

Livestock

Sheep Parts

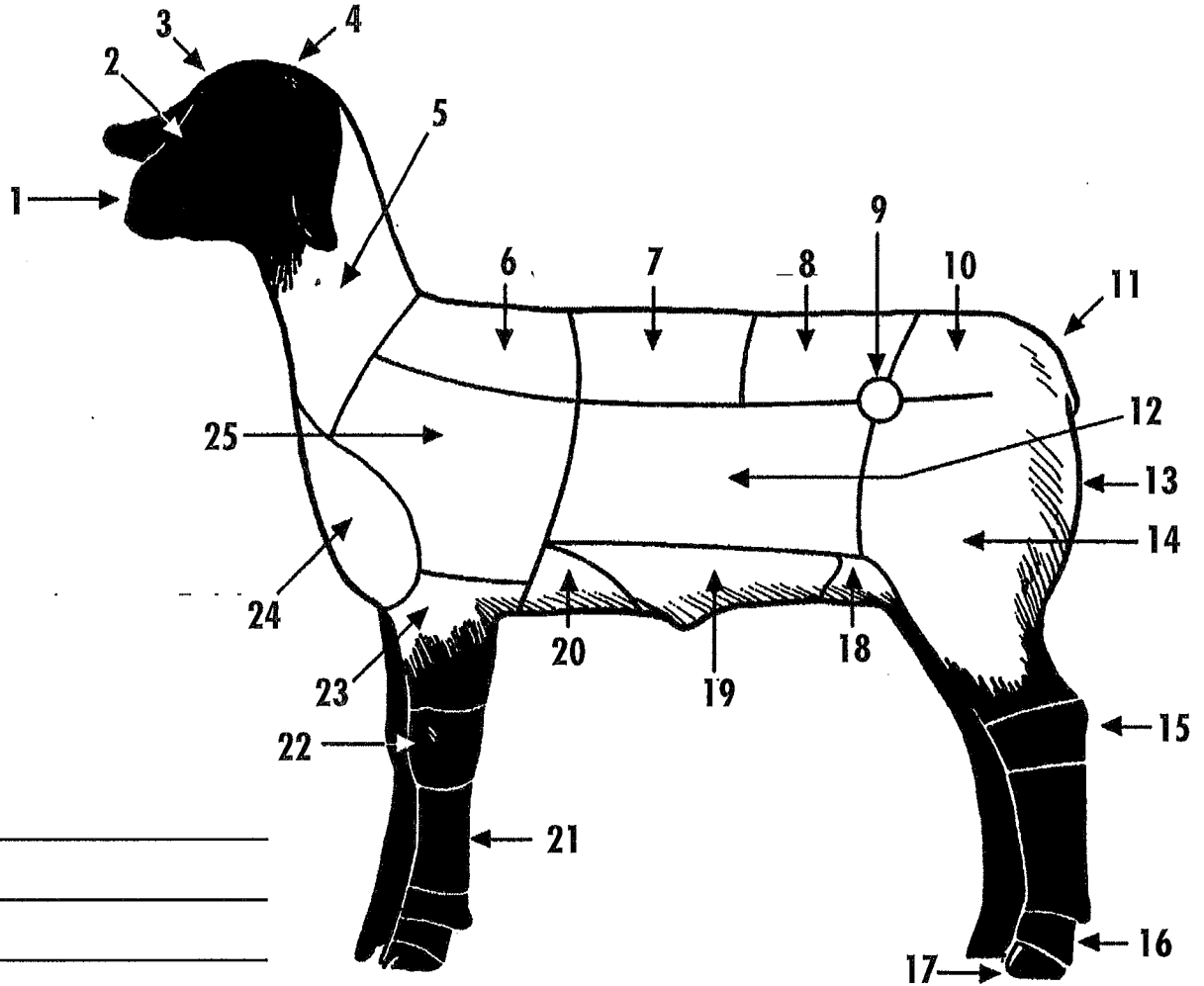
Activity level: Intermediate and advanced members ages 12 to 18

Write in the name that corresponds to the correct part of the animal below.

