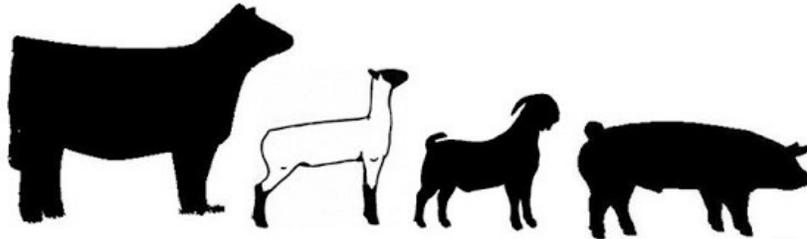




# Senior 4-H Livestock Record Book



## My project is:

- Market Beef       Breeding Heifer       Market Lamb  
 Market Hog       Market Goat

NAME \_\_\_\_\_ AGE as of January 1 \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

COUNTY \_\_\_\_\_ PHONE \_\_\_\_\_

DATE PROJECT BEGAN \_\_\_\_\_ ENDED \_\_\_\_\_

PARTICIPANT'S SIGNATURE \_\_\_\_\_

PARENT'S SIGNATURE \_\_\_\_\_

AGENT'S SIGNATURE \_\_\_\_\_



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## **INSTRUCTIONS FOR SENIOR 4-H LIVESTOCK PARTICIPANTS**

Good records are an essential part of any business. Your livestock project is a business enterprise. A good record will help you plan your project from year to year. It will show areas that need to be improved and items that were done correctly and will show whether you are doing better each year. It helps those who read your record to know your project and club work and see what progress you have made.

This record is designed for members who are 14-18 years old.

1. Only one record book is needed for each project year. Please see the cover of this booklet for project categories.
2. Please submit your record book, with copies of your Thank You notes, in a 3-prong paper or plastic folder.
3. All animals carried in a project should be recorded in this book.
4. You should keep past years' records for a project together. When you enter district or state achievement or record book contests, you will need to refer to your past records. Keep news articles and programs from special events and meetings that concerned you, or you were involved with, and include them in your record book.

Portions of this record are based on a Record Book from Idaho Cooperative Extension Service and Virginia Cooperative Extension. Publication 380-121.

## PLANNING YOUR PROJECT

I plan to have \_\_\_\_ head of \_\_\_\_\_ as my project animals this year.

### FOR MARKET PROJECTS

Animal ID \_\_\_\_: My animals weighed \_\_\_\_\_lbs. when my project started on \_\_\_\_\_(date). My goal is for it to weigh \_\_\_\_\_ lbs. on show day. It will need to gain \_\_\_\_ lbs./day to reach my target weight.

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Animal ID \_\_\_\_: My animals weighed \_\_\_\_\_lbs. when my project started on \_\_\_\_\_(date). My goal is for it to weigh \_\_\_\_\_ lbs. on show day. It will need to gain \_\_\_\_ lbs./day to reach my target weight.

I would like to accomplish the following with my project this year.

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What would you like to learn about livestock this year?

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## FINANCIAL ARRANGEMENT

Planning finances is essential to any business. Livestock producers often must borrow money to purchase livestock or feed. If you must borrow money, the interest charge (cost of using someone else's money) must be recorded as an expense for this project.

Your financial arrangement should be recorded under numbers 1, 2, or 3 below. If you had no interest costs enter "0" in the TOTAL.

1. I had the following agreement with my parents:

\_\_\_\_\_  
\_\_\_\_\_

OR 2. I used my own money:

OR 3. I borrowed \$\_\_\_\_\_ from \_\_\_\_\_ (bank, business, or other sponsor) at \_\_\_\_\_% interest for \_\_\_\_\_ months  $\div$  12 = \$\_\_\_\_\_ interest charge.

## EXPENSE RECORD

A good livestock producer knows what their expenses are so they will know how much money they need to sell their animal for to break even or make a profit. This page is to be used for recording any expenses incurred with your project. Keep track of all feed costs, including pasture rent, bags of feed purchased, minerals, and any other costs.

<b>Forages/Concentrates</b>			
<b>Date</b>	<b>Ex: Pasture, Silage, Hay, Grain, Supplements, Salt, Minerals, etc.</b>	<b>Pounds, Tons, or Acres</b>	<b>Cost</b>
<b>TOTAL FEED COST</b>			\$

Use the bottom table to record other costs associated with producing your animal including, but not limited to, purchase price, halters, and vaccines.

<b>OTHER OPERATING COSTS</b>		
<b>DATE</b>	<b>Purchase Price, Equipment, Medicines, Hauling, etc.</b>	<b>Cost</b>
<b>TOTAL OTHER COSTS</b>		\$

\_\_\_ Total Feed costs + \_\_\_ Total Other Costs = \_\_\_\_\_ **Total Expenses**

## INCOME RECORD

Enter all income from your project under the proper heading. Record the actual market price (for the 4-H show this would be the support price) received.

Animals Sold For						
Date	Slaughter				Breeding	
	# Animals	Weight	Price per lb.	Price Received	# of Animals	Price Received
<b>Totals</b>				\$	<b>Total Head</b>	\$

## ANIMAL HEALTH RECORD

As livestock producers, it is important to raise healthy animals that are safe for the food supply. Medications often have “withdrawal times”, or a minimum amount of time the medication is still in the animals’ body. An animal slaughtered before the withdrawal time is met will have medication in the meat, making it unfit for human consumption. Use this table to record information about the vaccine or medication your animal receives. **This is a health record only.** Expenses for drugs, treatments, and veterinarian services should be included as “Other Operating Costs”.

Date	Tag #	Description of Sickness	Treatment Used	Amount Given	Treatment by Whom	Withdrawal time (days)

## SHOW RECORD

Animal #	Class	Number Animals In Class	Placing

## FINANCIAL SUMMARY

**Income:**

Total income from animals sold. (support price only) \$ \_\_\_\_\_  
**TOTAL INCOME** \$ \_\_\_\_\_

**Expenses:**

Total cost of feed \$ \_\_\_\_\_  
 Total of other operating costs \$ \_\_\_\_\_  
**TOTAL EXPENSES** \$ \_\_\_\_\_

Total Income - **Total** Expenses \$ \_\_\_\_\_  
Profit/Loss

This is the total amount of **profit/loss** (please circle one) you would have made as a real-world livestock producer.

**Other Income:**

Total from Auction \$ \_\_\_\_\_  
 Total from other sources \$ \_\_\_\_\_  
**TOTAL PREMIUMS** \$ \_\_\_\_\_

Total Premiums + Total Income \$ \_\_\_\_\_  
Grand Total Income

Grand Total Income – Total Expenses \$ \_\_\_\_\_  
Loss/gain (circle one)

This is the amount you made as a result of participating in the 4-H Livestock Show and Sale. This is not typical of a livestock animal sale.

## LIVE ANIMAL PERFORMANCE

Official Feed Period								
Animal tag or ID#	Breed	Sex	Date on Feed	Date Off Feed	Total Days on Feed	Initial Weight	Final Weight	Total Weight Gain
<i>EX: M24</i>	<i>Angus</i>	<i>M</i>	<i>11/01/03</i>	<i>06/08/04</i>	<i>220</i>	<i>450</i>	<i>1175</i>	<i>725</i>

## PRODUCTION EFFICIENCY

**Animal ID**

\_\_\_\_\_

**Average Daily Gain:** \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

Total Weight Gained      Days on Feed

**Feed Consumed per pound gained:**

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

Pounds feed consumed      Total Weight Gain

**Feed Cost per pound of gain:**

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

Feed Cost      Total Weight Gain