

ALL ABOUT MY GOAT

My goat's name is : _____

My goat is a _____ Buck _____ Doe _____ Wether

My goat has a _____ tattoo number
_____ eartag number

The number is: _____ left ear _____ right ear

My goat was born : Month _____
Day _____
Year _____

My goat weighed _____ pounds at birth OR
My goat weighed _____ pounds when I bought him/her

The breed of my goat is _____

My goat is _____ polled
_____ disbudded
_____ horned

Here is a photograph of my goat

RECORDS I KEEP ON MY GOAT

For kid or yearling projects

My goat was weaned on this date: _____

I brought my goat home on this date: _____

If disbudded, my goat was disbudded on this date: _____

If castrated, my goat was castrated on this date: _____

method used? _____ rubber band _____ knife _____ burdizzo

For breeding doe projects

My doe was bred on these dates: _____

She was bred to: _____

(write in buck's name, breed, and number if known)

My doe kidded on this date: _____

She had _____ buck kids _____ doe kids

For all projects

Was your goat ever sick this year? _____ yes _____ no

What was your goat sick with?

What did you do when your goat was sick?

What sort of medicine did your goat get?

What is the name of your veterinarian? Dr. _____

Some of the things my veterinarian does with my goat are:

RECORDS I KEEP ON MY GOAT)

These are the shots my goat had already had when I got him/her

	Type of shot	Dates given	
_____	Clostridium C & D vaccine	_____	_____
_____	Tetanus vaccine	_____	_____
_____	Selenium and Vitamin E	_____	_____
_____	Rabies	_____	_____
_____	_____	_____	_____

Remember that if your goat only got Tetanus and Clostridium C & D antitoxin shots, he will still need Tetanus and Clostridium C & D vaccines for year round protection against these diseases

These are the shots I got for my goat after I got him/her

	Type of shot	Dates given	
_____	Clostridium C & D toxoid	_____	_____
_____	Tetanus toxoid	_____	_____
_____	Selenium and Vitamin E	_____	_____
_____	Rabies	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Goats can get parasites. What are parasites?

Some of the parasites goats can get are worms, coccidia, and lice. My goat was dewormed, treated for coccidia or treated for lice on these dates:

type of medicine	dose given	dates
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

FEEDING MY GOAT – Part 1

My goat is a ruminant. Unlike me, she chews her cud.

_____ I have watched my goat chew her cud.

_____ I have seen a cud.

Unlike me, she has four parts to her stomach. One of these sections is the rumen where food is fermented by tiny bugs or micro-organisms.

_____ I have smelled my goat's breath to see how these bugs produce stinky gases when they are digesting her food.

Roughage is food that is high in fiber.

_____ I have scraped grass with a serrated plastic knife to find the fiber in the grass.

A roughage I feed my goat is:

My goat started to eat this when he/she was _____ weeks old.

Concentrates are foods that are high in energy.

A concentrate I eat is:

A concentrate I feed my goat is:

My goat started to eat this when he/she was _____ weeks old.

Animals also need protein to grow and live.

I get my protein from:

My goat gets protein from:

When my goat was born he/she could not eat much fiber. He/she could not eat roughage or grain.

Instead, my goat got protein and energy from _____.

The type of milk I fed my goat was _____.

How many times a day did you feed him/her this milk?

Who helped you feed the milk?

Did you use a bottle or what to feed the milk?

FEEDING MY GOAT –Part 2

For kids you are hand rearing or did hand rear

My kid gets/got: type of milk _____
type of milk replacer _____

I started him/her on this when he/she was _____ weeks old

I give/gave it to my kid _____ once _____ twice _____ three times daily

I give/gave it to my kid in a _____

I give/gave my kid _____ fluid ounces of milk or milk replacer each day

I stopped feeding him this when he was _____ weeks old

For kids after weaning

My kid started eating concentrate when he/she was _____ weeks old

At weaning he ate _____ pounds of grain daily

Now he eats _____ pounds of concentrate daily

The kind of concentrate he gets is:

My kid started eating hay when he/she was _____ weeks old

The kind of hay he /she gets is:

My hay weighs about _____ pounds per bale

At weaning my kid ate about _____ pounds of hay per day (how many days did it take to use up a whole bale feeding your kid? _____).

Now my kid eats about _____ pounds of hay per day (how many days does it take you to use up a whole bale feeding your kid? _____).