Identification

In this activity you will:

- learn the parts of a sheep.



- | | | |
|-----------|-----------|-----------|
| 1. _____ | 12. _____ | 19. _____ |
| 2. _____ | 13. _____ | 20. _____ |
| 3. _____ | 14. _____ | 21. _____ |
| 4. _____ | 15. _____ | 22. _____ |
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| 6. _____ | 17. _____ | 24. _____ |
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References: Sheep Breeding and Market Lamb 4-H Resource Handbook; Sheep Livestock Learning Laboratory Kit
 Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Andrea Auker, Animal Sciences Student

Livestock

Sheep Feet and Leg Structure

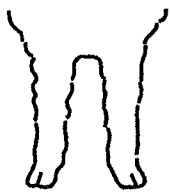
On the blanks, write the letter of the term that corresponds to the diagram below.

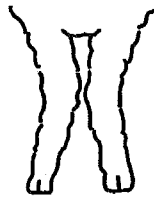
- | | |
|--|-------------------------------------|
| A. Side View Rear Legs, Sickle-Hocked | F. Rear View, Correct |
| B. Side View Front Legs, Correct | G. Side View Front Legs, Buck-Kneed |
| C. Side View Front Legs, Calf-Kneed | H. Front View, Knock-Kneed |
| D. Front View, Pigeon-Toed | I. Front View, Splay-footed |
| E. Side View Front Legs, Weak Pasterns | J. Rear View, Cow-Hocked |
| | K. Side View Rear Legs, Post-Legged |
| | L. Front View, Bowlegged |

Identification

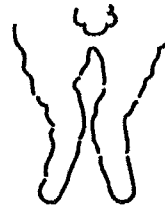
In this activity you will:

- identify the various feet and leg structure diagrams.

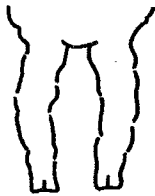


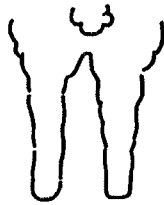


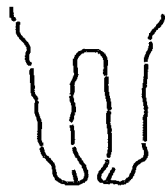






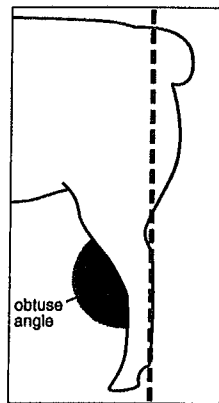


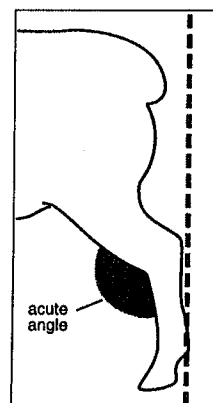












References: Sheep Resource 4-H Handbook; Sheep Livestock Learning Laboratory Kit; Beef, Sheep and Swine Selection and Evaluation 4-H #103R
 Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Andrea Auker, Animal Sciences Student

Livestock

Sheep Quality Assurance

Read the situation statement and label of the medication and complete the treatment record.

Situation Statement

Today is May 15. Your name is Lynn Monroe. Your Suffolk market lamb "Elmo" (ear tag #3159) you are planning to take to the county fair July 2–7 is lame on the left front leg. When you examine it, you find the foot smells bad and the hoof wall is separating from the sole. These findings lead you to believe the lamb has foot rot. The veterinarian who regularly cares for your animals is Angela Adams, DVM. She examined the animal and gave you (prescribed) the bottle of medication listed below and instructed you to give the treatment today at 3:00 p.m. Your lamb weighs about 100 pounds.

Bottle Label

Angela Adams, DVM 100 Quality Avenue Hometown, OH 43200 614-555-5050	
Owner: Lynn Monroe	Date: May 15
Animal ID: Lamb #3159	Indications: Foot rot
Directions: Give 5 ml (cc) intramuscularly on May 15, at 3 p.m.	
Precaution: Avoid the muscle tissues of high carcass value.	
Warning: Use of this drug must be discontinued for 10 days before slaughter or market for food.	
Product/Active Ingredient(s): Biomycin	
Expiration Date: August 15	

Decision-Making

In this activity you will:

- learn about Quality Assurance by practicing how to record animal medication information on the treatment record.

