

**DAIRY GOAT  
EXPO STUDY GUIDE**

**LARGE ANIMAL EXPO  
Madera County 4-H  
Level I & II**

## Madera County 4-H Dairy Goat Study Guide Level I & II

### Written Test

	Level I	Level II
Entry Form	27	35
Dairy Goat Parts	20	25
Quiz True/False	15	20
Quiz Matching	10	15
Sub-Total for Written Test	72	95

### Expo Day Skills

	Level I	Level II
Feed ID	5	10
Equipment ID	15	20
Skills Demonstrated	25	40
Showmanship Skills	25	40
Sub-Total for Skills Portion	70	110
Sub-Total for Written Test	72	95
Total for Expo Skills	142	205
Total Needed to Pass Level	113.6	164

#### REFERENCES:

Your Dairy Goat (WREP 47)

Minnesota Goat Series, Book 1, 2, & 3 (Available at the 4-H Office)

EQUIPMENT: \*\*\*Members are responsible for bringing their own animal and equipment for their skills day, ie. Clippers, stand, balling gun, etc.\*\*\*

FEED ID KITS: Are available at the 4-H Office for you for you to check out and study.

# Madera County 4-H Dairy Goat Study Guide Level I & II

## TERMS

**ADGA** - American Dairy Goat Association

**Anemia** - Deficiency of Red Blood Cells. The eyelids and gums can be very light, grey or white. Often a sign of parasites and a need for deworming.

**Bloat** - Excessive gas build up in the rumen. May result from sudden overeating of grain.

**Bred Doe** - A pregnant doe.

**Buck** - Male goat.

**Buckling**- a male goat usually between six months to one year.

**Butterfat** - The fat content or cream of the milk. Often expressed as a percent of milk, ie. % butterfat.

**Butting**- method of fighting among goats in which they hit each other with their heads.

**Capriculture** - Goat husbandry

**Castrate** - Removal of testes of male goat.

**Chevon** - Goat meat.

**Chewing cud**- Regurgitated feed stuff. To further break down food for easier digestion.

**Condition** - Degree of fatness in an animal.

**Creep feeder** - A feeding area which allows goat kids to eat and not adult goats.

**Cull** - Animal taken out of herd because of below herd standards.

**Dam**- Mother goat.

**Dehorn or disbudding** - Removing of horns.

**Dental pad** - Part of the gums on the upper jaw. It is basically a substitute for top front teeth.

**Doe** - Female goat.

**Doeling** - a female goat usually between six months to one year.

**Dry goat** - Not in milk.

**Fill** - Amount of water and feed in a animal at any time.

**Freshen** - Doe that begins to produce milk after kidding.

**Grooming** - Hair properly groomed with soft, pliable hide.

**Kid** - Young goat under six month of age.

**Nurse Goat** - Goat nursing kids other than its own.

**Parasite** - An organism that grows, feeds, and is sheltered on or in an animal while contributing nothing and causing harm to that animal.

**Polled** - Goat born without horn buds.

**Ration** - Total feed given during 24 hours

**Scours** - Diarrhea or loose manure.

**Scrub** - An animal of unknown or unproven ancestry.

**Scurs** - Incomplete horn growth resulting from inadequate removing of the horns. Usually these are just short pieces, but sometimes have to be removed if they begin to grow into the goat's skull.

**Sire** - Father goat.

**Wattles** - Hair-covered appendages of flesh hanging from the throat area. Sometimes there are "misplaced" wattles on other parts of the body. They serve no real function.

