

OCEANA COUNTY 4-H MARKET LIVESTOCK
EDUCATIONAL NOTEBOOK/RECORD

LAMB PROJECT - 2024
AGES 15-19



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, 2024

Number of years in project: _____

Use this sheet as the first page of your project record book. Fill it out completely.

Please print or type neatly.

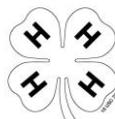
NAME _____

4-H CLUB _____

BREED _____ LAMB'S NAME _____

DATE OF BIRTH _____ DATE RECORD STARTED _____

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- 2024
AGES 15-19

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) Breed Scramble
 - b) Marketing
 - c) Lamb Parts Identification
 - d) Fitting & Showing
 - e) Wholesale Cuts
 - f) Sheep By-Products
- 5) MY PROJECT INFORMATION
 - a) Your Project
 - b) 4-H Info & Activities
- 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.*

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 (please print), if parent -please print) 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 June 1, 2024 Project End Date _____
Fair Haul In Day

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				
Column Totals				

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)

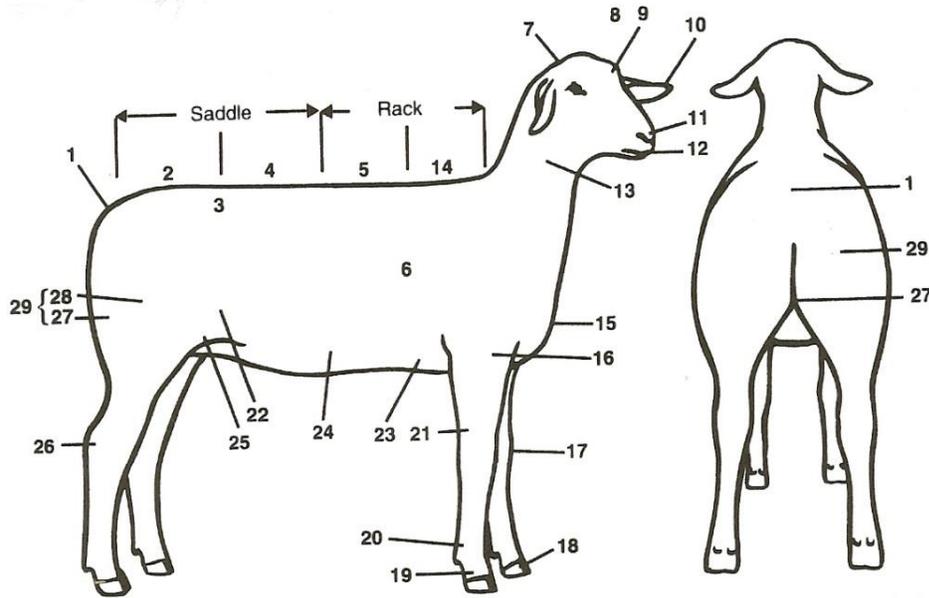
Would you have been able to make a profit selling on the open market? _____

Why or why not? _____

PROJECT KNOWLEDGE

Lamb Parts Identification

Identify the parts and list them with their corresponding number.
15-19 Answer All



WORD BANK

- RUMP
- LOIN
- RIBS
- EYE
- EAR
- MOUTH
- SHOULDER
- FOREARM
- HOOF
- DEW CLAW
- STIFLE
- BELLY
- HOCK
- THIGH
- LEG OF LAMB
- TWIST
- REARFLANK
- FOREFLANK
- SHANK
- PASTERN
- KNEE
- BREAST
- NECK
- FACE
- FOREHEAD
- POLL
- BACK
- HIP
- DOCK

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

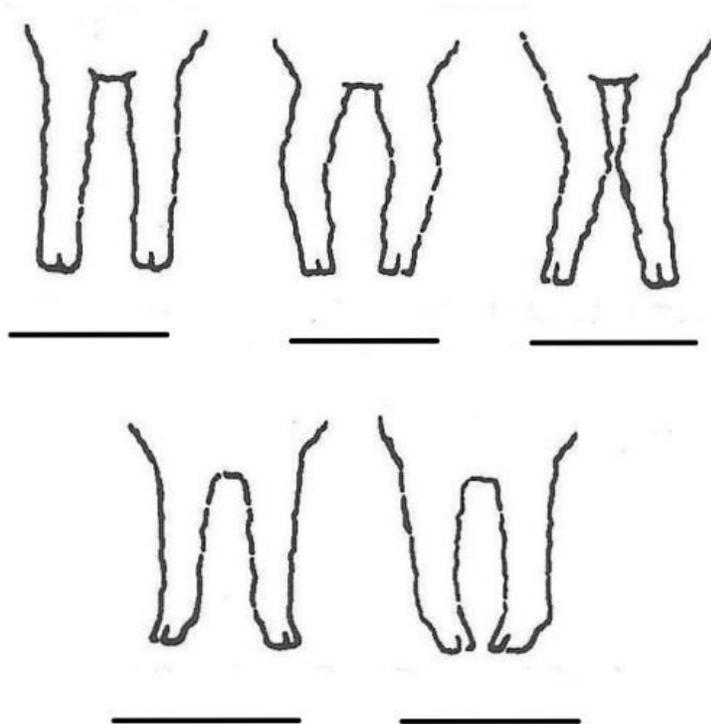
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____
29. _____

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?

