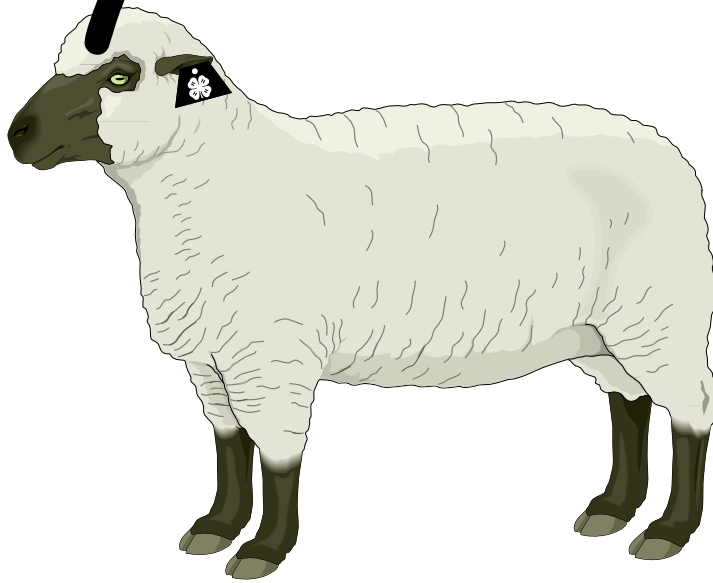


Bay County



Market Sheep Project Record Book

12-15 Years Old

Name: _____

4-H Club: _____

Leader: _____

Age (as of 12/31): _____ Number of Years Showing Sheep: _____

Record Started: _____ Record Closed: _____
Month/Day/Year Month/Day/Year

Revised 01/2008

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**MICHIGAN STATE
UNIVERSITY
EXTENSION**



The 4-H Pledge

I pledge...

My HEAD to clearer thinking,
My HEART to greater loyalty,
My HANDS to larger service, and
My HEALTH to better living,
For my club, my community, my coun-
try, and my world.

The 4-H Motto

“To make the best better.”



About My 4-H Club

My 4-H Club Information

Club Name _____

Club Leader(s)

Club Officers

President _____

Vice President _____

Secretary _____

Treasurer _____

Historian _____

Other _____





Why Keep Records?

Keeping records on your project can be interesting and fun - not dull or boring.



Good Records will:

Keep this record as part of your personal 4-H Records. This information is helpful for

- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed and their habits.
- Help you plan future projects.
- Let you know if you made or lost money - and how much.
- Improve your management practices.
- Give you a record of your project activities.

you to plan future year's market projects as well as, if you ever apply for 4-H awards or a 4-H scholarship.

Remember - Records are no better than what YOU put into them!

Leader's Comments:

Leader's Signature: _____

Objectives:

To let 4-H Members:

- Experience the obligation and responsibility required in a livestock enterprise.
- Experience and cope with the "values" and "attitudes" of responsibility, in a relatively unsupervised environment. Supervision will be on a periodic basis.
- Contribute to the family table with meat, or to experience the marketing process and system, through sale of the product.
- Experience competition through showing the animal at local area organization sponsored shows, the fair, and state wide shows.

MUS Extension—Bay County
 515 Center Avenue
 Suite 301
 Bay City, MI 48708
 (898) 895-4025





Bay County 4-H Sheep Program

Member's Achievement Summary

20____

Your Name: _____

School Attending: _____ Grade: _____

Have you participated in sheep projects outside of the county? Yes No

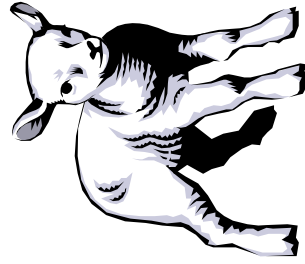
If Yes, list the activities and the number of years in each: _____

List some of the Sheep project activities you would like to participate in (outside of the fair) such as trips, shows, clinics/workshops, posters/projects, demonstrations, quiz bowl and judging team and WHY:

What do you want to improve this year in your sheep project?



My Market Sheep Project Animal(s)



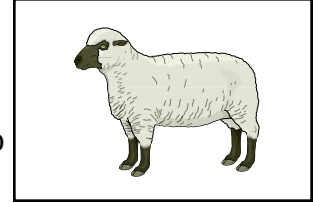
Sheep Number	Name	Breed(s)	Purchased (P) Or Raised (R) Price/Value	Sex	Beginning Weight		Finished Weight	
					Date	Method	Date	Method

The method of weight is asking how you measured your animal's weight. There are many ways to weigh your market animal. If the young animal is light enough, you can use your own home scale – Just weigh yourself holding the animal and without the animal. Subtract the difference and you will have your animal's weight. Other methods of recording a weight for your market lamb are a traditional livestock scale. Close approximations with tools such as a weight tape are also methods of measuring a weight. Be sure to describe your method of measurement on this worksheet.

Beginning weight is done at Spring weigh-in and Final weight is at the Ionia Free Fair weigh-in.

