

Wabash County 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:

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|-------------------------------|---|
| _____ Estrogen | A. Maintains pregnancy |
| _____ FSH | B. Allows the female to come into heat again. |
| _____ GnRH | C. Causes the development of the sex organs |
| _____ Progesterone | D. Stimulate the development of the ova |
| _____ Prostaglandin F-2 Alpha | E. Causes the secretion of the male sex hormone |
| _____ LH | F. Development of sex organs in the male |
| _____ Testosterone | 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.