My kid also eats:

_____ mineral salt, type of mineral salt: _____

_____ pasture, how many hours per day is your kid on pasture: _____

_____ other:

For does:

My doe eats _____ pounds of concentrate daily. The kind of concentrate she eats is:

My doe eats _____ pounds of hay daily. The kind of hay she eats is:

My hay weighs about _____ pounds per bale. A bale lasts her about _____ days.

My doe also eats:

_____ mineral salt, type of mineral salt: _____

_____ pasture, how many hours per day is your doe on pasture: _____

_____ other:

WHAT I FEED MY GOAT

attach labels from any milk replacers or commercial grain or salt mixes you fed here.

also staple on baggies filled with samples of the hay, pasture and/whole grains you feed. Be sure to label each bag with masking tape telling what is in it.

TASKS I CAN DO

- _____ I can feed my goat.
- _____ I can measure the right amount of concentrate to feed my goat.
- _____ I can measure the right amount of hay to feed my goat.
- _____ I can water my goat.
- _____ I can brush my goat.
- _____ I can read a thermometer.
- _____ I can take my goat's temperature.
- _____ I can drench my goat.
- _____ I can lead my goat.
- _____ I can read a scale or a weigh tape.
- _____ I can set up a tattooer or eartagger with the proper numbers someone asks me to put in.
- _____ I can put the rubber bands on an elastrator.
- _____ I can tell if a goat is a buck, doe or wether.

Who taught your goat to lead?

Who taught your goat to tie?

What are three signs of a healthy goat?

What are some signs that your goat might be sick?

Name three parts of a goat's body:

Can you point out these parts on a live goat?

I have watched a goat being:

I helped by:

- | | |
|-----------------------------|-------|
| _____ born | _____ |
| _____ disbudded | _____ |
| _____ tattooed or eartagged | _____ |
| _____ weighed | _____ |
| _____ trimmed (hooves) | _____ |
| _____ clipped (hair) | _____ |
| _____ milked | _____ |
| _____ vaccinated | _____ |
| _____ wormed | _____ |

I have eaten goat meat _____ yes _____ no

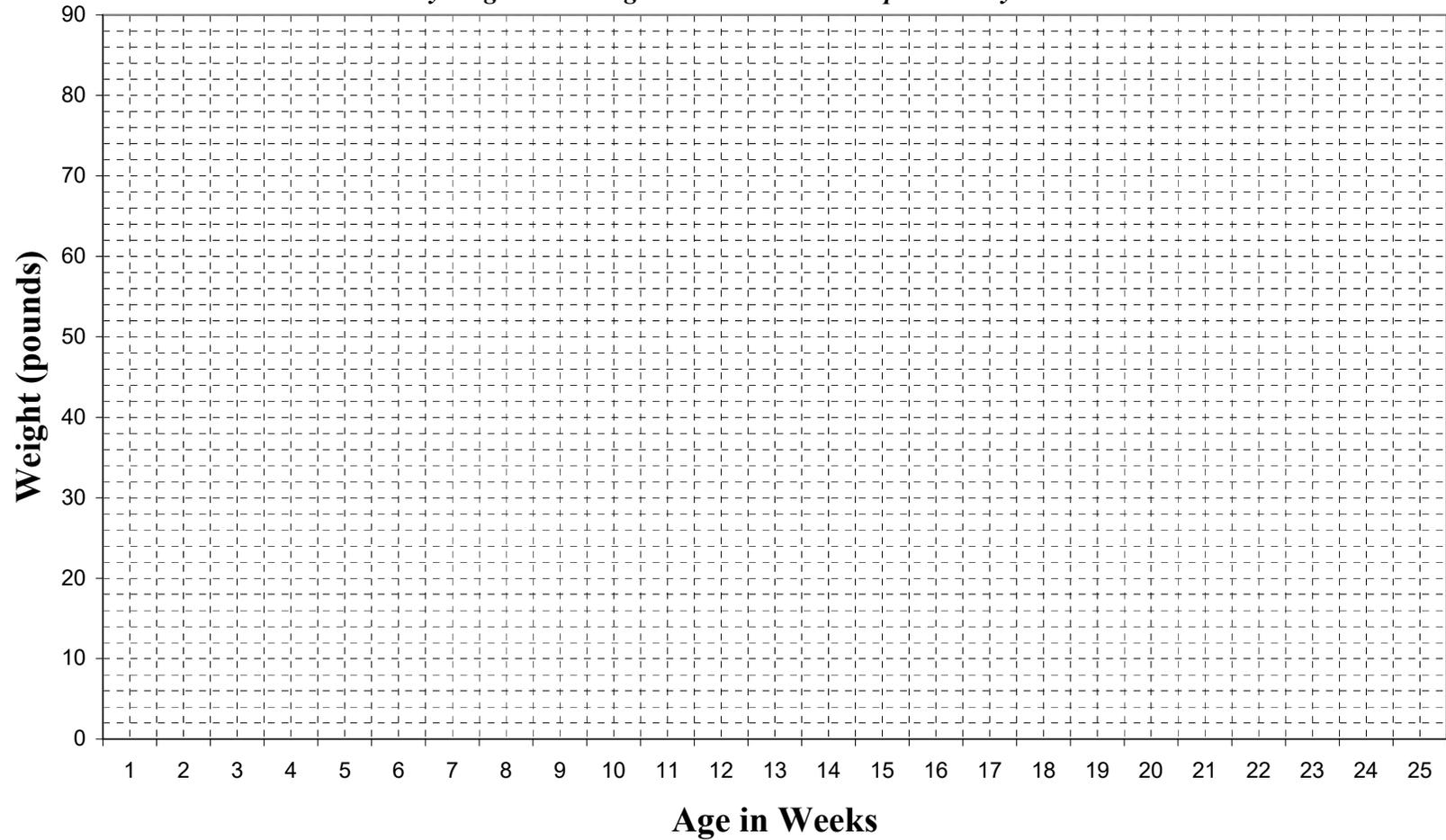
If you have tried goat meat, how did it taste to you?