May						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Treatment Record

Treatment Date and Time	Animal ID • Name • Species • ID Number • Description	Condition Being Treated	Estimated Weight	Treatment Given (Medication dispensed, amount, and route)	Instructed Meat/Milk/Egg Withdrawal	Results	Date and Time Withdrawal Complete	If this is an extra label or Rx drug, list the name, address, and phone number of the licensed veterinarian who prescribed or directed the treatment.

Teaching References: *Caring for Animals Discussion Guide* and video, the *4-H Market Lamb Resource Handbook #250R*, and the *4-H Sheep Breeding Handbook #194R*. The *Sheep Learning Laboratory Kit* contains a medicine bottle, syringe, and skeletal poster which are helpful but not necessary for this exercise.

Lesson plan by: Dr. Bill Shulaw, OSU Extension Veterinarian

Livestock

Lamb: How to Read a Feed Tag

Use the feed tag below to answer the following questions.

Decision-Making

In this activity you will:

- learn how to read a feed tag.

LAMB STARTER MEDICATED

STARTER FOR GROWING LAMBS

FOR THE PREVENTION OF COCCIDIOSIS CAUSED BY *Eimeria ovina*, *Eimeria crandallis*, *Eimeria ovinoidalis*, *Eimeria ninakohlyakimovae*, *Eimeria parva* AND *Eimeria intricata* IN SHEEP MAINTAINED IN CONFINEMENT.

ACTIVE DRUG INGREDIENT

LASALOCID (AS LASALOCID SODIUM) 90 G/TON

GUARANTEED ANALYSIS

CRUDE PROTEIN MIN 20.00%
CRUDE FAT MIN 2.50%
CRUDE FIBER MAX 10.00%
CALCIUM MIN 0.75%
CALCIUM MAX 1.25%
PHOSPHORUS MIN 0.55%
SALT MIN 0.40%
SALT MAX 0.90%
SELENIUM MIN 0.30 PPM
VITAMIN A MIN 2,000.00 IU/LB

INGREDIENT USAGE

Processed Grain By-Products, Grain Products, Plant Protein Products, Forage Products, Roughage Products, Molasses Products, Ground Limestone, Salt, Lignin Sulfonate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Sodium Selenite, Calcium Propionate, Vitamin E Supplement, Vitamin A Acetate, Vitamin D-3 Supplement, Zinc Sulfate, Zinc Oxide, Sodium Molybdate, Manganous Oxide, Calcium Iodate, Cobalt Carbonate, Ferrous Sulfate.

FEEDING DIRECTIONS

LAMB STARTER MEDICATED 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 head per day to provide not less than 15 mgs. and not more than 70 mgs. of lasalocid per head per day. Provide clean, fresh water at all times.

CAUTION

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 mixing errors resulting in excessive concentrations of lasalocid could be fatal to sheep.

MANUFACTURED BY:
SKILLATHON FEEDS

NET WEIGHT 50 POUNDS (22.7 KILOGRAMS)
OR AS SHOWN ON SHIPPING DOCUMENT

1. What is the main ingredient in this feed?
2. What is the active drug ingredient?
3. What is the minimum crude protein level?
4. What is the minimum crude fat level of this diet?
5. Is this a medicated feed?
6. At what growth state of development should this ration to be fed?

