

DAIRY GOAT

DAIRY GOAT STUDY GUIDE
Livestock Expo
Madera County 4-H

| Level I | Level II | Level III | |
|------------------------|-------------------------|--|--|
| Entry Form (market) | Entry Form (registered) | ID age and udder | |
| Parts (20) | Parts (25) | Parts (31) | |
| T/F (25 questions) | T/F (25 questions) | Quiz/Terms, Diseases, Parasites, Nutrition | |
| Feed ID (5) | Feed ID (10) | Feed ID (15) | |
| Equipment ID (15) | Equipment ID (20) | Breed ID (5) | |
| Judging (1 class) | Judging (1 class) | Judging (1 class) | |
| Skills and Showmanship | Skills and Showmanship | Management and Clipping Skills | |

REFERENCES:

Your Dairy Goat (WREP 47), and Your Dairy Goat (Leaflet 2736) available at 4-H Office.
Level III - Dairy Project Manual 4-H 2009, Oregon Pygmy Goat Manual.
Feed I.D. kits are also available at the 4-H Office for you to check out and study.

GOAT TERMS - LEVEL I & II
LIVESTOCK EXPO - Madera County 4-H

1. Kid: young goat under six months of age.
2. Doe: female goat.
3. Buck: male goat.
4. Kidding: giving birth to young.
5. Sire: father.
6. Dam: mother.
7. Chevon: goat meat.
8. Bloat: excessive gas build up in the rumen (stomach).
9. Cull: animal taken out of herd because below herd standards.
10. Dehorn: removing of horns.
11. Dry goat: goat not milking.
12. Fill: amount of water and feed in a animal.
13. Nurse goat: goat nursing kids other than its own.
14. Ration: total feed given during 24 hours (1 day).
15. Scours: diarrhea or loose running manure.
16. Polled: goat born without horns.
17. Castrate: removal of testes of male goat.
18. Wean: kid just taken away from its mother.
19. Bred doe: a pregnant doe.
20. Grooming: hair properly groomed, hide soft and pliable.

GOAT TERMS - LEVEL III & IV - May include Level I & II Terms
LIVESTOCK EXPO - Madera County 4-H

1. Barren: not able to produce a young.
2. Cod: scrotum of castrated male goat that contains fat.
3. Colostrum: first milk produced by the dam after giving birth.
4. Concentrate: feed stuff (such as grains) are low in fiber and high in digestive nutrients.
5. Condition: degree of fatness in meat animals.
6. Conformation: refers to shape and design of body.
7. Cow hocked: hocks turn in toward each other when standing or walking.
8. Crossbred: mating of purebred goats but of different breeds.
9. Cud: regurgitated feed or bolus from stomach.
10. Dressing percent: percent which the chilled carcass is of the live weight.
$$\frac{\text{Dressing Weight}}{\text{Live Weight}} \times 100 = \text{dressing \%}$$
11. Estrus: period of heat, able to conceive 1-2 days.
12. Freshen: doe that begins to produce milk after kidding.
13. Gestation: period animal is pregnant 145-155 days.
14. Grade: animal with one purebred parent and the other a grade or scrub.
15. Purebred: animal whose sire and dam are registered with the registry association.
16. American: an American is the result of three successive generations of "grading up" by breeding to purebred sires of one breed. Americans can be developed in all breeds.
17. Registered: a purebred which is itself recorded with the registry association.
18. Scrub: an animal of unknown or unproved ancestry.
19. Udder: the mammary or milk producing glands of the female.
20. Lactation period: time during which milk is produced.
21. Pedigree: written statement giving the record of an animals ancestry (family tree).
22. Post legged: too straight in hind legs.
23. Replacement: animal selected to keep in a milking herd.
24. Roughage: coarse feeds - such as hay, that is high in fiber and low in total digestible nutrients.
25. Ruminant: four stomach animal.