GOAT FINANCIAL RECORD – you can label a large envelope as “income” and another one as “expenses” and keep your receipts and invoices in them to add up regularly.

List your income items (sale of goats, goat meat, etc.) below:	Earnings \$
Add up your income to get TOTAL INCOME:	
List your expense items (feed costs, health costs, etc.) below:	Cost \$
Add up your expenses to get TOTAL EXPENSES:	
TOTAL INCOME – TOTAL EXPENSES = TOTAL EARNINGS	
Did the market value of your goat increase over the year? How much?	
Did you get other value from the project? Explain:	

HOW IS MY GOAT GROWING?

Graph Your Kid's Growth - *it is a good idea to weigh young kids every week or two to make sure they are growing well and do not have a health problem. Try to weigh the same day of the week. A young kid should grow at least 1/3 to 1/2 pound daily.*



Graph Your Kid's Growth - *as your kid gets older you may only weigh him once a month. If so, try to weigh him about the same time each the mont.h*



SUMMARY OF MY PROJECT

The thing I enjoyed most about this project was:

My biggest difficulty with this project was:

The most exciting thing I learned to do was:

The hardest thing I learned to do was:

What agricultural public presentations, talks, articles, fieldtrips, or workshops did you participate in or present to your club, school, community, or the general public:

The following “HOW TO” SHEETS are recommended only for seniors and are optional. They are included to help you keep track of your expenses and various other records. Unless your county or 4-H leader requires it, these forms do not need to be included in your project notebook for project evaluations. However, we recommend that if at all possible you include any of these forms that you do end up using. This is because they can help an evaluator to understand how you got at your final figures and some of the challenges you had to meet during your project. These records may count as extra credit for project notebook competitions such as the section in the Kimber Hamm Goat Rancher Award at the NY State Fair.

Please note – if you keep all your hay, grain and other expenses for your goat separate from feed and equipment for any other livestock your family owns, you can probably figure out your goat’s financial report without using the “how to” sheets. Instead, take three manila envelopes. Label one each for “feed”, “health” and “other” expenses. Every time you buy feed, etc. for your goat put the receipt in the correct envelope. At the end of your project, tally up the receipts in each envelope and fill out the proper blanks in your kid’s financial report. An itemized list of these expenses (one expense item listed per row) may be used as extra credit for project notebook competitions. Good luck! Remember, it is always a good idea to figure out approximately how much hay and concentrate you offer your goat daily.

“HOW TO” SHEET FOR HEALTH RECORDS

Was your goat ever sick this year? _____ yes _____ no

What was your goat sick with?