**Wean** - Kid taken away from its mother.

**Wether** - a buck that has been castrated or neutered.

**Yearling** - a buck or doe between 6 and 15 months.

PLEASE PRINT OR TYPE

MADERA COUNTY 4-H STUDY GUIDE

LEVEL I & II

LIVESTOCK ENTRY FORM

LAST NAME FIRST NAME MIDDLE INITIAL

JUNIOR DEPARTMENT

GRADE

BIRTH DATE

AGE

ADDRESS

ALL DIVISIONS

MADERA DISTRICT FAIR

25826 AVE. 15 1/2

MADERA, CA 93637

674-8511

SIGNATURE OF LEGAL PARENT OR GUARDIAN

CITY ZIPCODE PHONE

SIGNATURE OF OWNER OR AGENT

DATE

Leave Blank	Division Number	Class Number	Breed	Name of Animal	Sex	Date Of Birth Month/Day/Yr			Tattoo, Ear Tag	Reg Number	Sire Reg Number	Dam Reg Number	Name of Breeder	Entry Fee	Stall Fee	Total Fee

CONSULT PREMIUM BOOK FOR DIVISION AND CLASS NUMBERS, ENTRY FEES, AND ENTRY CLOSING DATES

TOTAL ENTRY FEES \_\_\_\_\_

Amount Enclosed \_\_\_\_\_

PENS REQUIRED \_\_\_\_\_

CHAPTER OR CLUB \_\_\_\_\_

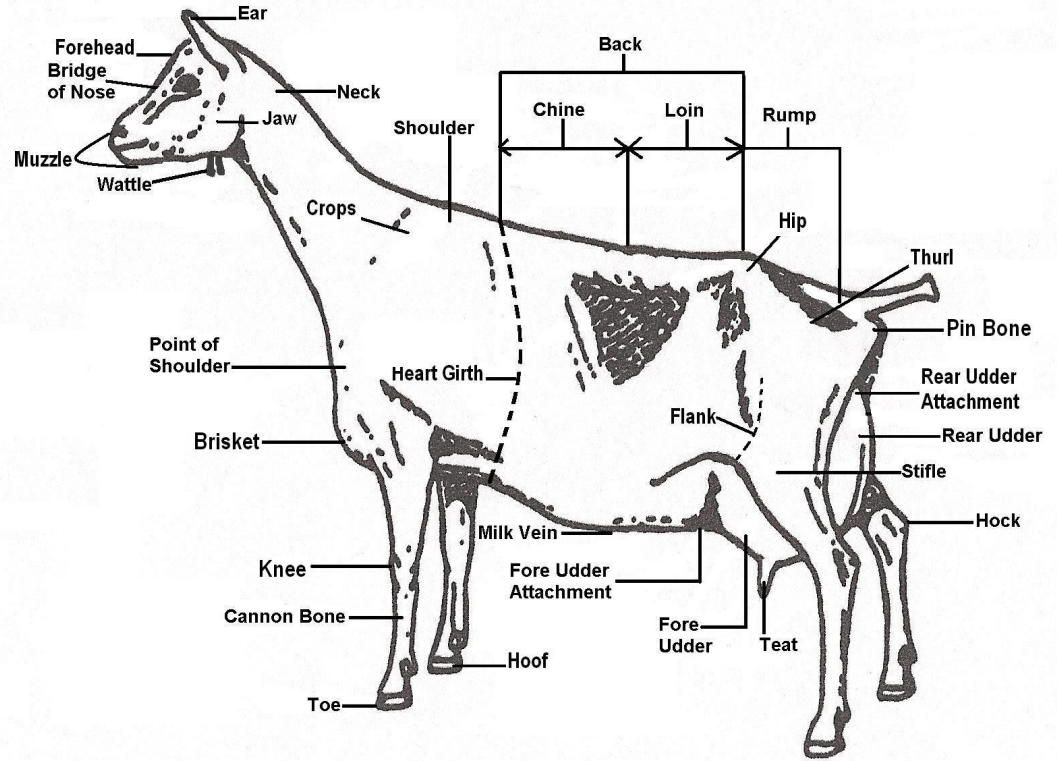
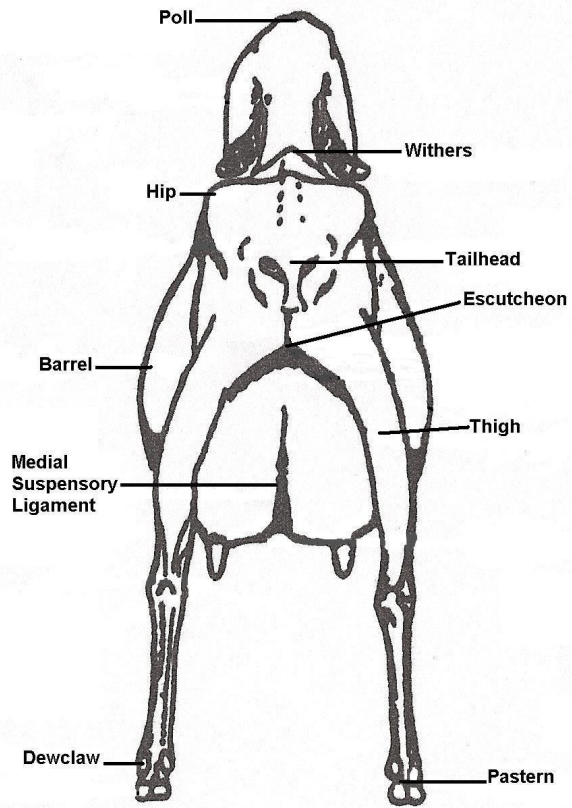
The undersign state herewith, that her/she is a recognized supervisor of the project of which the above entries are a part; that to his/her personal and actual knowledge the statements regarding the same are true; and he/she as read and has full understanding of the rules and regulations governing the Same and agrees to be governed by them.