GOAT EQUIPMENT/SUPPLY I.D.
LIVESTOCK EXPO - Madera County 4-H

| | |
|------------------------------|----------------------------|
| hoof trimmer | dehorning paste |
| sanitary strainer | self-anchoring stake |
| kidney-shaped feed pan | steel goat chain |
| stainless steel pail | connecting ring |
| goat halter | goat owner record sheets |
| O.B. leg snare (kid puller) | kid nursing bottle |
| automatic syringe | kid nursing nipple |
| disposable syringe | metal balling gun |
| disposable needle | plastic balling gun |
| goat milking stand | elastrator |
| rice root brush | flexible curry |
| plastic stiff bristles brush | hair coat dressing |
| plastic neck chain tag | ear tag |
| tattoo applicator | ear tag applicator |
| tattoo ink | bearing retainer |
| tattoo number/letter | wire nursing bottle holder |
| liquid soap | hair dip |
| hand trimming shears | electric hair clippers |
| hand animal clippers | top hair clipper blade |
| hoof polish | bottom clipper blade |
| plastic neck chain | plastic connecting ring |

SHOWMANSHIP SCORECARD(FILL IN THE BLANK)

APPEARANCE OF ANIMAL _____POINTS

CONDITION _____POINTS
SHOWING NORMAL GROWTH, NOT TOO FAT OR TOO THIN, FREE FROM ILLNESS

HAIR AND HOOVES _____POINTS
THE COAT SHOULD BE CLEAN AND HEALTHY. TRIM ONLY ACCORDING TO BREED SPECIFICATIONS. THE UNDERCOAT SHOULD BE COMBED OUT UNLESS THE CLIMATE OR SEASON PRECLUDES THIS. HOOVES SHOULD BE TRIMMED EVENLY SO THE FEET STAND SQUARELY ON THE GROUND.

CLEANLINESS AND TRIMMING _____POINTS
THE ANIMAL SHOULD BE CLEAN AND FREE FROM ANY DIRT IN THE COAT. THE FACE SHOULD BE CLEANED THOROUGHLY WITH SPECIAL ATTENTION TO EYES AND NOSE. REMOVE ALL TRACES OF ALFALFA DUST. THE TAIL SHOULD BE CLEANED OF ALL FECAL MATTER, STICKINESS OR MATTING FROM DISCHARGE. HOOVES SHOULD ALSO BE FREE FROM FECAL MATTER AND ACCUMULATED DIRT. THE EARS SHOULD BE CLEAN.

APPEARANCE OF EXHIBITOR _____POINTS
THE EXHIBITOR SHOULD BE NEATLY DRESSED. CHOOSE COLORS AND CLOTHES THAT WILL NOT DISTRACT FROM THE ANIMAL.

SHOWING ANIMAL IN THE RING _____POINTS
LEADING _____POINTS
THE EXHIBITOR SHOULD ENTER THE RING AND FOLLOW THE DIRECTION OF THE JUDGE, LEAD THE ANIMAL IN A CLOCKWISE DIRECTION UNLESS TOLD DIFFERENTLY. ALWAYS KEEP THE GOAT BETWEEN YOURSELF AND THE JUDGE. THE EXHIBITOR SHOULD HOLD THE LEAD IN SUCH A WAY AS TO NOT ALLOW EXCESS LEAD MATERIAL TO HANG DOWN. BOTH THE EXHIBITOR AND ANIMAL SHOULD WALK AT A NORMAL PACE. THE EXHIBITOR MUST ALWAYS WATCH THE JUDGE FOR INSTRUCTIONS AND POSITION.

STANDING AND SHOWING _____POINTS
THE EXHIBITOR SHOULD ALWAYS KEEP THE GOAT BETWEEN HIMSELF AND THE JUDGE. THE ANIMAL SHOULD BE SET UP IN THE MOST ADVANTAGEOUS MANNER WHENEVER YOU ARE STOPPED.

EXHIBITOR BEHAVIOR _____POINTS
THE EXHIBITOR SHOULD BE COURTEOUS, RESPONSIVE, AND ALWAYS ALERT. A SMILE IS ALWAYS APPRECIATED.

