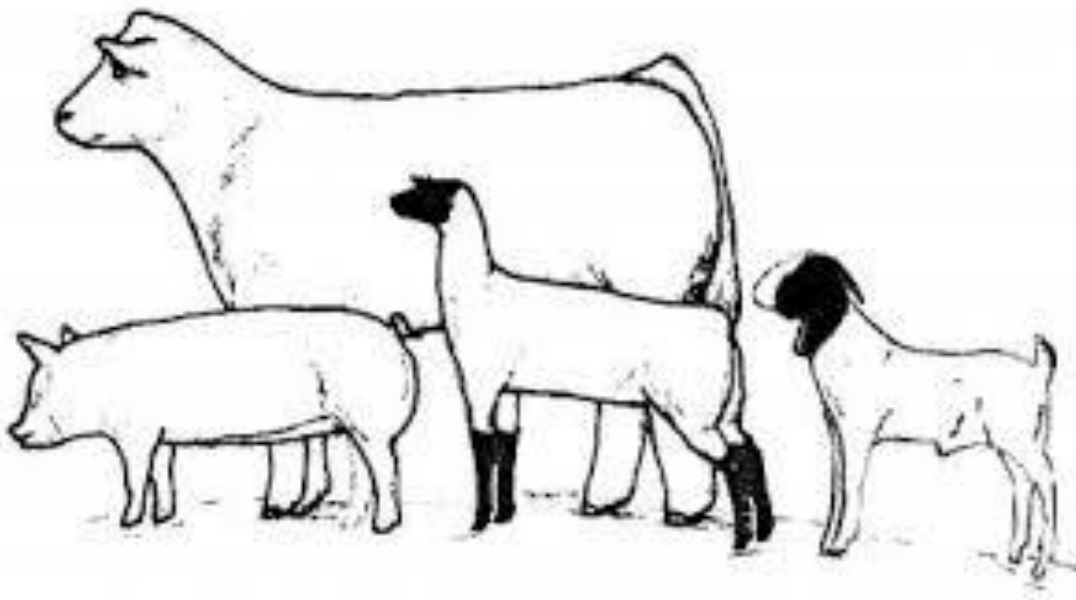


# Washtenaw County Junior (9-13) Market Livestock Project Record Book Beef, Lamb, Hog, and Goat



Name

4-H Club

Age as of January 1

Years in 4-H

Project

Member Signature

Parent/Guardian Signature

## **Objectives for the 4-H Market Livestock Project**

- To develop leadership, initiative, self-reliance, and sportsmanship
- To learn safety precautions to prevent injuries to yourself, to others, and to your animal
- To learn how to care for, feed, manage, and maintain the health of your animal
- To learn how to keep track of your project through proper record keeping
- To further cultivate livestock handling skills
- To have fun!

## **Why do we keep records?**

- To keep track on income and expenses
- To keep track of the animal's health and wellness
- To know what supplies, feed, and other items are on hand (inventory)
- To better identify strengths and weaknesses
- To help with communication and writing skills
- To help with critical thinking and decision making skills

## **In this record book you will:**

- Record income and expenses derived from this project
- Figure cost of feed
- Record animal health actions
- Conduct an inventory of supplies on hand or purchased
- Record general 4-H related activities
- Answer questions related to your project and share more about your project
- Include some pictures to capture your year with your project

## **Let's get started!**

## Project Plans and Goals

Goals will help you to learn more about your project and yourself. It is important to set reachable goals and for you to think about how you can accomplish them. Answer these questions below about your livestock project and about some goals that you have set for yourself and your project.

How many animals (of this particular specie) to you plan to have as a project?	
What breed of animal will you have?	
When you choose your animals, what qualities do you look for?	
What is one skill you hope to better develop or learn more about this year? (Ex. showmanship, bracing, exercise program, etc.)	
What are three goals you have for this year with your market livestock project?	1.  2.  3.
What are some ways that you can accomplish these goals?	1.  2.  3.

## Livestock Identification

Description of livestock being used in the project.