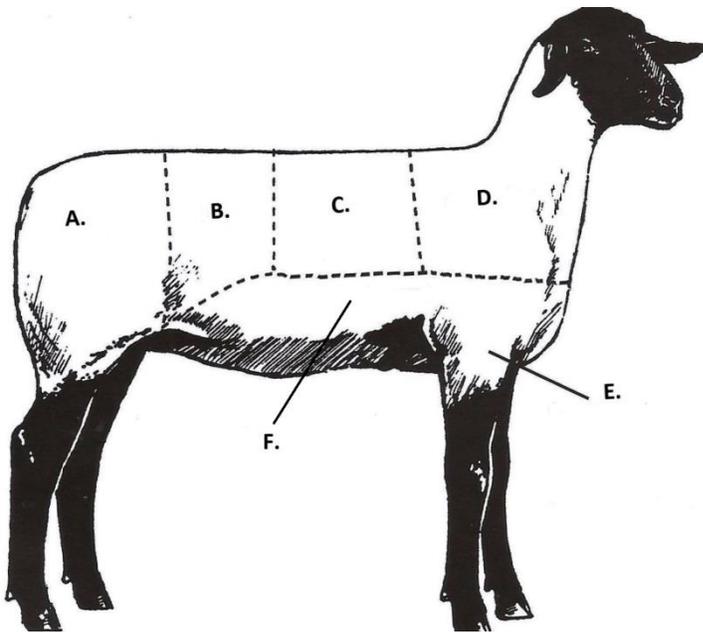
STRUCTURAL SOUNDNESS- Legs/Stance Front View



Which lamb would you choose? Put the letter to the correct description under the correct view.

- A. KNOCK-KNEED
- B. PIGEON-TOED
- C. CORRECT
- D. SPLAYFOOTED
- E. BOWLEGGED

WHOLESALE CUTS



Write the letter that corresponds to the correct WHOLESALE cut:

___ BREAST

___ FORESHANK

___ LEG

___ LOIN

___ RACK

___ SHOULDER

JUST FOR FUN- Sheep Behavior

Complete the following word scramble. Each “jumble” of letters spells a word found regarding sheep behavior. Using the clues, decipher the words and write them out in the spaces provided. To check yourself, write down (in order) all the circle letters in the spaces at the bottom of the page. Use the word key below for possible solutions to the jumbles.

Clue	Jumble	Word
sheep need _____ from other sheep	CPMOANNOIPISH	_____  
sheep have poor depth _____	PTIONCREEP	_____   _____
sheep like to stay together because they are _____	GGAROUSIRE	_____  
sheep often remember _____	ESENCEPERIX	 _____ 
If one sheep goes, the _____ will follow	OSRTHE	 
Sheep that stick together are said to have a strong flocking _____	ISTINTCN	_____  _____ 
Sometimes it's easier to lead sheep with a feed _____	BTUCKE	_____ 
sheep will either balk or _____ at shadows	JPUM	_____ 
if sheep see people off to the _____, or in front of them, they may refuse to move forward	SEID	_____  

Key:

BACKSIDE	DELIVERY	GANGLY	OUTSIDE
BLANKET	EXPERTS	HEALTHY	OTHERS
BUCKET	EXPERIENCES	INSTINCT	PERSPECTIVE
COMMUNICATION	FLOCK	JOLT	PERCEPTION
COMPANIONSHIP	GREGARIOUS	JUMP	SIDE

(courtesy of Kansas State 4-H Youth Programs-online)

(courtesy of Kansas State 4-H Youth Programs-online)

Breed Word Search

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

- | | | |
|---------------|----------------|--------------|
| 1. SUFFOLK | 2. DORSET | 3. COLUMBIA |
| 4. HAMPSHIRE | 5. CHEVIOT | 6. OXFORD |
| 7. ROMNEY | 8. RAMBOUILLET | 9. SOUTHDOWN |
| 10. LEICESTER | 11. SHROPSHIRE | 12. SHETLAND |

YOUR PROJECT

1. When you selected your market lamb, what factors did you consider?

Are you happy with the breed you chose? _____

2. What are 2 marketable features of your animal that you would share with potential buyers?

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.....

The 4-H MOTTO:_____

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

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 18 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 15-19)

Name _____ Club _____

Please print business names and complete addresses clearly.

1. Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

2. Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

3. Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

(Must be stamped by the MSU Extension Office)

If you would like to contact additional buyers you can use this page. If not please throw this page out.

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

Contact Name _____

Business Name _____

Mailing Address _____ City _____ Zip _____

Phone _____ After Hours Phone _____

Mailing Preference (Please Check One): Email _____ Postal Delivery _____

Email _____

Signature _____

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).

NON-CLUB POINTS

8 YEARS OLD & UP MUST COMPLETE- MARKET LIVESTOCK ANIMAL ASSOCIATION PROJECT ATTENDANCE RECORD
(This must be filled out before presenting for signatures at the office.)

MEETING NAME	LOCATION	DATE	POINTS	SIGNATURE OF LEADER, SUPERINTENDENT OR MSU STAFF

Please note: This form must be included with your record notebook and turned into the weigh master on entry day of the Fair. **BEFORE SEEKING SIGNATURES AT MSU EXTENSION – MEETING NAME AND DATE MUST BE COMPLETED** You need to accumulate **nine (9) points** to be allowed to sell your animal. **Six (6)** of these **nine (9) points** must come from club meetings. The **three (3)** non-club points must be earned from attending various 4-H events and activities. See your leader, the MSUE office, or https://www.canr.msu.edu/oceana/oceana_county_4_h/oceana_4_h_market_livestock for a listing of approved nonclub points.