SIGNATURE OF LEADER/INSTRUCTOR \_\_\_\_\_

LEADER/INSTRUCTOR TELEPHONE NUMBER \_\_\_\_\_

# Madera County 4-H Dairy Goat Study Guide Level I & II

## Dairy Goat Parts ID



# Madera County 4-H Dairy Goat Study Guide Level I & II

## EQUIPMENT & SUPPLY ID

### LEVEL I EQUIPMENT ID

Balling gun, Metal or Plastic  
Brush, Plastic Stiff Bristles  
Caprine Bucket  
Clipper Blade, Bottom  
Clipper Blade, Top  
Clipper, Electric Hair  
Clipper oil  
Connecting Ring, Metal or Plastic  
Disbudder  
Extension Cord  
Feeder, Fence-line  
Goat Milking Stand  
Heat Lamp  
Hoof Trimmer  
Hoof Polish  
Kid Holding Box  
Kid Nursing Bottle  
Liquid Soap  
Neck Chain, Metal  
Neck Chain Tag, Plastic  
Needle, Disposable  
Nipple, Pritchard Flutter  
Stainless Steel Pail  
Syringe, Disposable  
Teat Spray  
Thermometer

### LEVEL II EQUIPMENT ID

Alcohol  
Bearing Retainer  
Blood Stop Powder  
Breeding Service Memo  
Burdizzo  
Ear tag applicator  
Ear Tag, Metal or Plastic  
Elastrator  
Elastrator band  
Electrolytes  
Hair Coat Dressing  
Hoof Plane  
Iodine (betadine)  
Leg Snare, OB Kid Puller  
Milk Strainer  
Mineral Oil  
Registration Form  
Scalpel  
Surgical Gloves, OB  
Syringe, Automatic  
Tattoo Applicator  
Tattoo Ink  
Tattoo Number/Letter  
Tie-Out Chain, Ringside  
Vet Wrap

**Madera County 4-H Dairy Goat  
Study Guide Level I & II**

**Judges Score Sheet**

**Dairy Goat: Level I**

Contestant's Name		Club	
<b>SKILLS DEMONSTRATED</b>	Possible Points	Score	Comments
Catching and Control	5		
Mouthing	5		
Hoof Trimming, 1	5		
Fitting Question, 2	10		
<b>TOTAL</b>	<b>25</b>		

