

OCEANA COUNTY 4-H MARKET LIVESTOCK
EDUCATIONAL NOTEBOOK/RECORD

LAMB PROJECT - 2017

AGES 12-14



As a member of the 4-H Market Livestock Lamb project you are required to submit your records as part of an educational project notebook in order to sell your animal at the 4-H Market Livestock Sale. **This notebook must be shown to the Oceana County 4-H Market Livestock Committee's Weighmaster at the time of weigh-in and then entered by you in the Educational Notebook Division of the Oceana County Fair on Entry day.**

AGE: _____

Remember: The age you enter depends on how old you are or will be on Jan. 1, 2017

Number of years in project: _____

If you are a little buddy who is your big buddy: _____

Use this sheet as the first page of your project record book. Fill it out completely.
Please print or type neatly.

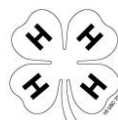
NAME _____

DATE OF BIRTH _____ GRADE _____
Month Day Year

4-H CLUB _____

BREED _____ LAMB'S NAME _____

LOCATION WHERE ANIMAL IS RAISED _____



JUDGE'S SCORE/COMMENT SHEET

(PLEASE DO NOT REMOVE, PLACE THIS SHEET IN SHEET PROTECTOR OR GLUE TO COVER). This sheet must be kept free for the judge to write their comments.

This sheet should help each 4-H'er understand their ribbon placing.

A. **Specific educational value or worth**

- All questions were answered completely
- All calculations were correct
- Calculations were incorrect
- Questions were not completely answered
- Questions were not answered (missed questions)

B. **Notebook contains all project records**

- Notebook contained all project records and were fully completed
- Notebook contained additional project related information (research materials etc.)
- Project records were incomplete
- There was no additional project related information

C. **Accuracy, neatness and general appearance**

- Notebook was neat in appearance (typed/hand printed)
- Notebook pages were clean and stain free
- Notebook pages were in order and complete
- Notebook pages were out of order and missing pages
- Notebook was difficult to read and messy
- Notebook had wrinkled and stained pages

Other Comments: _____

4-H MARKET LIVESTOCK LAMB NOTEBOOK- 2017
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TABLE OF CONTENTS

Please keep your notebook in Table of Contents order.

- 1) GENERAL GUIDELINE INFORMATION
- 2) JOURNAL OF CARE
- 3) PROJECT INFORMATION
- 4) SPECIFIC EDUCATIONAL PROJECT KNOWLEDGE
 - a) Diseases- Matching
 - b) Breed - Matching
 - c) Lamb Facts- Multiple Choice
 - d) Parts of a Lamb
 - e) By-Products- Word Search
- 5) MY PROJECT INFORMATION
 - a) Your Project
 - b) 4-H Info & Activities
 - c) My 4-H Story
- 6) BUYERS NAMES
- 7) PICTURES OF YOUR PROJECT (1 page)
- 8) NON-CLUB/CLUB POINTS SHEETS

APPENDIXES (OPTIONAL):

- A. PICTURES OF YOUR PROJECT (additional pictures)
- B. FEED INFORMATION (example: feed labels etc.)
- C. ADDITIONAL INFORMATION ABOUT YOUR PROJECT
 - a. Information you found in reference materials
 - b. Information you located off the internet
 - c. Information gathered from your feed representative
 - d. Any other information

** Include notes as to why you researched this information and found it Valuable, link it to your project if possible.*

This record is part of your 4-H Market Lamb Project work. By keeping records up-to-date you will be able to see how much progress you make as you set goals and work to accomplish them. Write neatly and clearly. Feel free to add extra pages.

PROJECT PICTURES

Pictures are a required part of this notebook. Taking pictures of your project animal throughout the project will indicate how your animal has grown and developed. Add pictures to your notebook on a separate piece of paper.

SCORING CRITERIA

The following breakdown will be used during the judging process of all market livestock notebooks.

