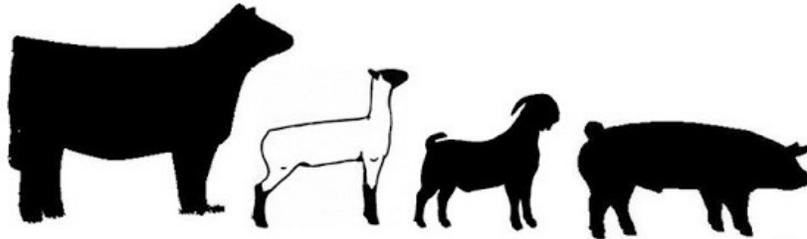




Senior 4-H Livestock Record Book



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 _____



NC State University and N.C. A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, national origin, religion, political beliefs, family and marital status, sex, age, veteran status, sexual identity, genetic information or disability. NC State, N.C. A&T, U.S. Department of Agriculture, and local governments cooperating

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.

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.

What would you like to learn about livestock 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 \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.

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
<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