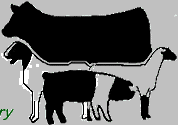


**Senior 4-H Livestock**

 **Record Book**

**My project is (check project taken)**

Beef Sheep Swine Goat

□ Market Beef □ Market Lamb □ Market Hog □ Breeding

□ Breeding Heifer □ Breeding Gilt □ Market

□ Cow-Calf

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



**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.

North Carolina State University and North Carolina A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, or disability. In addition, the two Universities welcome all persons without regard to sexual orientation. North Carolina State University, North Carolina A&T State University, U. S. Department of Agriculture, and local governments cooperating.

**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.

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.

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.

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

**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 ÷ 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.

| Forages/Concentrates | | | |
| --- | --- | --- | --- |
| **Date** | **Ex: Pasture, Silage, Hay, Grain, Supplements, Salt, Minerals, etc.** | **Pounds, Tons, or Acres** | **Cost** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **TOTAL FEED COST** | | | $ |

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

| OTHER OPERATING COSTS | | |
| --- | --- | --- |
| **DATE** | **Purchase Price, Equipment, Medicines, Hauling, etc.** | **Cost** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **TOTAL OTHER COSTS** | | **$** |

\_\_\_\_ 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** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Totals** |  |  |  | **$** | **Total Head** | **$** |

**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** |
| *EX: M24* | *Angus* | *M* | *11/01/03* | *06/08/04* | *220* | *450* | *1175* | *725* |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**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