OR HOG \$ _____
TOTAL POUNDS OF FEED _____

Total Feed Costs from line above \$ _____
(Divided by) ÷
 Total Number of animals fed _____
(Equals) =

Total Pounds of feed _____
(Divided by)
 Total Number of animals Fed _____
(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)

DC0-23

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.

Type of Feed Enter type of feed →								
	Total Pounds	Total Cost	Total Pounds	Total Cost	Total Pounds	Total Cost	Total Pounds	Total Cost
February		\$		\$		\$		\$
March		\$		\$		\$		\$
April		\$		\$		\$		\$
May		\$		\$		\$		\$
June		\$		\$		\$		\$
July		\$		\$		\$		\$
August		\$		\$		\$		\$
TOTALS		\$		\$		\$		\$

B. TOTAL FEED COSTS FOR BEEF \$ _____ TOTAL POUNDS OF FEED _____

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 _____
 (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

1. Total Pounds of Feed Used/ animal page 4 or 5	#
2. Total Pounds Gained page 3	#gained
3. Feed Costs/ animal page 4 or 5	\$
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



Feed	Lbs./Bushel
Barley	48
Corn-Ear	70
Corn-Shelled	56
Oats	32
Soybeans	60
Wheat	60

Weight abbreviations

Common Weight Abbreviations

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



TOTAL EXPENSES FOR ONE ANIMAL EXHIBITED AT FAIR

Market Value at first weigh-in (page 2) \$ _____
Plus (+)
Average Feed costs/ animal (page 4 or 5) \$ _____
Plus (+)
Other Expenses (page 7) \$ _____
Equal =
Expense/Animal to Fair \$ _____

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.

Animal sold in the MAS auction, if not choose one brought to fair:

Date	Type of Animal	Ear Tag #	Weight	Price per Pound	Selling Price
				\$	\$ *

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) X

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.

