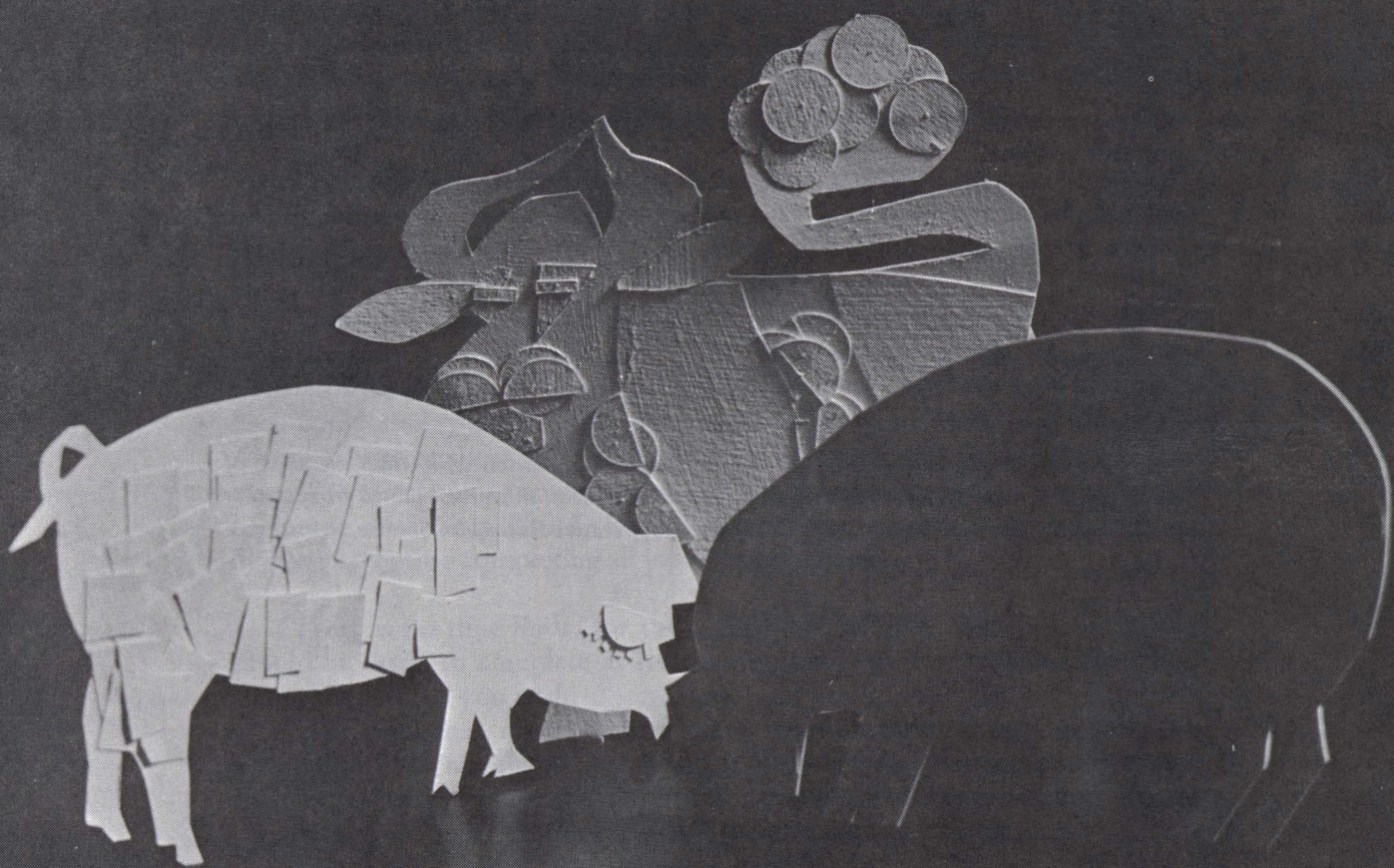


55
761
39
86
Dec.

4-H LIVESTOCK ADVANCEMENT PROJECT GUIDE AND RECORD



LIVESTOCK PUBLICATIONS*

No.

206	Feeding Ewes
207	Swine Evaluation
217	Internal Parasites of Swine
230	Virginia Swine Nutrition
258	Spraying Your Beef Cattle for Flies
310	Guarded Management for Swine Disease Prevention
312	Wintering Calves in Virginia
328	Lamb Feeding in Virginia
365	Sheep Management Schedule
385	Swine Management and Production Schedules for 3 and 4 Show Group Farrowing Systems
386	Crossbreeding Beef Cattle
394	Corn Silage and Beef Cattle

*These publications, available from your Extension Agent, may be helpful for this project. .

This publication was prepared by Dennis Rowan in cooperation with other members of the Animal Science Extension Staff. Ideas for this publication were obtained from similar publications from the Oregon State University Cooperative Extension Service.

Record Book 86
Cooperative Extension Service
September 1971

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U. S. Department of Agriculture. W. E. Skelton, Dean, Extension Division, Cooperative Extension Service, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

OBJECTIVES OF 4-H LIVESTOCK ADVANCEMENT PROJECT

- *To help 4-H members learn more about the livestock industry
- *To receive credit for extra work
- *To allow members to advance according to ability and desire
- *To explore possible careers in livestock production and marketing
- *To establish "self motivation", a necessary ingredient in the livestock industry

The 4-H Livestock Advancement Project can be an important part of the livestock project(s) in which you are presently engaged. You must be currently enrolled in one of the 4-H beef, sheep, or swine projects. This is not a required project but if it is undertaken, it will be checked and considered as a part of your livestock projects for county and state awards.