My 4-H Sheep Project Photographs

Be creative. The more photographs the better, but a completed record book should at least have a beginning photograph and a finished picture. You are encouraged to be in the photo with your project animal(s) and include more photographs. You should also include captions on your pictures that at least include the date of the photograph. You may use additional pages.



My 4-H Sheep Project Feed Record and Expenses

In this section, you will calculate your cost to feed your market lambs. Record by months amounts of feed purchased, weighed out or fed during each month. For grain minerals, record the amount and cost of grain, amount and cost of minerals including commercial mixture (protein, mineral, salt, etc.) Brand names do not matter but content and cost do. Home grown feed should be listed by fair market value. To simplify this chart, you do not have to weigh your feed every feeding. Averages are ok and encouraged. This report should be for the animals that you are planning to take to the fair. If you are feeding more animals than your market sheep, simply find the average price per lamb and multiply the average by the number of animals that you are exhibiting at the fair.

Feed Type	May	June	July	Total
Type of Grain:				
Number of lbs. used:				
Cost per lb:				
Monthly Cost:				
Type of Concentrates:				
Number of lbs. used:				
Cost per lb:				
Monthly Cost				
Type of Minerals:				
Number of lbs. used:				
Cost of Feed per lb				
Monthly Cost				
Type of Hay (Grass/Alfalfa):				
Number of bales fed:				
Cost per bale:				
Monthly cost:				
Monthly Feed Totals Find the sum of your monthly costs				<u>Total Feed Cost</u>

Monthly cost (feed) = Cost of the feed (per lb.) X lbs. used

Monthly cost (hay) = number of bales fed X cost per bale (market price)

My 4-H Sheep Project Feed Ingredients

Attach a Feed Ingredients Slip/Nutritional Analysis from each of your feed sources. If the feed is mixed in a mill, ask the mill operator for a list of ingredients. If a slip is not available, please describe your feed sources as best as possible.

A large rectangular box with a yellow pushpin icon in the top-left corner and a folded paper effect in the top-right corner. The text "Attach Feed Slip Here" is written diagonally across the box in a light gray font.

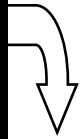


My 4-H Sheep Project Expenses on Project Animal

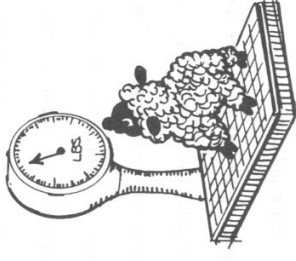
In this section, you will calculate your cost to prepare your market sheep project for the fair and auction. Please feel free to include attachments of actual expenses with your record book.

Expense Items	May	June	July	Project Totals (\$)
Monthly Feed Totals (From page 8)				
Veterinary Charge				
Bedding				
Insecticides				
Fitting and Showing Supplies				
Trucking				
Marketing of Animal (Buyer letters, goodies, postage, ads, mileage, ect)				
Miscellaneous				
Monthly Totals				

TOTAL EXPENSES FOR THIS ANIMAL



My 4-H Sheep Project Weight Record



A	Total Number of Sheep in Record									
B	Total Feed Cost (from pg. 6) - For All Animals									
C	Average Feed Cost per Animal ($C = B/A$)									
D	Total Sheep Expenses (From pg. 8) - For All Animals									
E	Average Total Expenses per Animal ($E = D/A$)									
F	G	H	I	J	K	L	M	N		
Ear Tag Number	Starting Weight (lbs.)	Date of Starting Weight	Finished Weight (lbs.)	Date of Finished Weight	Weight Gained (lbs.)	Days on Feed $L = \# \text{ of Days from H to J}$	Average Daily Gain (lbs./day) $M = K/L$	Cost Per Pound of Gain (\$/lb.) $N = C/K$		



Your Market Sheep Project Break Even Price

4-H animals are sold by the pound at our 4-H Livestock Auction. Find out what bid price (per lb.) you need to get at the 4-H Livestock Sale to **break even** on your 4-H Market Sheep Project.

	A	B	C	D	E	F
	Ear Tag Number	Average Total Expenses per Market Animal (from pg. 9, E)	Purchase Price/Value (from pg. 4)	Total Animal Expense $D = B + C$	Finished Weight (from pg. 4)	Break Even Price/Pound $F = D/E$ (\$/lb.)
Sale Animal #1		Note: This number is the same for each lamb.				
Sale Animal #2						
Other						

What is the current market price of sheep (per lb.)?