Animal ID (Fair Tag)	
Other ID (tattoo, scrapies tag, RFID, etc)	
Estimated Date of Birth	
Date of ownership/purchase	
Beginning Weight	
Ending Weight	
Estimated Beginning Value	
Did you purchase your project animal?	
Was your project animal bred & owned from an animal on your family's farm?	
Other (please explain)	

Animal ID (Fair Tag)	
Other ID (tattoo, scrapies tag, RFID, etc)	
Estimated Date of Birth	
Date of ownership/purchase	
Beginning Weight	
Ending Weight	
Estimated Beginning Value	
Did you purchase your project animal?	
Was your project animal bred & owned from an animal on your family's farm?	
Other (please explain)	



## Operating Expenses

### Animals

Date	Animal	Quantity	Total Cost
Transfer Total Cost to Number 2 on Page 6		Total Cost	\$

### Equipment \*(Divide purchase price by the number of years the item is expected to last to get your total cost)

Date	Item	Purchase Price	Expected to last how many years?	Total Cost
3/27/2017	Premier 4000c Clippers	\$323.00	5	\$64.60
Transfer Total Cost to Number 3 on Page 6			Total Cost	\$

### Health Care

Date	Item	Quantity	Total Cost
Transfer Total Cost to Number 4 on Page 6		Total Cost	

### Miscellaneous

Date	Item	Quantity	Total Cost
Transfer Total Cost to Number 5 on Page 6		Total Cost	

# Financial Summary

## Receipts and Income

Date	Animals/Products Sold or Value	Amount Received/Value
	Total	\$

## Expenses

Obtain from Expenses Pages 3-6

Item #	Expense	Amount
1	Feed	
2	Animals	
3	Equipment	
4	Health Care	
5	Miscellaneous	
	Total	\$

Total Income \$

Total Expenses \$

Profit/Loss \$  
Total Income - Total Expenses

## Growing/Finishing Record

Start Of Project			Middle		End of Project				
Animal ID	Date	Beginning Weight	Date	Weight	Date	Ending Weight	Total Gain	Total Days on Feed	Avg. Daily Gain

\* Calculate ADG by dividing Total Gain by Total Days on Feed

<i>Total Weight Gain (All Animals)</i>	÷	<i>Total Days on Feed</i>	÷	<i>Number of Animals</i>	=	<i>Average Daily Gain (All Animals)</i>

<i>Total Value of Feed (pg. 4, All Animals)</i>	÷	<i>Total lbs Gained (All Animals)</i>	=	<i>Cost Per Gain (All Animals)</i>

<i>Total Amount of Feed Fed (pg. 4)</i>	÷	<i>Total Weight Gain</i>	=	<i>Feed Efficiency (Feed fed per lbs. of Gain)</i>



# Health Record

Record all health care for your animal(s). This could include worming, vaccinations, injury, , physical exams, etc.

Treatment Date	Animal ID	Condition Treated For	Estimated Weight	Treatment Given (Medication Dispensed, Amount & Route)	Instructed Milk/Meat Withdrawal	Date Withdrawal Complete	Results (if any)	Administered By
4/27/2017	201	Internal Parasites	100 lbs	Ivermectin, 3 cc, oral	7 days	5/4/2017	N/A	Dr. Smith

# Involvement Record

## Yearly Responsibilities

Club Office Held	
Committee(s) served on & Position	

## Involvement and Leadership

	Club/Community	County	State	Regional	National
Exhibit					
Camp					
Field Day					
Demonstration					
Judging					
Project Tour					
Achievement Program					
Jr. Leadership Training					
Project Workshop					
Other					

Choose one of the activities listed above and give details about your participation and what you gained from the experience.

# Project Reflection

1. What do you consider most successful about your project this year?

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2. What did you enjoy most about your project?

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3. What did you learn from your project?

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4. Did you have any problems? What were they?

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5. If you were to repeat this project what would you do differently?

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## **Photos**

Include no more than 4 pictures of you and your project with the date and a descriptive caption.