



# 4-H Market Livestock Project Log

## Why Keep Records?

By keeping records, you will be able to see how much progress you make this year and over the course of your 4-H career as you set goals and work to accomplish them. Good records will:

- Help you learn about animals, their rate of growth, the feed they require, the cost of feed they require, and their habits
- Increase understanding of your project's financial outcome
- Assist you in gathering information to market your animal
- Improve your management practices
- Keep track of your project activities and learning experiences
- Allow you to better plan for future livestock projects

*\*\*This livestock log was created by Tyrrell and Washington County 4-H. References were gathered from West Virginia Extension Livestock Record Guides. \*\**



## Instructions

Submit one completed livestock log for each market animal species (e.g. one for market lamb, one for market goat, etc.).

Your Livestock Log starts with the possession of your project animal(s).

If you have questions or need help with this record guide, please contact your leader, parent/guardian, or county Extension office.

## About You and Your Project

<b>Name:</b>	<b>Age</b> (as of Jan. 1):
<b>Club Name</b> (Optional):	
<b>Project:</b> <input type="checkbox"/> Market Goat <input type="checkbox"/> Market Hog <input type="checkbox"/> Market Lamb <input type="checkbox"/> Beef Heifer	
<b>Is this your first year in this project?</b>	
<b>If not, how many years have you been doing 4-H Livestock Projects?</b>	
<b>Who owns this 4-H animal project?</b> <input type="checkbox"/> I own my animal <input type="checkbox"/> I am borrowing an animal	

I hereby certify that, as the exhibitor of this project, I have personally been responsible for the care of this animal, record keeping, and have completed this livestock log. I am aware that this livestock log may be on display and thus all content will be appropriate for all audiences.	
Youth E-Signature:	Date:
I, the parent/guardian, certify that my son/daughter has completed this project and livestock log and will comply with all rules and regulations. I give permission for this livestock log to be displayed and will ensure that all content is appropriate for all audiences.	
Parent/Guardian E-Signature:	Date:



## Project Information and Goals

Complete this page immediately after the animals arrive on the farm.

Animal ID/Tag #	Breed	Sex	Approximate Date of Birth	Beginning Weight	Date on the Farm

### This Year's Project Goals

**Please explain three goals that you have for your market animal(s) project.**  
 Begin by asking yourself, "What do I want to accomplish this year by taking this project?"  
 Once you decide on your goals, then plan a to-do list.

Example: I want to learn to trim the hooves of my goat OR I want to improve my showmanship skills

1.

2.

3.

**Please list three potential buyers you plan to approach this year:**

1.

2.

3.

**Please list three marketing strategies you plan to use this year:**

1.

2.

3.



## Expense Ledger

Start your records as soon as your animal is purchased or when you start feeding your project animal(s). Record expenses as they occur. List the amount of each purchase in one of the last four columns of the following table. Add extra pages if necessary. The feed should include grains, supplements, mixes, hay, silage, etc. The estimated value of homegrown feed and pasture needs to be included. Health should include vaccines, dewormers, treatments, veterinary charges, etc. Don't forget to include bedding, consignment fees, trucking/transportation, clipping/shearing fees, interest, advertising/marketing costs, sales commission, and buyer recognition.

Date	Description	Feed	Health	Equipment	Misc.
Ex. 5/11	50 lbs. of heifer feed	\$9.42			
	Balance to carry forward to the top of the next page.				



**Expense Ledger (cont.)**

Date	Description	Feed	Health	Equipment	Misc.
	Balance carried forward from the previous page.				
<b>Expense Totals (by category)</b>					



## Animal Health Log

Date	Condition/Problem	Treatment or Vaccine	Route (IM, SQ, Pour-on, etc.)	Withdrawal Time

**\*\*IM=Intramuscular**

**\*\*SQ=Subcutaneous**

## Market Animal Performance

Weights for large animals (beef, hogs, lambs, goats) can be determined by weigh tape, scale at home, pre-show weigh-ins, or final show weights.

### Average Daily Gain

Average Daily Gain (ADG) is an important measure of animal performance. To calculate ADG for each of your project animals, use the information in the following table:

$ADG = \text{Total Gain} \div (\text{Days on Feed})$

Approximate Beginning Weight	Date of Beginning Weight	Final Weight	Date of Final Weight	Days on Feed	Total Gain	Average Daily Gain (ADG)



## Financial Summary

Income	
Price Received from the show	\$
Price Received from the market (if applicable)	\$
<b>TOTAL INCOME</b>	<b>\$</b>
Expenses	
Cost or value of project animal	\$
Feed	\$
Health	\$
Equipment	\$
Miscellaneous	\$
<b>TOTAL EXPENSE</b>	<b>\$</b>
<b>PROFIT/LOSS</b> (Total Income minus Total Expense)	

### Calculate Your Breakeven Price

Breakeven price is an important measure for anyone who wants to sell livestock for a living. Breakeven price is the price per pound needed to cover your expenses.

Total Expenses		Final Weight of Animal		Breakeven Price
\$	÷		=	\$



## Project Reflection - Junior (Ages 8-12)

1. What did you learn during the project year?
  - a.
2. What did you feed your animal and why?
  - a.
3. What did you do to help keep your animal healthy?
  - a.
4. Explain how you trained and prepared your animal for the show:
  - a.
5. What did you do to help market your animal?
  - a.
6. List two people who have helped you be successful in your project and how?
  - a.
  - b.
7. List one thing that went well and one thing that you could improve on in the future:
  - a.
  - b.
8. Looking forward, what would you like to learn more about?
  - a.





## Project Reflection - Senior (Ages 13-18)

1. What did you learn during your project this year?
  - a.
2. What did you feed your animal and why?
  - a.
3. What was one supplement you fed your animal and why?
  - a.
4. What strategies did you implement to improve your animal's health and well-being?
  - a.
5. Explain how you trained and prepared your animal for the show:
  - a.
6. What did you do to help market your animal?
  - a.
7. List two people who have helped you be successful in your project and how?
  - a.
  - b.
8. What have you done to help other members be successful in this project?
  - a.
9. Describe three benefits of participating in youth livestock projects:
  - a.
  - b.
  - c.
10. Looking forward, what would you like to learn more about?
  - a.