Adapted from materials created by Dan Frobose, Agr. & Nat. Res. Agent, Wood County

Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Roger High, State Sheep Extension Associate

Livestock

Goat Parts

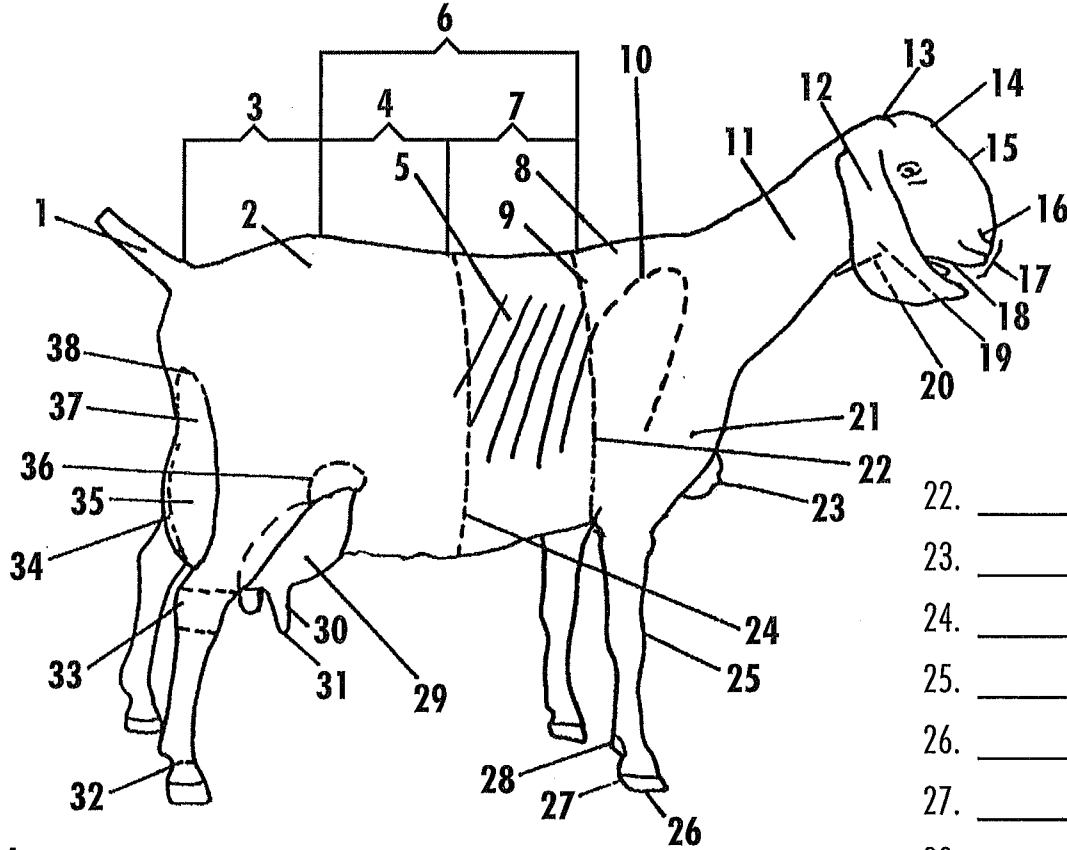
Activity level: Intermediate and advanced members ages 12 to 18

Write in the name that corresponds to the correct part of the animal.

Identification

In this activity you will:

- learn the parts of a goat.



- | | | |
|-----------|-----------|-----------|
| 1. _____ | 12. _____ | 22. _____ |
| 2. _____ | 13. _____ | 23. _____ |
| 3. _____ | 14. _____ | 24. _____ |
| 4. _____ | 15. _____ | 25. _____ |
| 5. _____ | 16. _____ | 26. _____ |
| 6. _____ | 17. _____ | 27. _____ |
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| | | 33. _____ |
| | | 34. _____ |
| | | 35. _____ |
| | | 36. _____ |
| | | 37. _____ |
| | | 38. _____ |

References: Goat Resource 4-H Handbook; Goat Livestock Learning Laboratory Kit

Prepared By: Jodi Black, State Extension Associate, 4-H/Animal Sciences; Andrea Auker, Animal Sciences Student

Livestock

Goat: How to Read a Feed Tag

Use the feed tag below to answer the following questions.

Decision-Making

In this activity you will:

- learn how to read a feed tag.

