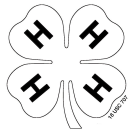


4-H SHEEP WORKSHEET

Grade 10



Name: _____ 4-H Club: _____

Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R

Use Chapter 11 “Reproduction and Genetics” to help you with the following questions.

1. Match the following hormones to the definitions:

_____ Estrogen

_____ FSH

_____ GnRH

_____ Progesterone

_____ Prostaglandin F-2 Alpha

_____ LH

_____ Testosterone

A. Maintains pregnancy

B. Allows the female to come into heat again.

C. Causes the development of the sex organs

D. Stimulate the development of the ova

E. Causes the secretion of the male sex hormone

F. Development of sex organs in the male

G. Triggers the release of FSH and LH

2. Identify the differences between outbreeding, inbreeding, and linebreeding.

3. Find the genotype and phenotype of the following:

Ram is an RR and the Ewe is an Rr.

4. Explain how the genetic principles applies to you and selection of your 4-H sheep.

5. Define “defect” and identify three different defects that can occur in sheep.

Use Chapter 12 "Careers in Animal Science" to help you with the following questions.

6. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H sheep project that could relate to a career in the field of animal science.

7. Identify some animal science careers that are directly related to skills learned in the sheep project.

8. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

Use the Show Ring Ethics information on page 150 of your manual to answer the following questions:

9. Could you be a "winner" showing an animal without getting a champion ribbon? Explain.

10. What are some methods that Wabash County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.



DEKALB COUNTY LIVESTOCK RECORD

(Check one)

- | | |
|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> Beef | <input type="checkbox"/> Swine |
| <input type="checkbox"/> Goat | <input type="checkbox"/> Sheep |
| <input type="checkbox"/> Feeder Calf | <input type="checkbox"/> Dairy |
| | <input type="checkbox"/> Dairy Beef |

You need to be keeping Monthly records. Use separate pages to record your monthly data and use this form to summarize your information.

Name _____ Grade _____

Club _____ (of participation) Years in 4-H _____ (including this year) Years in this project _____ (including this year)

Table 1. Inventory of 4-H Project Animals

ID/Registration #	Animal's Name	Breed	Sex	Date of Birth	Value

(add more pages, if necessary)

Table 2. List the items you feed to your animals (include type of feed, quantity, costs).

Type of Feed	Total Amount Fed	Total Cost or Estimated Value of Feed
	#	\$
	#	\$
	#	\$
	#	\$
Grand Total	#	\$

Did you give a demonstration? Yes _____ No _____
 If yes, list the date given, title of demonstration and number of people present.

List any tours, workshops, clinics, etc. you participated in relating to this project.

Financial Summary	
Item	Cost
Income	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
Total Income	\$
Expenses	
Cost of animals	
Feed costs (growing rations, finishing rations, etc.)	
Veterinary/medical fees/health paper fees	
Housing or Rent	
Manure Handling	
Bedding	
Fencing	
Transportation	
Equipment (feed, show, groom)	
Other (List)	
Total Expenses	\$
Income – Expenses: Actual or Projected Profit (loss)	\$

For Market Animals Only					
Feed Record:	No. 1	No. 2	No. 3	No. 4	No. 5
1. Estimate weight of animal in early Sept.					
2. Initial weight of animal (estimate or weigh-in weight)					
3. Total weight gain (line 2 minus line 1)					
4. Number of days fed					
5. Average daily gain (line 3 divided by line 4)					
6. Total pounds feed fed					
7. Pounds feed per pound gain					