\$ _____

If you took your project lambs to a local sale barn, would your project be profitable? Why or why not? _____

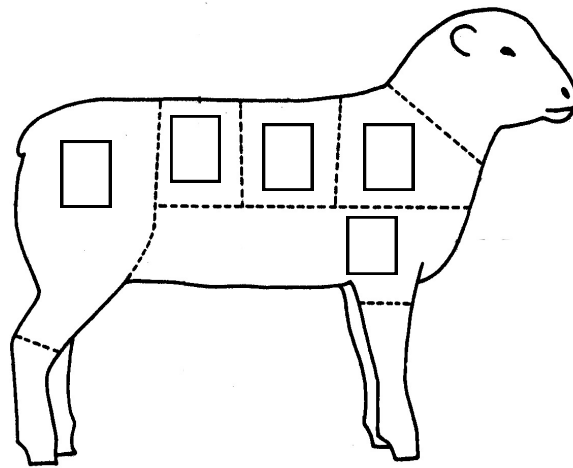
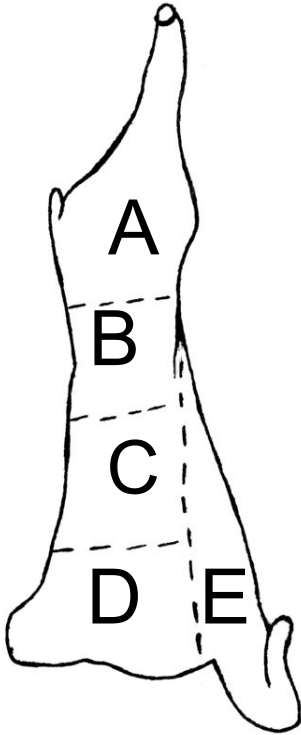
What does your Average Daily Gain (pg. 9, M) tell you about your market lamb?

Sheep producers must try to reduce their Cost Per Pound of Gain (pg. 9, N) while maintaining a proper Average Daily Gain. What are some ways that you can reduce your cost per pound of gain and maintain or increase your average daily gain?

Know Your Cuts of Meat

List the cuts of a sheep carcass from the diagram and match the numbers to the photo below:

- ___ Breast
- ___ Leg
- ___ Loin
- ___ Rack
- ___ Shoulder



Of the five wholesale cuts of meat listed above, which two cuts are the most valuable?

What is your favorite food from lamb ?

Which wholesale cut (one of the five listed above) does your favorite come from?

Extra Credit for My Market Sheep Project

An outstanding 4-H project is one that goes above and beyond what is expected. This section will help you identify projects that you can do to improve your market record book and have a better chance at receiving an outstanding ribbon.

Write a report on *one* of the following topics. Report must be at least one page:

- **LEADERSHIP:** How you have become a better leader though your years in the 4-H Sheep Project. Describe what you have done and how you have grown.
- **ANIMAL OR VETERINARY SCIENCE:** Describe the proper care and nutrition of your market animal **OR** a veterinary practice, procedure in sheep. Other sheep topics may be used for your report.

PHOTOGRAPHY REPORT. All photos are to be taken by the exhibitor (you). Choose *one* of the following topics:

- **My Sheep Project:** Keep a photo journal of your market sheep project. Photographs should represent the entire length of the project. A minimum of 12 photos from eight DIFFERENT TIMES must be included. Photos do not all have to be of the animal. They could be of club meetings, field trips, shows, etc.
- **Farm Visit:** Create a photo journal of a large sheep operation. A minimum of 12 photographs are required.

ENVIRONMENTAL SCIENCE: Draw a diagram of your sheep set up. From that diagram, show how you can protect resources such as Groundwater. Include manure management and storage of hazardous materials. Check with MSU Extension's Groundwater resources for more information.

FOODS & NUTRITION: Outline the nutritional content of Sheep (it varies depending on the cut.) Include sample recipes of "healthy" sheep foods.

CLOTHING/TEXTILES: Create a display that shows wool production from the raw farm product to the shelves in a store **OR** Display a sewing project from wool.

12 - 15 4-H Sheep Record Book Score Sheet



<i>Page</i>	<i>NAME:</i>	<i>Points Possible</i>	<i>Your Points</i>
1 - 4	<i>COVER SHEET & WHY KEEP RECORDS</i>	10	
	All information is completed and has Leader's Signature.		
5	<i>MEMBER ACHIEVEMENT SUMMARY</i>	10	
	All Information is neat and complete. All questions are answered.		
6	<i>4-H SHEEP PROJECT ANIMALS</i>	10	
	Information complete on <i>PRIMARY</i> animal. All weights/ prices recorded.		
7	<i>4-H PROJECT PHOTOGRAPHS</i>	10	
	A beginning and finished photograph is included.		
8	<i>MONTHLY FEED COSTS</i>	10	
	Table completed & totals tabulated.		
9	<i>FEED INGREDIENTS</i>	10	
	Feed slip attached <u>OR</u> the ingredients are listed		
10	<i>PROJECT EXPENSES</i>	10	
	Table completed and total expenses calculated.		
11	<i>WEIGHT RECORD</i>	10	
	Calculations are completed and questions answered.		
12	<i>MARKET SHEEP BREAK EVEN PRICE</i>	10	
	Calculations completed and questions completed.		
13	<i>KNOW YOUR CUTS OF MEAT</i>	10	
	Worksheet completed.		
14	<i>EXTRA CREDIT: A Project from pg. 13 (or another worthy project.) Points are at Judge's discretion.</i>		
	<i>TOTAL POINTS</i> A: 80 – 100, B: 60 – 79, C: 10 – 59		