

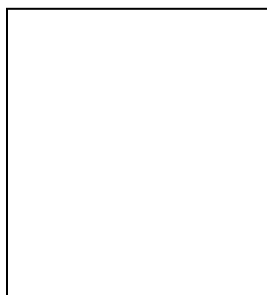


4-H Sheep Project

Boone County
Record Sheet D
Grade 10

Name: _____ 4-H Club _____

1. You have a market lamb that you want to feed at 14% protein. You are mixing a 36% protein pellet with 8.9% cracked corn. You want 500 pounds of feed when you are done. Using the Pearson Square, how much of each will you need to mix to get the desired protein content?



2. You remove 7 pounds of wool from a ewe one spring. Once it is cleaned you have 4.5 pounds of clean. What is the amount of shrinkage for the wool?

3. Match the following hormones to the definitions:

_____ 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

4. Where is the fat thickness on a lamb determined?
5. If you have 15 lambs weighing 30 pounds or more running freely in a pen, how big must the pen be?
6. _____ in the livestock industry is obligated to do their part to make the food industry safe.

7. Tell where the following breed's national association is located at and where they originate from:

Breed	Origin	Association
Suffolk	_____	_____
Columbia	_____	_____
Targhee	_____	_____
Hampshire	_____	_____
Shropshire	_____	_____
Cheviot	_____	_____
Southdown	_____	_____
Rambouillet	_____	_____

8. Sheep have _____ pairs of chromosomes.

9. What are the highly heritable carcass traits in sheep?

10. What are the low heritable growth traits in sheep?

11. What are the trait areas you will see most movement in your breeding program?

12. What is the difference between extra-label usage and prescription drugs?

13. How do you think the consumer would view the way your project is housed? Fed? Handled?

14. By percentage, what are the largest three wholesale cuts?

15. To have a yield grade of 2 you need a fat thickness of _____ on your lamb.

16. Quality grades in lamb are based on what five things:

17. If the medicine bottle says give the shot IV, what does that mean?

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