Project Record Book

Jefferson County-Educational Committee

You and Your Animal's Photo Here

4-H Club: _____

Name: _____

Grade: _____ Years showing (including this year) _____

School Year (as of Jan. 1) _____

Animal Sold in Auction ☐   Non Auction Animal ☐

Member Statement:

I hereby certify that I have personally kept records on this project and have personally completed this record book.

4-H Member's Signature_____Date:_____

Record Approval: The 4-H member has completed this record book to a satisfactory level.

Parent/Guardian Signature: _____

Record Book Expectations, Rules and Guidelines:

- The Project Record Book must be turned in complete.

- Be creative, add to this book (pictures, news clippings, brochures, etc.). You can add any additional pages you like, in any format you chose.

- The Project Record Book should tell the story of your project this year and reflect the cost of your project as well as any income.

    - If you participated in Jefferson County Livestock Sale, complete the financial section fully.

    - If you did not sell an animal in the sale, complete the feed costs and supplemental question for your species.

- Record Books are Due August 30th, 2024.

- Take time to reflect on skills. **Did you learn more about clipping? Managing feed rations? Breeding and Genetics? Livestock Evaluation? Be sure to communicate these skills fully.**

- **Develop goals that are growth focused, and breakdown how you will achieve them**

- **Don't be afraid of setbacks, instead document what you learned from them. What changes could be made? Is there something new you encountered and how did you problem solve.**

- Reminder: All sections must be filled out, including signatures. **If any sections are incomplete or signatures are missing, the book will be considered incomplete.**

Project Goals & Planning

Your goal statements reflect something you aim to accomplish within your Animal Project. You may look at the whole project when considering goals; work to write goals that look at the industry and the product you are looking to produce.

Your goals should reflect something you want to accomplish or learn about. Without goals, it is almost impossible to move forward. Your goals can help measure your increased knowledge and skills about the Livestock industry.

How to Write a Goal:

Goals have four parts that can be measured or checked:

1. **the action:** how you are going to do it;
2. **the result:** what you will do;
3. **the timetable:** when you plan to have it done;
4. **The reason:** why you want to accomplish this goal or what do you want to learn.

For example, "I will train my 4-H market animal to lead before the initial weigh-in for ease of loading and to present my animal in the best condition for county fair."

1. **"I will train"** is the **action** portion of the goal.
2. The **result** – **"my 4-H market animal to lead,"**
3. **"before weigh-in and county fair"** defines the **timetable**.
4. The **reason** – **"for the ease of loading…."**

When writing goals it is also important to analyze the various resources that will be necessary to complete those goals. That is why we ask you to complete a goal table. The goal table allows you to have your goal on one side so that you can easily analyze it to see what you will need to complete that goal. Please see the below goal table for an example.

My goals for this year:	What I need to do to reach this goal:
I will train my 4-H market animal to lead before the initial weigh-in, for ease of load and to present my animal in the best condition for county fair	• A halter • A parent to help me catch my animal at first. • Watch videos on the best practices to halter break my animal. • Attend showmanship workshops to get techniques from professionals.

Goals should evolve with your project

1 to 3 years in the project- showmanship and finishing goals
3 to 5 years- trait selection, improved feeding and fitting goals
5 plus- breeding goals and reflection on your project and the bigger industry

Project Goals & Planning (continued)

Please list at least two goals for your project this year. (Refer to previous page for an example of how to complete the goal table.

My goals for this year:	What I need to accomplish these goals:

Where will you get your project (bred & owned, breeder)? What factors will you consider when selecting your project (breed, age, price, etc.)?

_____
_____
_____
_____
_____
_____

Please list three new skills you gained:

1. _____
2. _____
3. _____

Please in a few sentences describe how you learned these skills:_____
_____
_____
_____
_____
_____
_____

Project Reflection

Please respond to the following questions (additional pages can be added).
Remember a project takes place throughout an entire year, not just your county fair exhibit.
Answer the questions below to tell us more about your project year.

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

   _____
   _____
   _____
   _____

2. Review your goals. Which goals did you accomplish? How?

   _____
   _____
   _____
   _____

3. How well did your timeline to complete the project work? Would you change it?

   _____
   _____
   _____
   _____

4. List one thing that went well with your project. Explain.

   _____
   _____
   _____
   _____
   _____

5. What is one challenge you faced with your project this year?

   _____
   _____
   _____
   _____
   _____
   _____

Financials- Market Animal Value

Please complete the Beginning Animal Inventory for the animal you weigh-in or identified for fair.

