



**MEAT GOAT
EXPO STUDY GUIDE
Level I & II**

**LARGE ANIMAL EXPO
Madera County 4-H**

**Madera County 4-H Meat Goat
Study Guide Level I & II**
Written Test

	Level I	Level II
Entry Form	28	36
Meat Goat Parts	20	25
True/False	15	20
Matching	10	15
Sub-Total for Written Test	73	96

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	73	96
Total for Expo Skills	143	206
Total Needed to Pass Level	114.4	164.8

REFERENCES:

- Your Dairy Goat (WREP 47)
- Penn State 4-H Market Goat Project Guide
- Minnesota Meat 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 MEAT GOAT STUDY GUIDE
MEAT GOAT TERMS - LEVEL I & II

ABGA	American Boer Goat Association
AMGA	American Meat Goat Association
Anemia	Deficiency of Red Blood Cells and or a quantity of pigment known as hemoglobin. The eyelids and gums can be very light, grey or white. Often a sign of parasitism 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	A male goat.
Buckling	A male goat usually between six months to one year.
Butterfat	The fat content or cream of the milk. Often expressed in percent of milk.
Butting	Method of fighting among goats in which they hit each other with their heads.
Capriculture	Goat husbandry
Castrated	Removal of testes of male goat.
Chevon	Meat goat.
Chewing cud	As with all ruminants, digestion is accomplished by a long process in which food is subjected to bacterial action and then is regurgitated for more chewing.
Creep feeding	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.
Groom	Hair properly groomed, hide soft and pliable.
IBGA	International Boer Goat Association
Kid	Young goat under six month of age.
Nurse goat	Goat nursing kids other than its own.
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 12 months or more.

PLEASE PRINT OR TYPE

LEVEL I & II
LIVESTOCK ENTRY FORM

SCORE

LAST NAME FIRST NAME MIDDLE INITIAL

JUNIOR DEPARTMENT GRADE BIRTH DATE AGE

ADDRESS

ALL DIVISIONS
MADERA DISTRICT FAIR
1850 W CLEVELAND
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	Pen 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 _____

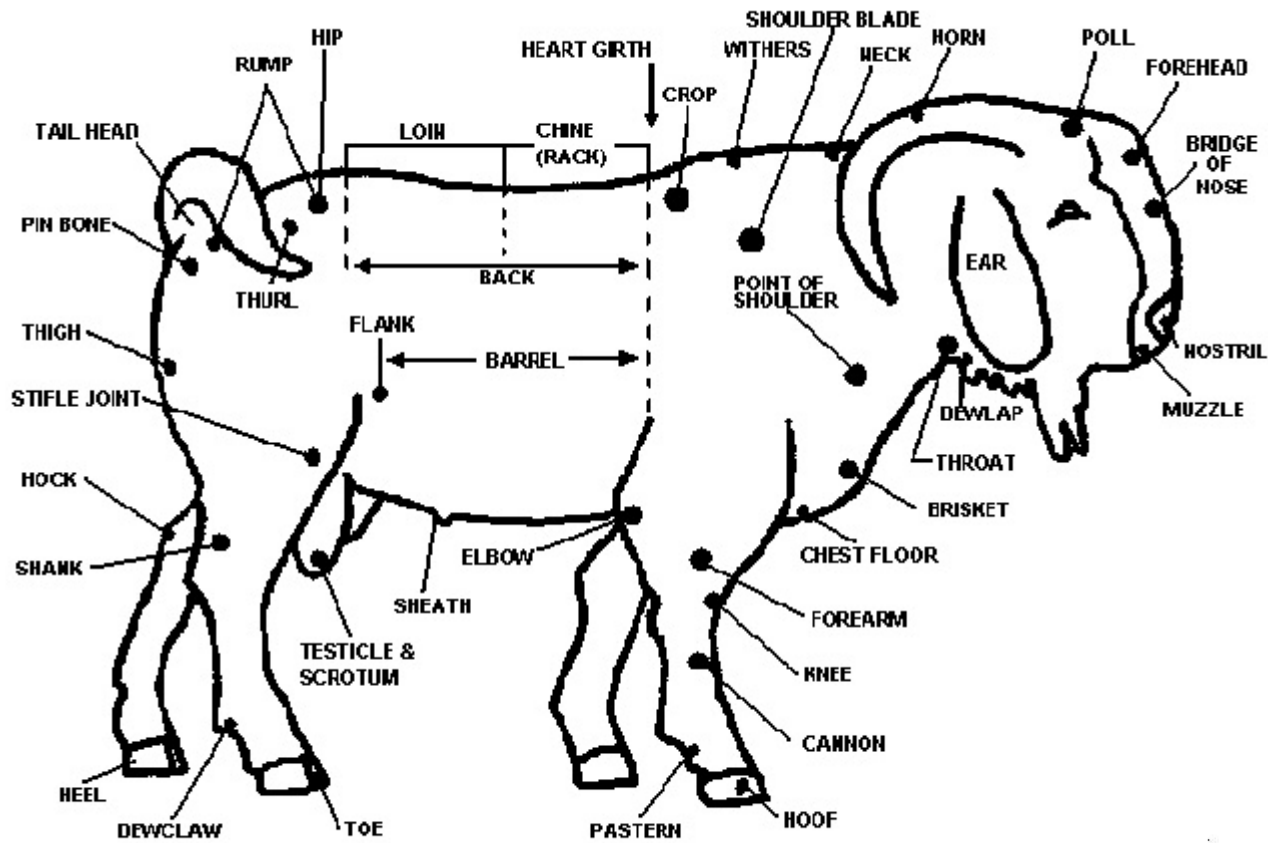
The undersign state herewith, that her/she is a recognized supervisor of the project of which the above entries are a part; that to his/her personal and actual knowledge the statements regarding the same are true; and he/she as read and has full understanding of the rules and regulations governing the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