A. Specific educational value or worth	30%
B. Creative way of showing what has been learned	10%
C. Notebook contains all project records	50%
D. Accuracy, neatness and general appearance	10%

The Oceana County 4-H Market Livestock Committee encourages 4-H Leader and parent assistance with your project and project notebook. If you should have any questions, please contact the MSU Extension Office.

Note: Reference materials used for the specific project knowledge include:

- a. 4-H Market Livestock Lamb Project Rules
- b. Your Sheep – A Kid's Guide to Raising and Showing
- c. 4-H Skills for Life Animal Science Series – Lambs 1, 2 & 3
(All swine leaders have a copy and copy available on check-out system at MSU Extension)
- d. Kansas State 4-H Online
- e. Lamb Resource Book (The Ohio State University 4-H)

JOURNAL OF ANIMAL CARE

The 4-H Market Livestock Committee is **requiring all** 4-H Market Livestock members to complete the “Journal of Care”, so the judge may see the time, effort and care you have put into learning about your animal.

** It will be assumed that you walked & fed your animal, but what additional things have you done such as; *washed, clipped, trimmed, foot care, health practices, medicines, general maintenance (cleaning living area & feed pans), halter breaking, training, had vaccinated, etc.* **

APRIL:

MAY:

JUNE:

**JOURNAL OF ANIMAL CARE
(cont.)**

JULY:

AUGUST:

If not housed at your home, have the property owner sign. If housed at your home, please have your parent sign.

I, _____, do attest and certify that this 4-Her has
(property owner name (

cared for this animal in a responsible manner while housed on my property. I also understand that integrity and responsibility are important to this 4-H experience.

Signature of Property Owner or Parent
If housed on own property

Date

PROJECT INFORMATION

The start of the project will be the date the 4-Her placed the animal on feed, not any later than June 1st of the current year. The end of the project will be weigh-in day at the Fair.

Project Start Date _____ Project End Date _____

What month was your lamb born? _____

Please complete the following chart about your project.

4-H Ear Tag Number	Breed	Gender	Date of Purchase	Price or value	Estimated Starting Weight	Ending/Final Weight (FW)	Total Pounds Gained

Note: Total pounds gained = ending weight – starting weight

MONTHLY FEED RECORD & EXPENSES

Month	Type of feed used- (grain, roughage, etc.)	Supplements (if any used)	Amount (indicate lbs., bales etc.)	Cost of feed used for the month
April				
May				

MONTHLY FEED RECORD & EXPENSES (cont.)

Month	Type of feed used- (grain, roughage, etc.)	Supplements (if any used)	Amount (indicate lbs., bales etc.)	Cost of feed used for the month
June				
July				
August				

Total Feed Costs for Project \$ _____



PROJECT EFFICIENCY INFORMATION

(using figures from page 4,5 and 6)

Value of Animal at Time of Purchase = _____

$$\frac{\text{Total lbs. of Gain}}{\text{Days on Feed}} = \frac{\text{Average Daily Rate of Gain}}{\text{(from page 4)}}$$

$$\frac{\text{Total Feed Cost}}{\text{Total lbs. of gain}} = \text{Feed Cost per lbs. of Gain}$$

$$\frac{\text{Total lbs. of feed fed}}{\text{Total lbs. of gain}} = \text{Lbs. of Feed Fed per lb. of Gain}$$

$$\text{Total Feed Expense} + \text{Cost of Animal} + \text{Other Expenses} = \text{Total Project Expense (TE)}$$

Lambs are sold by the pound at a Large Animal Sale Auction. Find out what bid price (per lb.) you need to get at the Large Market auction to **breakeven (BE)** on your market lamb project.

$$\frac{\text{Total Expenses (TE)}}{\text{Final Weight (FW)}} = \text{Break Even Price (BE)}$$

(or total cost per lb. to raise your animal)

What is the current selling price of lamb (per lb.)? _____

Where did you find the current selling price? _____
 (if your source was a person, ask them where they got this information)

Would you have been able to make a profit selling on the open market? _____

Why or why not? _____

PROJECT KNOWLEDGE

MARKETING

One of the most important parts of any market animal project is marketing. This includes writing a letter, talking to buyers and making sure you thank your previous buyers in a timely fashion.

