## White County 4-H Sheep Educational Activities - Grade 10

Project Year \_\_\_\_\_

4-H	er Name	Club
Activity #1		
	r the following questions r rce Handbook	elated to Chapter 11, "Reproduction and Genetics" from the Ohio Sta
<u> </u>	1. Chromosomes	a. Traits that are controlled by multiple gene parts
	2. Gene	b. The expression of genetic traits
	3. Genotype	c. Carriers of the basic units of heredity
	4. Heritability	d. The genetic make-up of the animal
	5. Heterosis	e. An animal characteristic that can be selected for
	6. Heterozygous	f. The ability of an animal to make its offspring resemble it and each other more closely than usual
	7. Homozygous	g. The amount of variation in a trait resulting from genetic differences.
	8. Phenotype	h. Traits that are controlled by only one gene pair
	9. Prepotency	i. A gene pair with different genes for the same trait
	10. Qualitative Traits	j. The increase in performance associated with the crossbred animal when compared to the average of the purebred parents
, <u> </u>	11. Quantitative Traits	k. Basic unit of heredity that is located on chromosomes and affects a specific trait
	12. Trait	I. A gene pair where both genes are identical

## White County 4-H Sheep Educational Activities – Grade 10

Project Year \_\_\_\_\_

4-H'er Name		eClub	Club	
Activity #2				
Please answer t Resource Hand		llowing questions related to Chapter 13, "Caring for Animals" from the Ohi	io State Sheep	
Place a P, R or V	W in t	he left column telling which the right column is		
P = Privileges		R= Responsibility	W= Reward	
	1.	To feel good about producing a wholesome, consumable product.		
	2.	To ask questions and share concerns		
	3.	To know as much about your project as possible		
	4.	To receive both public and personal recognition		C
	5.	To be loyal to the values and ideals of the 4-H program		
	6.	To be given a variety of experiences relating to project work		
	7.	To be willing to learn and participate in training programs and meetings		
	8.	To know you are special and you can make a diference		
	9.	To treat all livestock projects in your possession humanely		
	10.	To receive information to raise the project.		

## White County 4-H

## **Sheep Educational Activities – Grade 10**

Project Year \_\_\_\_\_

4-H'er Name	Club			
Activity #3				
Please answer the following questions relat Resource Handbook	ed to Chapter 13, "Caring for Animals	" from the Ohio State Sheep		
LAMB STARTER	1. The main ingredient in this feed			
MEDICATED	a. Processed Grain By-Product			
STARTER FOR GROWING LAMBS	c. Calcium Iodate	d. None of the above		
FOR THE PREVENTION OF COCCIDIOSIS CAUSED BY Eimeria ovina, Eimenia crandallis, Eimeria ovinoidalis, Eimeria ninakohlyakimovae, Eimeria parva AND Eimeria intricata IN SHEEP MAINTAINED IN CONFINEMENT.	The main active drug ingredients in this feed is lasalocid.  True False			
ACTIVE DRUG INGREDIENT LASALOCID (AS LASALOCID SODIUM) 90 G/TON	The minimum crude protein level	el is?		
GUARANTEED ANALYSIS	a. 10%	b. 15%		
CRUDE PROTEIN MIN 20.00% CRUDE FAT MIN 2.50% CRUDE FIBER MAX 10.00% CALCIUM MIN 0.75%	c. 20%	d. 25%		
CALCIUM MAX 1.25% PHOSPHORUS MIN 0.55%	4. The minimum crude fat level of	this diet is		
SALT MIN 0.40% SALT MAX 0.90%	a. 2.0%	b. 2.50 %		
SELENIUM MIN 0.30 PPM	c. 3.0%	d. 5.0%		
VITAMIN A MIN 2,000.00 IU/LB	c. 5.070	u. 3.070		
INGREDIENT USAGE Processed Grain By-Products, Crain Products, Plant Protein Products, Forage Products, Roughage Products,	5. This is a medicated feed?			
Molasses Products, Ground Limestone, Salt, Lignin Sulfonate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Sodium Seleniite, Calcium Propionate, Vitamin E Supplement, Vitamin A Agerate, Vitamin Da	True	False		
3Supplement, Zine Sulfate, Zine Oxide, Sodium Molyb- date, Manganous Oxide, Calcium Iodate, Cobalt Carbon-	6. At what growth stage of develor	At what growth stage of development should this ration be fed?		
ate, Ferrous Sulfare	a. 1-6 weeks	b. 6-12 weeks		
FEEDING DIRECTIONS Lamb Starter contains 45 mgs of lasalocid per pound. Feed continuously as the sole ration to growing lambs from 1 to 6 weeks of age at the rate of 0.33-1.55 pounds per	c. 12-18 weeks	d. None of the above		
head per day to provide not less than 15 mes. And not	7. There is a withdrawal time for this feed?			
more than 70 mgs. Of lasslocid per head per day. Provide elean, fresh water at all times.	True	False		
CAUTION	1140	1 4130		
The safety of lasalocid in unapproved species has not been established; do not allow horses or other equines access to lasalocid as ingestion may be fatal; feeding undiluted or	8. This bag of feed weighs	pounds.		
mixing errors resulting in excessive concentrations of lasalocid could be fatal to sheep.	a. 10	b. 20		
MANUFACTURED BY: SKILLATHON FEEDS	c. 40	d. 50		

True

9. With this feed you don't have to worry about providing water.

False

NET WEIGHT 50 POUNDS (22.7 KILOGRAMS)

OR AS SHOWN ON SHIPPING DOCUMENT