NET WEIGHT 50 POUNDS

SKILLATHON GOAT RATION

Feed for Goats Older Than Four Months of Age

CAUTION: Use Only As Directed

GUARANTEED ANALYSIS

Crude Protein not less than	17.0000%
Crude Fat not less than	2.5000%
Crude Fiber not more than	9.0000%
Calcium (Ca) not less than	0.8000%
Calcium (Ca) not more than	1.3000%
Phosphorus (P) not less than	0.6000%
Salt (NaCl) not less than	0.7500%
Salt (NaCl) not more than	1.2500%
Copper (Cu) not less than	18.0000 PPM
Copper (Cu) not more than	23.0000 PPM
Selenium (Se) not less than	0.6000 PPM
Vitamin A not less than	4000.0000 IU/LB

INGREDIENTS

Grain products, processed grain by-products, molasses products, calcium carbonate, salt, dicalcium phosphate, soybean oil, sodium selenite, propionic acid (a preservative), tetrasodium pyrophosphate, vitamin E supplement, vitamin A supplement, vitamin D₃ supplement, ferrous carbonate, manganese oxide, zinc oxide, cobalt carbonate, calcium iodate, sodium molybdate.

DIRECTIONS

This goat ration can be fed to dry does, growing does, bucks, and as a milking ration. Feed one pound for every three pounds of milk produced. Use free-choice for young kids. Feed with good quality roughage to all goats after four months of age.

IMPORTANT

1. When making a ration change, allow 3-5 days for animals to adjust to the new ration.
2. Do not let fine material accumulate in feeders.
3. Provide adequate bunk space for each animal. Bunks should be well protected and well managed to prevent feed from becoming wet and molding.
4. Provide a source of fresh, clean water at all times.
5. Feed salt free-choice.
6. Consult your veterinarian for a recommended health program for your local area. This includes internal and external parasite control.
7. This product contains copper and should not be fed to sheep.

CAUTION

Store in a dry area away from insects. Do not feed moldy or insect-infested feed to animals as it may cause illness, abortion or death.

MANUFACTURED BY:
SKILLATHON FEED

1. What is the main ingredient in this feed?
2. Is this a medicated feed?
3. What is the minimum crude protein level?
4. What is the minimum crude fat level of this diet?
5. Is calcium carbonate included in the ingredients of this diet?
6. Can this feed be given to lactating does?

Prepared by Drs. Gary Bowman and Bill Shulaw, Extension Specialists, Veterinary Medicine, and Jodi Black, State 4-H Animal Sciences Extension Associate

Livestock

Goat Quality Assurance

Read the situation statement and label of the medication and complete the treatment record.

Situation Statement

The market goat you have been planning to take to the fair is lame. Today your veterinarian diagnosed the goat's problem as foot rot and gave it an initial treatment at the time of the examination. The veterinarian left additional medication with you to continue the treatment. The directions on the medication tell you to give the goat 2 cc's per 100 pounds body weight once daily for 3 days, beginning tomorrow, and to give it by intramuscular injection. Your goat weighs 50 pounds. Remember, your veterinarian treated the goat today, June 8, and you will treat the goat 3 more days as directed.

Bottle Label

Susan Q. Veterinarian, DVM 100 Quality Drive Anywhere, OH 43210 614-555-0000	
Owner: Keith Young	Date: June 8
Animal ID: Goat 101-Saanen	Indications: Foot rot
Directions: Give 2 cc per 100 pounds body weight once daily intramuscularly for 3 days.	
Precaution: Avoid muscle of high carcass value.	
Warning: Use of this drug must be discontinued for 30 days before slaughter or market for food.	
Product/Active Ingredient(s): Hydrocillin	

Decision-Making

In this activity you will:

- learn about Quality Assurance by practicing how to record animal medication information on the treatment record.

June						
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Treatment Record

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Teaching References: *Caring for Animals Discussion Guide and video; the 4-H Goat Handbook; and the Goat Learning Laboratory Kit, which contains a medicine bottle, syringe, and skeletal poster which are helpful but not necessary for this exercise.*

Lesson plan by: Dr. Gary Bowman, OSU Extension Veterinarian