



**Cascade County  
Livestock Projects**

**4-H Livestock Market  
& Breeding Project  
Animal Record**

**Current Year** \_\_\_\_\_

**Project** \_\_\_\_\_

**Years in Project** \_\_\_\_\_  
(Including this year)

**Age Level** (as of October 1 of current 4-H year)  
(Check one)  
 Junior (8 – 10)  
 Intermediate (11 – 13)  
 Senior (14 and over)

**Project Type**  
(Check one)  
 Breeding  
 Market

**Name:** \_\_\_\_\_ **Project Level:** \_\_\_\_\_ **Year in Level:** \_\_\_\_\_

**Age (as of October 1 of current 4-H year):** \_\_\_\_\_

**4-H Club:** \_\_\_\_\_

*I declare that the information in this book is correct and all 4-H requirements have been completed, to the best of my knowledge.*

**MEMBER'S SIGNATURE:** \_\_\_\_\_

**LEADER'S SIGNATURE:** \_\_\_\_\_

**PARENT'S SIGNATURE:** \_\_\_\_\_



## Cascade County 4-H Livestock Animal Record (Breeding and Market Projects)

### Cascade County 4-H

#### ANIMAL RECORD INFORMATION

This information will help 4-H members enrolled in a livestock project complete their project(s). It guides 4-H members through the process of creating project records that reflect the story of the livestock project.

If 4-H members or parents have any questions about the Animal Records, they are encouraged to contact their club leader, project leader, or the Extension Office for assistance. It would be helpful for each 4-H member to have a 3-ring binder for their Project Book and Animal Records. This would help to keep all important information organized and easily accessible.

The Animal Record packet includes the following pages:

1. One *4-H Livestock Market & Breeding Animal Record* cover (breeding & market)
2. Livestock Animal Record Information (breeding & market)
3. Project Goals – Action Plans (breeding & market)
4. Value/Cost of animals purchased and Feed Expense Sheet (breeding & market)
5. Health Care Expenses (breeding & market)
6. Miscellaneous Expenses (breeding & market) and Sales Record (breeding & market)
7. Income other than Sales (breeding & market) and Production Record (breeding only)
8. Inventory at end of Project (breeding only) and Financial Summary Profit/Loss (breeding & market)
9. Animal Growth Record/Average Daily Gain (market only)
10. Project Journal
11. Project Summary

Remember to keep a copy of your Intent to Enter form with your records; it will come in handy when it is time to fill out County Show Entry Forms.

Remember to pick up a copy of the *Livestock Rule Book* and a copy of the *Preparing for County Livestock Show* booklet. These will be available in January and contain important information.

4-H members may use the printed version of the Animal Record and fill in the forms by hand or an electronic version, please email [wwedum@montana.edu](mailto:wwedum@montana.edu) to request an email version. Please note: The Animal Record is in MS Word 2003 format.

In addition to the forms listed above, you are encouraged to include photographs that document your project. The photos are not required and anyone can take the pictures, but the photos enhance your Records and help tell the story of your learning.

Additionally, before submitting their Livestock Animal Journals for year-end awards, members need to complete the seven required activities and 3-5 learning experiences in the Project Book. The leader/parent must initial and date each of the activities, and the Project Book must be included with the Animal Records when submitted for year-end awards.

4-H members must bring their Animal Record and Project Books to mandatory Interview Judging at the County Show.



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**PROJECT GOALS – ACTION PLAN**

*To be completed at the beginning of the project year*

What do you want to achieve by participating in this 4-H Livestock Project? Answering this question will help you identify your personal goals for this year. Personal goals are statements that say what you want to achieve or what you want to improve. Once you decide on a goal, then you need to plan a “To Do” list to reach that goal. You might think of this “To Do” list as the things you need to do or learn in order to reach your goal.

For example, in a beef project a Junior age 4-H Member might report: Goal 1: Learn to clip and fit a steer for show. To Do list: 1) Learn to operate and maintain a set of clippers, 2) Observe someone who is knowledgeable in clipping and fitting cattle for show, 3) Participate in a jackpot show prior to County Show in order to practice, and 4) Tell my parents that I want to do my own work in preparing my beef project for the show.

Identifying goals and how you are going to reach those goals is important to help you become more skilled and knowledgeable about your project. List the goal(s) for your 4-H project and at least three “To Do” items to help you accomplish each goal. (Junior Members should have at least one goal; Intermediate Members should have at least two goals; Senior Members should have at least three goals.) If you report more than 3 goals, insert additional copies of this page as needed.

**Goal 1:** \_\_\_\_\_  
“To Do” List to reach the goal:

**Goal 2:** \_\_\_\_\_  
“To Do” List to reach the goal:

**Goal 3:** \_\_\_\_\_  
“To Do” List to reach the goal:



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**VALUE/COST OF ANIMALS PURCHASED/LEASED/OWNED**

*Enter the value of animals that you owned prior to beginning this project year or that you purchased or leased for this project*

Date of Purchase Or Lease	Description of Animal at Time of Purchase/Lease <i>(Example: Yearling Red Angus Heifer Branded K/J left hip)</i>	Eartag # Or ID #	Breeder/ Purchased From Whom	Market Value
<b>Total (a):</b>				

**Feed Expenses**

Write the Kind of Feed at the top of the columns in the space provided.  
Use units (pounds, cwt, tons) that are most convenient.

Kind of Feed						
Month	Amount	Cost/Month	Amount	Cost/Month	Amount	Cost/Month
<b>Price/Unit</b>						
<b>Total Cost</b>						
<b>Total (b):</b>						

(Add extra sheet if using more than three feed types)











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**MARKET ANIMAL GROWTH RECORD**  
(Market Projects Only)

*Fill in information on the first table, calculate Average Daily Gain, Feed Conversion, and Feed Cost/Pound of Gain using the formulas as shown in the examples, and then fill in the table on the bottom*

Animal EarTag #	Animal Birth Date	Date Project Started	Starting Weight	Date Project Ended	Ending Weight	Total Weight Gain*	Total Days Fed

**\*Total Weight Gain = Ending Weight minus Starting Weight**

**Average Daily Gain (ADG) =  $\frac{\text{Gain}}{\text{Days on Feed}}$**       *Example:  $\frac{600}{250} = 2.40 \text{ ADG}$*

**Feed Conversion =  $\frac{\text{Total pounds of feed}}{\text{Total weight gain}}$**       *Example:  $\frac{5000}{600} = 8.3 \text{ pounds of feed fed for each pound of gain}$*

**Feed Cost/Pound of Gain =  $\frac{\text{Total Feed Cost}}{\text{Total Weight Gain}}$**       *Ex:  $\frac{450}{600} = .75 \text{ (for each pound of gain, feed cost 75 cents)}$*

Animal Eartag #	Average Daily Gain	Feed Conversion	Feed Cost/Pound of Gain





**PROJECT SUMMARY**

*Write a summary of your Project Goals - Action Plan from page 3 that you identified at the beginning of the project. Did you meet your goals? If you did achieve your goals, how did you accomplish that? If you did not achieve all of your goals, reflect on (write about) what you learned by attempting to achieve them. Perhaps unmet goals are appropriate to use for your project next year.*

**Goal 1:**

**Goal 2:**

**Goal 3:**

**Additional Goals/Comments:**