

## New Jersey 4-H Goat Quiz Bowl Sample Questions

4-H members competing in the Goat Quiz Bowl as part of the NJ 4-H Goat Extravaganza are encouraged to study the National 4-H Dairy Goat (\$17.50 for series of four books) and National 4-H Meat Goat (\$17.50 for series of four books) curriculum available at 4-hmall.org. Several questions will come from those listed here.

Questions	Answers
What are the four compartments of a goat's stomach?	rumen, reticulum, omasum, abomasum
How long is a doe's gestation period?	approximately 5 months OR 145-155 days
What is the proper term for an uncastrated adult male goat?	buck
You can make butter out of goat's milk. True or False.	True
Which of the following animals is not a ruminant? a. sheep b. cow c. horse d. deer	c. horse
What is homogenization?	breaking down and reducing size of fat globules in milk
Goats can be bred by artificial insemination. True or False.	True
A pH of 7 is considered: a) acidic b) neutral or c) basic	b. neutral
What is goat meat called?	chevon, cabrito
What is the major physical difference between goat and cow's milk?	smaller fat globules in goat milk (natural homogenization in goats milk)
What kind of a doe has very small ears?	LaMancha
What kind of a doe has very long ears?	Nubian, Boer
What is the main food of a kid 0 to 3 days of age?	colostrum
Regular milking machines can be adapted for goats. True or False	True
How many times a year should a doe freshen?	once
What breed of goat is all white?	Saanen
Mature does most commonly have two kids. True or False.	True
How often should you trim your goat's hooves?	every 3-6 weeks
What temperature of water should be used to rinse milking equipment immediately after use.	110-120 F
If the topline tends to dip, should the doe's head be held a little higher or a little lower?	lower
Describe two symptoms of ketosis in a goat.	depressed, off-feed, wobbly gait, acetone odor on breath, constipation, mucous-covered feces, drop in milk production
Name two common types of goats other than dairy goats.	meat, fiber, companion/pet
What is the biggest cost item in producing milk?	feed
Name three internal parasites?	coccidia, liver flukes, lungworm, intestinal roundworms and stomach roundworms
Describe two areas on the goat involving "Dairy Character".	neck, withers, ribs, flank, thighs, skin
Why should you not feed strong flavored feeds such as onion or cabbage within four hours before milking?	milk picks up flavor - milk will pick up odor or taste
Name two external parasites of goats?	lice, mange mites, ticks, fleas, flies, screw worms, and fly maggots
What kind of doe comes from the French Alps?	Alpine
What should a goat's navel be dipped in immediately after being born?	iodine
What is a goat's normal heartbeat per minute?	70-95
How much should a young, standard-sized dairy goat doe weigh before it is bred?	80-90 lbs.
What is minimum recommended housing area per goat:	12-20 sq. ft.
Which of the following is not a symptom of foot rot? a. lameness b. swelling of foot c. heat in foot d. runny nose	d. runny nose

How many compartments does a goat stomach have?	four
Which nutrient is required in the largest amount?	water
What vitamin is essential for normal clotting of blood?	Vitamin K
Name one of the two smallest breeds of goats.	Pygmy or Nigerian Dwarf
If the topline tends to dip, bringing the does hind legs closer to the front legs will help raise it. True or False	True
What hormone is responsible for maintaining pregnancy?	progesterone
Why is it not good to use copper, iron or chipped enamel utensils with milk?	milk can acquire off flavors from metal
What is a test for determining internal parasite invasion?	egg count in stool specimen
Name a recommended method of identifying your goats.	ear tagging, tattooing, microchipping
What is the proper term for a female goat?	doe
What do the letters ADGA stand for?	American Dairy Goat Association
What is the milk producing gland of the doe?	udder
What word describes the time when a doe is in milk?	lactation
What do you call a goat that naturally has no horns?	polled
What word describes the doe when she is not milking?	dry
What muscle in the teat stops the milk from leaking out?	sphincter
How much does a gallon of goat milk weigh?	8.6 lbs.
Which is the largest of the four stomachs of a kid?	abomasum
What is the term used for removing a young kid's horns?	disbudding
What do you call the "tassles" some goats have on their necks?	wattles
Another word for afterbirth is _____.	placenta
What are the four major parts of the dairy goat scorecard?	general appearance; body capacity; dairy character; mammary system
What is meant by the initials DHIR?	Dairy Herd Improvement Registry
A goat has how many dewclaws.	four
What is the normal birth weight of a kid?	5-7 pounds
What causes white muscle disease?	selenium deficiency
Why doesn't a healthy goat require additional vitamin B and C supplements?	she can synthesize them in the rumen
Milk is at what temperature when it comes from the goat?	103 degrees F.
Milk is one of the best sources of what mineral for humans?	calcium
What is kidding?	female giving birth to young
The Nubian has upright ears. True or False.	False - it has pendulous ears
What is the best food for kids less than 4 months old?	whole goat's milk
What is the most obvious characteristic of the LaMancha?	short ears
Which breed of dairy goat is usually the largest?	Saanen
Give two reasons you should feed your goat a balanced ration.	to maintain health and efficient milk production
What is gestation?	the time in which the doe carries her young (pregnancy)
Mastitis is an inflammation of the _____.	udder
Name two fat soluble vitamins.	Vitamins A, D, E, K
Milk is a good source of what B vitamin?	riboflavin
What do the letters USDA stand for?	United States Department of Agriculture
What does "fitting" mean?	cleaning, trimming, clipping
What is laminitis?	inflammation of the tissue of the feet
Which state has the most goat dairies?	California
Which state raises the most meat goats?	Texas
When kidding, which legs of the kid usually come first.	front
What is a ruminant?	cud chewing animal with a 4-compartment stomach
Define a "kid".	young goat under 1 year of age