Judge's Initials \_\_\_\_\_

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**Madera County 4-H Dairy Goat  
Study Guide Level I & II**

**Judges Score Sheet**

**Dairy Goat: Level I**

Contestant's Name		Club	
<b>SHOWMANSHIP SKILLS</b>	Possible Points	Score	Comments
Leading, turning, stop	6		
Head held properly	2		
Set up legs	5		
Posing - front, side, rear	12		
<b>TOTAL</b>	<b>25</b>		

Judge's Initials \_\_\_\_\_

**4-H Livestock Expo  
Judges Score Sheet**

**Dairy Goat: Level II**

Contestant's Name		Club	
<b>SKILLS DEMONSTRATED</b>	Possible Points	Score	Comments
Catching and Control	7		
Mouthing	7		
Worming	7		
Hoof Trimming	7		
Fitting Questions (2)	12		
<b>TOTAL</b>	<b>40</b>		

Judge's Initials: \_\_\_\_\_

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**4-H Livestock Expo  
Judges Score Sheet**

**Dairy Goat: Level II**

Contestant's Name		Club	
<b>SHOWMANSHIP SKILLS</b>	Possible Points	Score	Comments
Leading, turning, stop	12		
Head held properly	3		
Set up legs	10		
Moving, (side to side, front view)	5		
Posing - front , side, rear	10		
<b>TOTAL</b>	<b>40</b>		

Judges Initial



**4-H Livestock Expo**

**Dairy Goat: Level I & II**

**DAIRY GOAT EQUIPMENT & SUPPLY ID**

Alcohol		Hoof Polish
Balling Gun, Metal or Plastic		Iodine (Betadine)
Bearing Retainer		Kid Holding Box
Blood Stop Powder		Kid Nursing Bottle
Breeding Service Memo		Leg Snare, OB Kid Puller
Brush, Plastic Stiff Bristles		Liquid Soap
Burdizzo		Milk Strainer
Caprine Bucket		Mineral Oil
Clipper Blade, Bottom		Neck Chain, Metal
Clipper Blade, Top		Neck Chain, Plastic
Clipper, Electric Hair		Needle, Disposable
Clipper Oil		Nipple, Pritchard Flutter
Connecting Ring, Metal or Plastic		Registration Form
Disbudder		Scalpel
Ear Tag Applicator		Stainless Steel Pail
Ear Tag, Plastic or Metal		Surgical Gloves, OB
Elastrator		Syringe, Automatic
Elastrator Band		Syringe, Disposable
Electrolytes		Tattoo Applicator
Extension Cord		Tattoo Ink
Feeder, Fence-line		Tattoo Number/Letter
Goat Milking Stand		Teat Spray
Hair Coat Dressing		Thermometer
Heat Lamp		Tie-Out Chain, Ringside
Hoof Trimmer		Vet Wrap
Hoof Plane		

**Madera County 4-H Dairy Goat  
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**QUALITY ASSURANCE**

**FOOD SAFETY and ANIMAL DRUGS:**

**Testing . . . Testing . . . Testing . . . .**

The FDA, USDA, and EPA all work to ensure the safety and efficacy (how well a product works) of the animal health products that go on the market through a rigorous approval process. The drug companies have invested many years and lots of money to get each drug on the market. They don't make this kind of investment so that the drug fails to do what it is supposed to do when used on animals in the field.

The drugs will do what they say they will do **ONLY** when they are used according to the manufacturer's guidelines. These drugs were designed and tested for specific diseases, conditions, animals (age, sex, species), dosages and treatments periods and cannot be guaranteed safe and efficacious if they are not used according to the instructions on the label. The label is a legal document and its instructions are on the label.