- What did you do to market your animal this year?
- If you have participated in a market livestock project before what did you do differently in marketing your animal this year?

MATCH THE LAMB DISEASES TO THEIR SYMPTOMS

_____ Abscesses in the liver & leg joints. Lameness in the affected joint that will be hot, swollen & painful. Bacteria enter via the umbilical cord.

_____ Diarrhea (loose stool) leading to dehydration.

_____ Lambs become lethargic, have a high fever & may have labored breathing & a nasal discharge.

_____ A fatal disease affecting lambs that have been docked or castrated, especially with elastrator bands.

_____ A widespread disease in sheep. Affected animals stand with their backs arched & strain to pass urine. The animal may kick at the belly, prefer to lie down & appear dull and uninterested in feed or water.

_____ This has become a problem in recent years. This disease in lambs may first appear as 1 to 1 ½ inch circular patches of crusted wool or hair. Numerous patches may develop which grow longer and merge with others to produce large areas of raw seeping skin.

_____ Known as the “overeating disease” this disease is a common cause of death in lambs at any age.

- A. Club Lamb Fungus
- B. Navel Ill (joint ill)
- C. Scours
- D. Tetanus
- E. Urinary Calculi
- F. Pneumonia
- G. Enterotoxemia

BREED MATCHUP -

(unscramble the breeds & then draw a line to the correct description)

E T R D O S

White faced and legs. English breed. Small to medium in size. Polled with long wool.

O U B A C L M I

Large framed, white faced, dual-purpose breed Originating in the US. Produce heavy lambs & heavy dense fleece. Polled.

M O N E Y R

Large framed, fast growing, black face, and legs, polled. Has the most number of purebred registrations in the US. Known for its meatiness & high carcass quality.

A M P R E I H S H

(Horned or polled) white faced, meat breed known for out-of-season breeding.

F K F O U S L

Large framed, meat breed with wool cap and wool on legs. Partially closed face. Black face & legs. Polled.