SIGNATURE OF LEADER/INSTRUCTOR _____

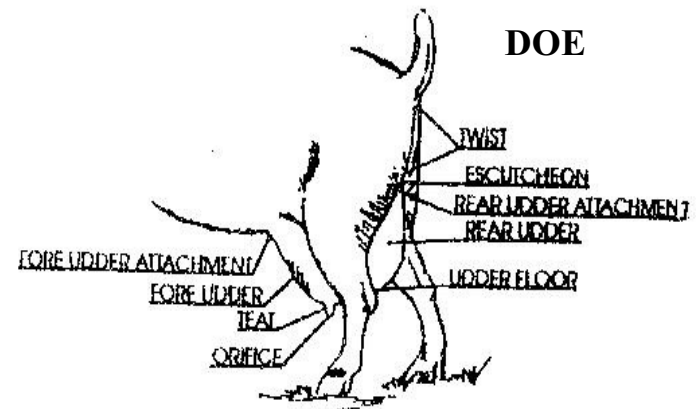
LEADER/INSTRUCTOR TELEPHONE NUMBER _____

MADERA COUNTY 4-H MEAT GOAT STUDY GUIDE
LEVELS I AND II

BOER MEAT GOAT BODY PARTS



BUCK



DOE

MADERA COUNTY 4-H MEAT GOAT STUDY GUIDE

MEAT GOAT EQUIPMENT & SUPPLY ID

LEVEL I EQUIPMENT ID

Balling gun (plastic or metal)
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 Fitting Stand
Heat Lamp
Hoof Trimmer
Kid Holding Box
Kid Nursing Bottle
Liquid Soap
Neck Chain, Metal
Neck Chain, Plastic
Needle, Disposable
Nipple, Pritchard Flutter
Rope Halter
Syringe, Disposable
Teat Spray
Thermometer

LEVEL II EQUIPMENT ID

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

Madera county 4-H Livestock Expo - Meat Goat
Judges Score Sheet
Meat Goat: Level I

Name		Club	
SKILLS DEMONSTRATED	Possible Points	Score	COMMENTS
Catching and Control	5		
Mouthing	5		
Hoof Trimming, 1	5		
Fitting Question, 2	10		
TOTAL	25		

Judge Initials _____

Madera County 4-H Livestock Expo - Meat Goat
Judges Score Sheet
Meat Goat: Level I

Name		Club	
SHOWMANSHIP SKILLS	Possible Points	Score	COMMENTS
Leading, turning, stop	6		
Head held properly	2		
Set up legs	5		
Posing - front, side, rear	12		
TOTAL	25		

Judge Initials _____

Madera County 4-H Livestock Expo - Meat Goat

Judges Score Sheet
Meat Goat: Level II

Name		Club	
SKILLS DEMONSTRATED	Possible Points	Score	COMMENTS
Catching and Control	7		
Mouthing	7		
Worming	7		
Hoof Trimming	7		
Fitting Questions (2)	12		
TOTAL	40		

Judge Initials _____

Madera County 4-H Livestock Expo - Meat Goat
Judges Score Sheet
Meat Goat: Level II

Name		Club	
SHOWMANSHIP SKILLS	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		
TOTAL	40		

Judge Initials _____

Madera County 4-H Livestock Expo - Meat Goat

Judges Score Sheet
Meat Goat: Levels I & II

Name	Club
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MEAT GOAT EQUIPMENT & SUPPLY ID

	Alcohol		Hoof Plane
	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		Mineral Oil
	Caprine Bucket		Neck Chain, Metal
	Clipper Blade, Bottom		Neck Chain, Plastic
	Clipper Blade, Top		Needle, Disposable
	Clipper, Electric Hair		Nipple, Pritchard Flutter
	Clipper Oil		Rope Halter
	Connecting Ring, Metal or Plastic		Registration Form
	Disbudder		Scalpel
	Ear Tag Applicator		Surgical Gloves, OB
	Ear Tag, Plastic or Metal		Syringe, Automatic
	Elastrator		Syringe, Disposable
	Elastrator Band		Tattoo Applicator
	Electrolytes		Tattoo Ink
	Extension Cord		Tattoo Number/Letter
	Feeder, Fence-line		Teat Spray
	Goat Fitting Stand		Thermometer
	Hair Coat Dressing		Tie-Out Chain, Ringside
	Heat Lamp		Vet Wrap
	Hoof Trimmer		Wether Tube

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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.

1. **THE LABEL (INCLUDING FEED TAGS) AND ITS INSTRUCTIONS ARE A LEGAL DOCUMENT.**
2. **THE LABEL CAN ONLY BE CHANGED OR ALTERED BY A VETERINARIAN.**
3. **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.

De-worming, 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 and 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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