What color are the prescribed clothes for showing dairy goats?	white
What vitamin deficiency is associated with white muscle disease?	Vitamin E
Name two indicators of good quality hay:	a. leafiness, b. green color, c. softness, d. small stems, e. good smell
Butterfat percentage of average goats' milk is ____%.	3.5%
List two macro minerals.	calcium, phosphorus, sodium, chloride, magnesium, potassium and sulfur
Goats milk is normally what percentage water?	88%
The science that deals with inheritance is:	genetics
What is the first milk given after kidding?	colostrum
_____ are disease protection protein particles found in colostrum.	antibodies
What is the major cause of death in diarrhea cases?	loss of body fluids
What do we call a buck that has been castrated?	wether
Where is the poll located?	on top of the head
A pronounced Roman nose on any breed other than the _____ is a serious fault.	Nubian
What organization provided the uniform score card for judging?	American Dairy Goat Association
A good disinfectant, used liberally, is one way of guarding against spread of _____.	disease, mastitis, bacteria, etc.
Which one of the following is not a roughage? a) oat hay, b) alfalfa, c) grass, d) corn.	d. corn
The breed of dairy goat most common in the United States is _____.	Nubian
Name the town and state where the American Dairy Goat Association is located?	Spindale, North Carolina
In what part of the whole milk are most of the off flavors found?	fat
Name five breeds of dairy goats.	Alpine, LaMancha, Nigerian Dwarf, Nubian, Oberhasli, Saanen, Sable, and Toggenburg
What term describes the circumference of the chest measured behind the elbows?	girth
What term describes the highest part of the back, where the shoulder blades almost touch?	withers
What is another name of overeating disease?	Enterotoxemia
What term describes the mid section of the body referring to the rib cage area?	barrel
How many teats should a goat have?	two
What term describes the portion of the foot between the dewclaw and the hoof?	pastern
What term describes the projection of the leg behind the pastern?	dew claw
What is a record of a goat's family background called?	pedigree
Where is a goat tattooed?	in the ear or the hairless part of the tail
What do the initials "AI" stand for?	artificial insemination
What is another word for "heat" in goats?	estrus
What breed is known for their high butterfat?	Nubian
What is the accumulation of excessive amounts of gas in the rumen called?	bloat
What is the oldest registered breed of any animal in the world?	Toggenburg

A lack of what nutrient will result in the death of an animal the quickest?	water
What two important factors are involved in proper pasteurization of milk?	time and temperature
The average length of a doe's estrus cycle is _____.	21 days
Which hormone is responsible for milk let down?	oxytocin
What liquid compound is used to freeze and store frozen semen?	liquid nitrogen
What do we mean by a cloven hoof?	split into two parts
Which stomach compartment is known as the fermentation vat?	rumen
One way to pasteurize milk is to heat it to 145 degrees F for _____ minutes.	30
Which two minerals are important in building bones and teeth?	calcium and phosphorus
Another name for kidding is _____.	parturition
Soybean oil meal and cottonseed meal are what kind of supplements?	protein supplements
How many knees does a goat have:	2
Name two feedstuffs that are high in protein.	cottonseed oil meal, soybean, linseed oil meal, canola meal, alfalfa
A doe will require less, more, or the same amount of feed after her kid is born.	more
When you enter the show ring, do you lead in a clockwise or counter-clockwise direction in the circle?	clockwise
What causes hardware disease?	goats eating sharp objects (nails, wire, etc.) that puncture the stomach wall
Name one meat breed of goat characterized by long pendulous ears?	Boer (another rarer breed would be Savanna)
The Boer goat originated in what country?	South Africa
Name three products made from goat milk.	cheese, ice cream, yogurt, fudge, butter, soap
Which breed of dairy goat produces the most milk?	Saanen
When showing meat goats, what kind of clothing should the exhibitor wear?	clean clothes, dark pants
During what season of the year are both dairy and meat does most likely to get pregnant?	Fall
When reproducing, the doe provides the egg cell. What does the buck provide?	sperm
When reproducing, the buck provides the sperm cell, what does the doe provide?	egg
What kind of digestive system does a goat have?	ruminant
What activity distinguishes a ruminant from a non-ruminant?	it chews its cud
What is often added to feed to control dustiness?	molasses

**Good Luck!**