Livestock project books as well as other publications can be used to obtain information for this project. You may also need to talk to your 4-H leader, Extension Agent, and other adults to acquire some information.

There are certain jobs that must be completed in each step of the Advancement Project. Each job, upon satisfactory completion, must be initialed by your leader. After the required number of jobs in each step have been completed, the record must be approved by your leader and Extension Agent. If you qualify, you will be given an Advancement Certificate for that step. The certificates for each step can only be awarded in ascending order beginning with Step No. I. However, you may complete some jobs at a higher step before completing all jobs in a lower step.

There is no time limit for the completion of each step, but an effort should be made to complete at least 1 step per year. You may complete the steps as rapidly as you wish.

You can meet many requirements by presenting illustrated talks to your fellow club members. In some cases, you may be able to complete more than 1 step with a single illustrated talk. Complete all the jobs listed, if you can. With your leader's approval you may substitute one or two jobs.

- Name of Club Member _____ Age _____
- is qualified and has completed all requirements for STEP I of the 4-H Livestock Advancement Project _____.
- (Date) _____

Approved By _____, _____
(Project Leader or teen leader) (County Extension Agent)

STEP II. HERDSMAN

- | | <u>Date
Passed</u> | <u>Approved
By</u> |
|---|------------------------|------------------------|
| 1. Learn the following parts of livestock: muzzle, snout, crops, loin, twist, dock, switch, pastern, and dew claw. | _____ | _____ |
| 2. Describe and tell the use of the following livestock equipment: tattoo instrument, show stick, emasculator, Barnes dehorner, creep feeder, stock chute, and farrowing crate. | _____ | _____ |
| 3. Learn and explain the USDA slaughter grades of cattle, hogs, and sheep. | _____ | _____ |
| 4. Control at least 1 type of parasite and report your methods to your club. | _____ | _____ |
| 5. Attend a livestock tour or field day. | _____ | _____ |
| 6. Describe how to tell the age of livestock by their teeth. | _____ | _____ |
| 7. Identify and locate the wholesale cuts of beef. | _____ | _____ |
| 8. Identify and locate the wholesale cuts of a lamb carcass. | _____ | _____ |
| 9. Tour a purebred livestock operation. | _____ | _____ |
| Others: | | |
| 10. _____ | _____ | _____ |
| 11. _____ | _____ | _____ |

Name of Club Member

Age

is qualified and has completed all requirements for STEP II of the 4-H Livestock Advancement Project _____.
(Date)

Approved By _____,
(Project leader or teen leader) (County Extension Agent)

STEP III. ASSISTANT LIVESTOCK MANAGER

	<u>Date Passed</u>	<u>Approved By</u>
1. Describe the control of 3 external or internal parasites.	_____	_____
2. Identify and locate the wholesale cuts of pork.	_____	_____
3. Within 2 week's time, determine the price of choice slaughter cattle and price of choice beef cuts in a grocery or meat store. Explain the differences.	_____	_____
4. Participate in a livestock judging or evaluation program.	_____	_____
5. Describe or define the following terms: scrotum, testicle, semen, sperm, ovary, ovulate, ovum, fetus, and uterus.	_____	_____
6. Attend a purebred livestock sale.	_____	_____
7. Explain why each of the following are important in a livestock ration: proteins, carbohydrates, fat, minerals, water, and vitamins. Name some feeds that supply each of the above.	_____	_____
8. Explain the heat (estrous) cycle, heat period and gestation. Give the length of each for cattle, sheep and swine.	_____	_____
Others:		
9. _____	_____	_____
10. _____	_____	_____

Name of Club Member

Age

is qualified and has completed all requirements for STEP III of the 4-H Livestock Advancement Project _____.
(Date)

Approved By _____, _____
(Project leader or teen leader) (County Extension Agent)

STEP IV. LIVESTOCK MANAGER

	Date Passed	Approved By
1. Tour a meat packing plant, freezer, or locker plant, and report to your club.		
2. Cook and serve beef, lamb, or pork to your family or friends.		
3. Prepare a 4-H memory book or accumulated livestock achievement book.		
4. Visit a grocery or meat store and obtain the prices of the various retail cuts of beef, lamb, or pork. Explain where each was derived from the live animal and explain the difference in price between cuts.		
5. Become a 4-H teen leader.		
6. Help one or more younger members with their livestock projects.		
7. Attend a sale for slaughter animals.		
8. Prepare a paper (500 words or more) and give a report on one of the following topics:		
1) General management of one kind of livestock		
2) Reproduction, breeding, and genetics		
3) Livestock feeds, feeding, and nutrition		
4) Prevention and control of diseases in one kind of livestock.		
Others:		
9. _____		
10. _____		

Name of Club Member	Age
---------------------	-----

is qualified and has completed all requirements for STEP IV of the 4-H Livestock Advancement project _____.

(Date)

Approved By _____, _____
(Project leader or teen leader) (County Extension Agent)