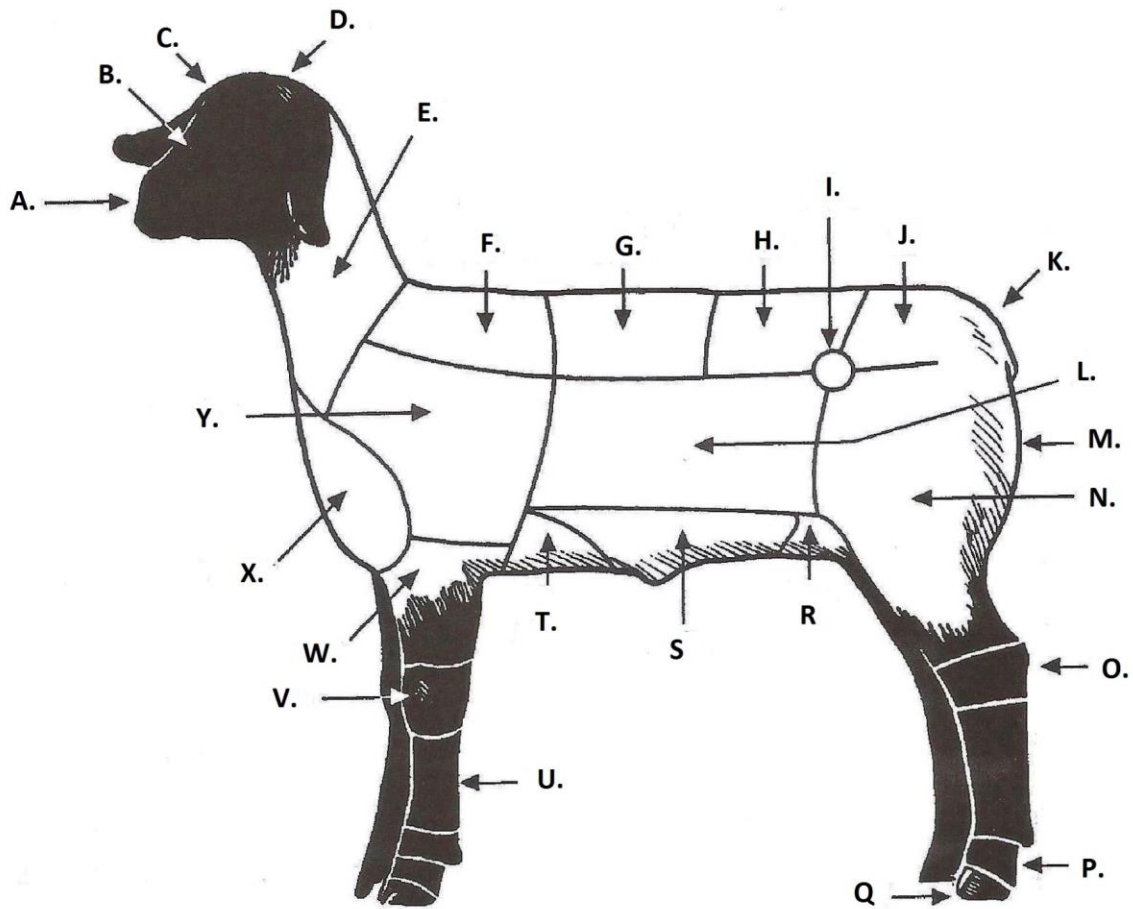
P P A O Y L Y

Medium to large in size, has a dark brown to grey face and is polled. They have a wool cap, and wool on the ears & legs. Good milkers with a fast growth rate.

D R O O X F

Developed in the US at the Sheep Experiment Station. This breed is medium-sized, white-faced, prolific and breeds out of season.

PARTS OF THE LAMB IDENTIFICATION



This material is based upon work supported by Extension Service, United States Department of Agriculture, under special project number 93-EFSQ-4096.

LEARNING LABORATORY KIT *Product distribution through Ohio Agricultural Curriculum Materials Service*

- | | | | |
|-------------------------|------------------|---------------|--------------------|
| _____ Back/or Rack | _____ Forearm | _____ Knee | _____ Poll |
| _____ Belly | _____ Fore Flank | _____ Leg | _____ Rear Flank |
| _____ Breast/or Brisket | _____ Forehead | _____ Loin | _____ Rump |
| _____ Cannon | _____ Hips | _____ Middle | _____ Shoulder |
| _____ Dock | _____ Hock | _____ Muzzle | _____ Top Shoulder |
| _____ Face | _____ Hoof | _____ Neck | _____ Twist |
| | | _____ Pastern | |

Lamb Facts ~ Multiple Choice

Circle the correct answer.

1. Showmanship classes are judging classes for?
 - a. The animal
 - b. The exhibitor handling the animal
 - c. The animal in the pen
 - d. The club's decorations

2. A parasite is?
 - a. An organism that lives on another organism
 - b. A shot given to healthy sheep that prevents a disease
 - c. A virus that affects sheep
 - d. None of the above

3. Allowing lambs to eat as much as they want, whenever they want is known as?
 - a. Overeating
 - b. Feeding five times a day
 - c. Self-feeding
 - d. Low feed intact

4. This is the most important part of the sheep's diet?
 - a. Corn
 - b. Hay
 - c. Water
 - d. Oats

5. Which of the following is a wool term?
 - a. Kemp
 - b. Grease
 - c. Felting
 - d. All of the above

6. Which of the following is a wholesale cut?
 - a. Rack
 - b. Crown Roast
 - c. Ground Lamb
 - d. Riblets

LAMB BY-PRODUCTS

(find the following by-products in the puzzle below and circle them)