Why do you think your goat got sick?

Is there anything you can do to prevent this illness?

Be sure to include the costs of any medicines or vet calls because of this illness in the table at the bottom of this page.

Cost of any injections your goat got this year after you owned him/her

	Type of shot	Dates given	Total Cost
_____	Clostridium C & D toxoid	_____	_____
_____	Tetanus toxoid	_____	_____
_____	Selenium and Vitamin E	_____	_____
_____	Rabies	_____	_____
_____	_____	_____	_____
TOTAL	_____	_____	_____

Cost of parasite treatments your goat got this year after you owned him/her:

Type of medication	Dose given	Dates	Cost
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL	_____	_____	_____

Other health expenses (health certificates, vet visits, medicine, vet supplies, etc):

Treatment	Date	Cost	Treatment	Date	Cost
TOTAL					

Total health expenses:

“HOW TO” SHEET FOR FEED COSTS

Date	Feed fed	Lbs fed daily	Cost per lb	Cost per day	Daily cost per animal	# of days fed	Total cost
Total lbs of feed fed per animal = lbs.				Total feed costs per animal = \$			

Instructions –

- 1) Note down the date that you start on a new feed ration.
- 2) List all the roughages and concentrates that you fed as part of that ration.
- 3) Express the amount eaten daily in pounds or tenths of a pound (i.e. ½ lb = .5 lb).
- 4) To figure out hay consumed, weigh an average bale and calculate how many days it takes to use up a bale. For example, if your hay bales weigh around 40 lbs and your goat goes through a bale in about 10 days, you are using around 4 lbs of hay per day.
- 5) To figure out cost of hay, take the cost per ton (2000 lbs) and multiply it by the pounds fed daily and then divide this sum by 2000. For example, if you paid \$80/ton and use 4 lbs daily, then $\frac{\$80}{2000} = \frac{X}{4}$, so $X = (\$80 \times 4) \text{ divided by } 2000 = \$320/2000 = \$.16$ or 16 cents.
- 6) Or take the hay cost per bale multiplied by lbs fed and then divided by average lbs in a bale. If you pay \$1.50 for a 40 lb bale, $\$1.50/40 = X/4$, so $X = 1.50 \times 4 / 40 = \$.15$.
- 7) If you fed a group of goats together in the same pen, divide the daily feed costs for feeding that pen of animals by the number of kids in the pen.
- 8) If you fed pasture, indicate here how you determined the daily cost per goat kid of grazing your pasture. _____

A good exercise in animal nutrition is to find out the nutritional value of the feed ration that you fed your goat the longest. You can then compare the dry matter, energy, and protein content of that ration for ONE DAY to the Daily Nutritional Requirements for goats listed at <http://www2.luresext.edu/goats/research/nutritionmodule1.htm> or in the Maryland Meat Goat Ration Evaluator at <https://www.sheepandgoat.com/spreadsheets>. You can do the same exercise with your goat's Protein, Ca and P requirements.

“HOW TO” SHEET FOR CALCULATING DRY MATTER (DM) FED

Date ration started	Feeds fed	Percent DM of feed	DM percent expressed as decimal	Lbs of feed fed daily	Lbs of DM fed daily
Total lbs of DM fed daily per goat (round to tenth of lb) =				 lbs.	

“HOW TO” SHEET FOR CALCULATING ENERGY FED

What form of energy is being calculated? Do not use fat levels from a labeled feed
 ____ net energy, ____ digestible energy, ____ total digestible nutrients (TDN)
 Figures were obtained from ____ feed tables, ____ feed analyses? This information will not be on feed labels usually. (check all that apply)

Date ration started	Feeds fed	Percent energy of feed	Energy percent expressed as decimal	Lbs of feed fed daily	Lbs of energy fed daily
Total lbs of energy fed daily per goat (round to tenth of lb) =				 lbs.	

“HOW TO” SHEET FOR CALCULATING PROTEIN FED

What form of protein is being calculated?

_____ digestible protein, _____ crude protein, _____ other (_____)
 Figures were obtained from _____ feed labels, _____ feed tables, _____ feed analyses ?
 (check all that apply)

Date ration started	Feeds fed	Percent protein of feed	Protein percent expressed as decimal	Lbs of feed fed daily	Lbs of protein fed daily
Total lbs of protein fed daily per goat (round to tenth of lb) =				lbs.	