	Beginning Animal Inventory				
Animal ID or Ear Tag #	Description (breed, color, etc.)	Male or Female	Date Obtained	Starting Weight (if known)	Animal Value or Purchase Price

Complete the Auction Animal Results for the animal you sold in the auction. If you did not sell in the sale, please complete the feed costs and the financial question for your species.

	Auction Animal Results					
Animal ID Ear Tag #	Final Weight	Market Price (per pound)	Auction Price (per pound)	Total Ending Market Value	Total Ending Value from Auction	Over Market Bonus

> ### *Equations:*
> **Total Ending Market Value**=Final Weight X Market Price.
>
> **Total Ending Value from Sale**= Final Weight X Sale Price.
>
> **Over Market Bonus**= Value from Auction - Ending Market Value

Expenses: Health Treatment Record and Additional Expenses

Please record any treatments that are administered to your animal. Treatments include deworming, vaccinations, vitamin injections, antibiotic treatments, mange/lice treatments, health checkups, or other health treatments.

I did not administer any health treatments to my animal(s): ☐

Date	Description	Cost $
Example: July 1st	*Health Papers for the County Fair*	*$30.00*

Total Health Care Expenses: $

Item	Date	Cost
Bedding		
Equipment (i.e. feeders, gates, pens)		
Grooming Supplies (i.e. clippers, soap)		
Fair Entry Fees		
Trucking Fees		
Merchandising/Advertising		
Other		
Total Additional Expenses:		$

Expenses: Calculating Monthly Feed Costs

Use the next three pages as worksheets to calculate monthly feed costs.

(pounds fed per day and cost of a bag of grain should/can change monthly)

*Beef use December - July

*Swine and sheep use April -July

This information is needed to complete page 8.

December:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X __31__ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

January:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X __31__ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

February:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X __28__ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

8

March:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X 31 _____ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

April:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X 30 _____ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

May:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X 31 _____ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

June:

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X 30 _____ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

July:
(Calculate days from July 1 to end of Fair)

Feed

$ _____ / _____ = $ _____
cost of a bag of feed   lbs in the bag   cost per lb

_____ X _____ = _____
lbs of feed fed per day   days in the month   lbs of feed fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of feed fed per month   monthly grain cost

Hay (please base off of a 36 lb square bale for a guideline)

$ _____ / _____ = $ _____
cost of a bale of hay   lbs per bale   cost per lb

_____ X _____ = _____
lbs of hay fed per day   days in the month   lbs of hay fed per month

$ _____ X _____ = $ _____
cost per lb   lbs of hay fed per month   monthly hay cost

Supplements (examples include Paylean, minerals, pellets, etc.)

$ _____ / _____ = $ _____
cost of package   oz or lb in container   cost per oz or lb

_____ X _____ = _____
oz or lb fed per day   days in the month   oz or lb fed per month

$ _____ X _____ = $ _____
cost per oz or lb   oz or lb fed per month   monthly supplement cost

Transfer monthly cost and amount fed to corresponding columns on page 8 for each month you fed your project.

Total Monthly Feed Record

Use each month that matches your species:

Beef: December- July

Swine/Sheep: April- July

Feed Types	Feed		Hay		Supplements		Totals	
	lbs.	cost	lbs.	cost	lbs.	cost	Monthly lbs.	Total Cost
DEC								
JAN								
FEB								
MARCH								
APRIL								
MAY								
JUNE								
JULY								
TOTALS		$		$		$		$

If you have more than one animal…

If you are feeding multiple animals take the total amounts and divide by the number of animals you are feeding.

Number of animals you are feeding:
_____

Total monthly lbs. for one animal:
_____

Total Cost for one animal:
_____

NOTE: The estimated value of homegrown feed needs to be included.

Project Profit or Loss

INCOME	Market Value*	Auction Value*
Finished Animal Value		
Premiums/Awards		
Other		
Total Income		
EXPENSES		
Purchase Price of Animal (page 3)		
Total Cost of Feed (page 8)		
Total Cost of Hay (page 8)		
Total Cost of Supplements (page 8)		
Health Care Expenses (page 4)		
Additional Expenses (page 4)		
Other		
Total Expenses		
Profit or Loss: (Total Income – Total Expenses)		

*Market Price is the price given per pound at fair x the weight of finished animal at fair.