C	W	E	C	N	R	A	Y	G	O	B	P
S	G	U	R	L	U	E	M	I	C	H	E
E	I	G	A	C	N	I	S	S	T	H	L
N	E	B	E	L	S	T	I	U	N	T	T
I	H	E	C	O	S	M	E	T	I	C	S
C	W	E	S	T	G	G	R	U	E	A	N
I	H	A	L	H	P	U	W	R	P	N	M
D	Z	B	D	I	O	P	F	E	D	D	N
E	C	U	L	N	P	R	I	S	T	L	D
M	O	N	O	G	T	W	A	J	Y	E	M
R	T	N	M	A	E	F	I	L	M	S	K
L	A	N	O	L	I	N	W	P	O	M	L

WORD BANK

CANDLES
CLOTHING
COSMETICS
FILM
LANOLIN
MEDICINES
PELTS
RUGS
SUTURES
YARN

PROJECT RULES- True or False (circle the correct answer)

1. Your Lamb should be on feed by July 1st? T F
2. The minimum 4-H age to sell a market lamb at the Oceana Fair is 8? T F
3. Your list of potential buyers must be in the MSUE office by August 2nd? T F
4. Your lamb's weight must be between 90-150 pounds for Fair? T F
5. You should grab your lamb by its fleece to move it in the ring? T F
6. Your notebook must be presented at weigh in at Fair? T F
7. You must have your notebook into the exhibit building by noon of entry day at the latest? T F
8. You need 2 different buyers than your siblings? T F
9. The lamb market project enrollment deadline is June 1st? T F
10. You must notify the MSUE office, in writing, by 5:00 p.m. on August 8th, if changing to our registered backup animal? T F

YOUR PROJECT

1. What did you learn, that you did not know, about your project?

2. What is the best feature(s) of your market lamb this year?

3. What feature(s) of your market lamb could use some improvement?

4. Will you participate in a market lamb project again? _____

Why or why not? _____

4-H INFORMATION

The 4-H Pledge

I pledge.....

LIST 1 WAY THAT YOU HELPED OR TAUGHT OTHERS THIS YEAR:

4-H ACTIVITIES

Number of club meetings held: _____ Number I attended: _____

List any club activities in which you have:

- Participated in
- Responsibilities which you have assumed

(for example: Community Service Events, workshops, judging contests, clinics, offices held, parades representing 4-H etc. If none, write none)

Activity	Date	Location	Placing, Position or Comments

MY 4-H STORY

(Interesting things that happened to me and my animal this year, including challenges, highlights of the year or anything else I would like to share about my overall 4-H experience)

POTENTIAL BUYERS NAMES

As part of your 4-H Market Livestock Project, you must personally contact at least five potential buyers before the Oceana County Fair. You are encouraged to seek two new buyers that have not been asked or submitted before. You also must have at least three different buyers than those of your siblings in the market livestock project. Please confirm with your buyers their accurate mailing address (example: post office box vs. a street address). The information on page 16 must be completed and taken to the Oceana County MSU Extension Office on or before the due date where it will be **copied** and used to send out letters to your potential buyers. This page will remain in your notebooks. This is a Market Livestock Committee rule. Failure to comply will result in not being able to sell your animal in the 4-H Market Livestock Sale.

4-H MARKET LIVESTOCK POTENTIAL BUYER'S LIST
LAMB PROJECT (AGES 12-14)

Name _____ Club _____

Please print business names and complete addresses clearly.

1. Contact Name _____

Business Name _____

Mailing Address _____

Phone _____

Signature _____

2. Contact Name _____

Business Name _____

Mailing Address _____

Phone _____

Signature _____

3. Contact Name _____

Business Name _____

Mailing Address _____

Phone _____

Signature _____

4. Contact Name _____

Business Name _____

Mailing Address _____

Phone _____

Signature _____

5. Contact Name _____

Business Name _____

Mailing Address _____

Phone _____

Signature _____

(Must be stamped by the MSU Extension Office)

YOUR PROJECT PICTURES

(Please use this page for your project pictures. If you have more than 1 page of pictures please use the appendix section to include those pictures).