



Wabash County 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.