*Auction Price is the price per pound sold at auction x the weight of finished animal at fair

Project Financial Questions for Non-Market Animals

Choose one of the two questions from the list in your species and respond

Poultry

1- What do you sell day old chicks for? How many chicks would you have to sell to pay for your feed in a year?

2- On average how many eggs do your hens lay a week? How many dozens of eggs would you have to sell to make a profit

Rabbits

1- What is the current price for pet rabbits? How many would you have to sell to cover your feed costs?

2- What is the current market value of rabbit pelts? How many would you have to sell to make a profit this year?

Dairy Goats

1- The current pay price for goat's milk in Wisconsin is about $2.70 per pound of milk. Weigh one milking of your doe, minus the weight of the bucket how much did the milking weigh? What is the value of each day's milking?

2- Ideal market weight for a dairy goat wether is 70 lbs. The USDA grass-fed whole carcass price last month was $6 per pound. What is the live vs carcass weight of a dairy goat wether. How many would you have to sell to pay for your feed in one year?

Breeding Sheep

1- What is the current fleece value of your breed of sheep? How many lbs of wool would you need to sell to break even? Is that possible?

2- Whole lamb to ethnic markets in Milwaukee sell for $350 for a 45lb dressed carcass. The most profitable way to meet this market is processing lambs right at weaning. What are your lambs weaning weights? How many do you need to sell to make a profit?

Ultrasound Animal Data: Information is posted after ultrasound is completed at fair on specie boards in barns

				Steer Carcass Data			
			Please complete this section if your animal's carcass was evaluated. Fill in areas where you received data				
Animal ID	Carcass Weight	Quality Grade	Dressing % *(Carcass wt ÷ Live wt)*	Rib Fat *(inches)*	Rib-eye Area (REA) *(square inches)*	Yield Grade	% Intramuscular Fat

		Swine Carcass Data			
		Please complete this section if your animal's carcass was evaluated. Fill in areas where you received data			
Animal ID	Carcass Weight	Dressing % *(Carcass wt ÷ Live wt)*	Rib Fat 10th Rib *(inches)*	Loin Eye Area	% Fat-Free Lean

		Lamb Carcass Data				
		Please complete this section if your animal's carcass was evaluated. Fill in areas where you received data				
Animal ID	Carcass Weight	Dressing % *(Carcass wt ÷ Live wt)*	Loin Eye Area	Backfat Thickness	Boneless Closely Trimmed Retail Cuts	Yield Grade

		Goat Carcass Data				
		Please complete this section if your animal's carcass was evaluated. Fill in areas where you received data				
Animal ID	Carcass Weight	Dressing % *(Carcass wt ÷ Live wt)*	Loin Eye Area	Backfat Thickness	Boneless Closely Trimmed Retail Cuts	Yield Grade

Record Book Rubric					
Cover page complete with photo	5	4	3	2	1
Goals and Planning	5	4	3	2	1
Creativity	5	4	3	2	1
Use of Media	5	4	3	2	1
Professionalism of Design	5	4	3	2	1
Level of Detail	5	4	3	2	1
New Skills Learned	5	4	3	2	1
Project Reflection	5	4	3	2	1
Neatness	5	4	3	2	1
Overall Effort	5	4	3	2	1

Member Name: _____

Total Score: _____

Comments:

Maximum Score: 50
Minimum Score: 25

Financials Rubric					
Cover Page: complete with photo	5	4	3	2	1
Animal Value, page 3	5	4	3	2	1
Expenses: Health Treatments	5	4	3	2	1
Expenses: Additional Expenses	5	4	3	2	1
Expenses: Page 5-7 used properly	5	4	3	2	1
Expenses: Feed, page 8	5	4	3	2	1
Profit and Loss, page 9	5	4	3	2	1
Records are accurate	5	4	3	2	1
Neatness	5	4	3	2	1
Overall Effort	5	4	3	2	1

Youth Name: _____

Committee Member Name: _____

Total Score: _____

Comments:

Maximum Score: 50
Minimum Score: 25