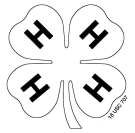




4-H GOAT WORKSHEET

Grade 10



Name: _____ 4-H Club _____

Answers to these questions can be found in the “Goat Resource Handbook” 4-H 135R

Use Chapter 4 to answer the following questions:

1. Complete the Punnett Square to determine polled or horned where the buck has a genotype PP and the doe is Pp.

2. Based on the Punnett Square above answer the following questions:

- a. What percentage of the offspring are likely to be horned? _____
- b. What percentage of the offspring are likely to be polled? _____

3. Explain why more goats are born with horns when polled is the dominant trait.

4. Explain how genetic principles apply to you and selection of your 4-H goats.

5. What are two causes of poor fertility in goats?

6. Goats are generally “seasonal breeders”. What does this mean?

Use Chapter 14 “Careers in Animal Science” to help you with the following questions.

7. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H goat project that could relate to a career in the field of animal science.

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

9. 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 177 of your manual to answer the following questions:

10. Could you be a “winner” showing an animal without getting a champion ribbon? Explain.

11. 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)

- | | |
|--------------------------------------|-------------------------------------|
| ☐ Beef | ☐ Swine |
| ☐ Goat | ☐ Sheep |
| ☐ Feeder Calf | ☐ Dairy |
| | ☐ 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 _____ Years in 4-H _____ Years in this project _____
(of participation) (including this year) (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					