- **THE LABEL (INCLUDING FEED TAGS) AND ITS INSTRUCTIONS ARE A LEGAL DOCUMENT.**
- **THE LABEL CAN ONLY BE CHANGED OR ALTERED BY A VETERINARIAN.**
- **THOSE CHANGES MUST BE WRITTEN ON A PRESCRIPTION AND ATTACHED TO THE PRODUCT.**

Livestock producers and their employees are required by law to follow the label. With better records being kept, packers will be able to trace illegal residue problems (meat and milk) and other carcass traits back to the producer and the producer will be held accountable for his part in the condemnation of that carcass.

**THERE ARE SEVEN STEPS IN THE DRUG APPROVAL PROCESS:**

1. ***SCIENTIFIC DISCOVERY***
  - One in 20,000 discovered chemicals makes it to the farm.
2. ***PRELIMINARY TRIALS***
  - Use simple organisms, biotechnology, and computer models to begin testing
3. ***PRE-CLINICAL TRIALS***
  - Perform tests on animals to determine dosages.
4. ***CLINICAL TRIALS***
  - Scientists work with producers to test products in the field to decide withdrawal periods.
5. ***REGULATORY REVIEW***
  - Thorough documentation of testing is reviewed before the company gets permission to produce and sell the product.
6. ***PRODUCT APPROVAL***
  - Drug is approved for use **ONLY** in the ways stated on the label.
  - **LABEL IS A LEGAL DOCUMENT.**
7. ***MONITORING***
  - Government checks for residues in food (meat and milk products).
  - Follow up on the drug and its safety and effectiveness.

**###**

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QUALITY ASSURANCE (cont.)

**A GOOD ANIMAL HEALTH PROGRAM INCLUDES**

A program tailored to your situation by consulting with professionals such as your **VETERINARIAN**.

Nutrition, correctly balanced and proportioned.

Accurate record keeping.

Observing legal withdrawal periods for drugs.

Proper handling facilities and equipment.

Taking time to do the job right.

Looking at the general health of the animal whenever you have the chance.

Be aware of timing your management practices to create as little stress to the animal as possible and to reduce the factors that compound stress.

Deworming, correct products and timing in the parasite's life cycle, including observing legal withdrawal periods.

**ANIMAL HEALTH PRODUCTS CAN HELP YOUR ANIMALS ACHIEVE THEIR GENETIC POTENTIAL. THEIR PROPER USAGE IS AS IMPORTANT AS THE PROPER DRUG.**

Select the correct product for the job – **CONSULT YOUR VETERINARIAN!!**

**READ THE LABEL THAT INCLUDES FEED TAGS !!!!!** Then follow directions!

**OFF LABEL** and extra-label usage is **only LEGAL** with a veterinarian's written prescription and must meet certain FDA requirements. These are:

A valid veterinarian-client relationship is established - The diagnosis of the animal is made by an attending veterinarian who is familiar with the owner's animal and makes routine health checks in the area where the animals are kept.

The health of the animal(s) is at immediate risk and suffering or death of the animal(s) would result if no immediate action was taken.

No approved and marketed drug exists for the condition or that a higher than approved dose would be needed for the drug to be effective.

Accurate records of the off-label usage and the animal must be kept.

- The treated animals can easily be identified for an extended period of time.

The withdrawal time is extended as stated by the veterinarian.

**POSSESSION OF DRUGS AT A FAIR, LIVESTOCK EVENT, ETC. (i.e. Rompun, Ace Promazine, Dexamethazone, Aspirin, Lasix (Furosemide), gentamicin, Banamine, Baytril, etc.) WITHOUT A WRITTEN VETERINARY PRESCRIPTION ATTACHED IS ILLEGAL.**

**NO ILLEGAL RESIDUES OCCUR IN THE EDIBLE PRODUCTS (MEAT & MILK) OF TREATED ANIMAL.**

*A Veterinarian can be fined thousands of dollars and may lose their license if they are found violating FDA laws and regulations.*

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