TOTAL _____POINTS

**DAIRY GOAT EXPO
HANDS-ON**

I.D. # _____

| | Points | Possible Points |
|--|--------|-------------------|
| APPEARANCE OF ANIMAL | | 40 |
| <u>CONDITION</u> Showing normal growth, not too fat or too thin, free from illness. | | 10 |
| <u>HAIR AND HOOVES</u> The coat should be clean and healthy. Trim only according to breed specifications. The undercoat should be combed out unless the climate or season precludes this. Hooves should be trimmed evenly so the feet stand squarely on the ground. | | 10 |
| <u>CLEANLINESS AND TRIMMING</u> The animal should be clean and free from any dirt in the coat. The face should be cleaned thoroughly with special attention to eyes and nose. Remove all traces of alfalfa dust. The tail should be cleaned of all fecal matter, stickiness, or matting from discharge. Hooves should also be free from fecal matter and accumulated dirt. They should be clean. | | 20 |
| APPEARANCE OF EXHIBITOR The exhibitor should be neatly dressed. Choose colors and clothes that will not distract from the animal. | | 10 |
| SHOWING ANIMAL IN THE RING | | 50 |
| <u>LEADING</u> The exhibitor should enter the ring and follow the direction of the judge, lead the animal in a clockwise direction unless told differently. Always keep the goat between yourself and the judge. The exhibitor should hold the lead in such a way as to not allow excess lead material to hang down. Both the exhibitor and animal should walk at a normal pace. The exhibitor must always watch the judge for instructions and position. | | 20 |
| <u>STANDING AND SHOWING</u> The exhibitor should always keep the goat between himself and the judge. The animal should be set up in the most advantageous manner whenever you are stopped. | | 20 |
| <u>EXHIBITOR BEHAVIOR</u> The exhibitor should be courteous, responsive, and always alert. A smile is always appreciated. | | 10 |
| | | |
| TOTAL | | 100 POINTS |

**DAIRY GOAT SKILLS AND SHOWMANSHIP - LEVEL I
LIVESTOCK EXPO - Madera County 4-H**

| SKILLS DEMONSTRATION | Possible Points | Score | Comments |
|---|-----------------|-------|----------|
| Catching and control | 5 | | |
| Mouthing | 5 | | |
| Hoof Trimming (1 hoof) | 5 | | |
| Fitting questions (2) | 10 | | |
| TOTAL | 25 | | |
| SHOWMANSHIP | | | |
| Leading, turning, stop | 6 | | |
| Head held properly (proper use of neck chain) | 2 | | |
| Set up legs (reaching, front & rear) | 5 | | |
| Posing - front, side rear | 12 | | |
| TOTAL | 25 | | |

**DAIRY GOAT SKILLS AND SHOWMANSHIP - LEVEL II
LIVESTOCK EXPO - Madera County 4-H**

| SKILLS DEMONSTRATION | Possible Points | Score | Comments |
|---|-----------------|-------|----------|
| Catching and Control | 5 | | |
| Mouthing | 5 | | |
| Worming | 5 | | |
| Hoof trimming | 5 | | |
| Fitting questions (2) | 10 | | |
| TOTAL | 30 | | |
| SHOWMANSHIP | | | |
| Leading, turning, stop | 12 | | |
| Head held properly (proper use of neck chain) | 3 | | |
| Set up legs (reaching, front & rear) | 10 | | |
| Moving (side to side, front view) | 5 | | |
| Posing - front, side, rear | 10 | | |
| TOTAL | 40 | | |

DAIRY GOAT SKILLS - LEVEL III
LIVESTOCK EXPO - Madera County 4-H

| SKILLS DEMONSTRATION | Possible Points | Score | Comments |
|--|-----------------|-------|----------|
| Safely restrain animal | 5 | | |
| Demonstrate use of balling gun | 5 | | |
| Fill syringe with 5 cc. penicillin | 5 | | |
| Where will injection be given | 5 | | |
| Using the label give the: Expiration date | 5 | | |
| Withdrawal time | 5 | | |
| Demonstrate clipping skills: Safety | 5 | | |
| Clip tail, one leg (knee or hock down) | 15 | | |
| TOTAL | 50 | | |