

Dairy Goat & Meat Goat Activity Sheet -2021

Circle one or both you are participating in

Level 3 - Grades 9 and up

\$1.00



Allen County 4-H
Skills for Life

Due by June 30, 2021 to the Extension Office

Project Information Sheet

Your Name: _____

Year in 4-H: _____

Grade: _____

Year in Goat Project: _____

Please attach a picture of you with your goat(s)

Your goals for this year's project: _____

1) _____

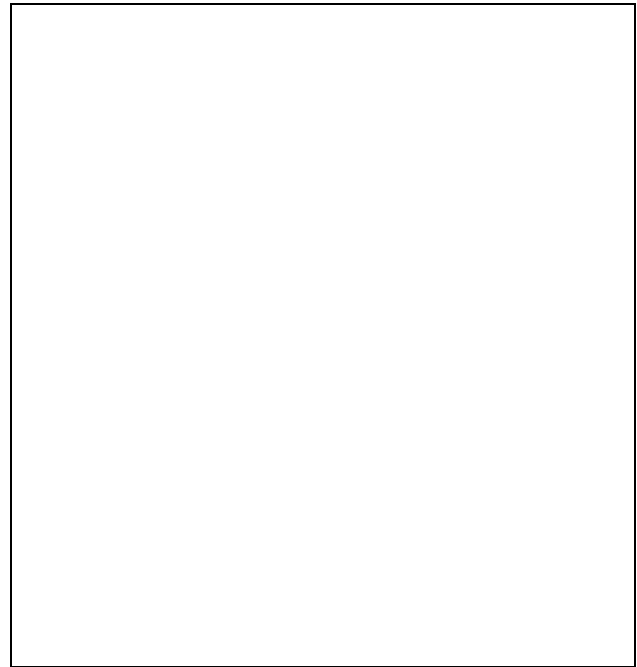
2) _____

3) _____

4) _____

Name of your adult helper in the goat project:

How did this person help you? _____



List extra things that you did during the year that you think helped you to learn more about goats and their care: _____

Please complete the 2 activities or 1 workshop & 1 activity

To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals program. This is an annual program that can be completed via online modules or in-person trainings. For more information about in-person trainings in your county, please contact your County Extension Office. More information about YQCA is available at <http://yqca.org/>. Attach a copy of YQCA card.

**ALLEN COUNTY 4-H LIVESTOCK
INTENTION TO SHOW THE FOLLOWING ANIMALS**

*It is my intention to bring to the County Fair the following numbers of animals for this project.

*I understand that the 4-H Livestock Committee may assign a specific location or pen for these animal(s). I further understand that I will be required to pay a pen fee due upon tie of unloading for these animals.

*Show Attire: For dairy goats whites are preferred, black pants are acceptable. For meat goats blue jeans and button down shirts are preferred. No shorts, sandals or inappropriately cut shirts.

*I further understand that to exhibit at the Allen County Fair is a privilege and that I must adhere to all rules and regulations set forth by the Indiana Board of Health for Exhibition, by the Purdue Extension Service 4-H Youth Development program and the Allen County 4-H Clubs, Incorporated.

Signed: 4-H Member: _____

Date: _____

Number of single pens you will need _____

Number of Double Pens you will need _____

DO NOT INCLUDE TACK PENS!!!

Number of Goats being exhibited _____

Are you planning to sell a goat through the Allen County 4-H Livestock Auction? _____

Consigning a goat? _____

Are you planning to enter a Goat poster at the Allen County Fair? _____ Yes ___ No
POSTERS. See Goat Educational Poster Rules in the Allen County Rule Book.

A 4-H'er may not have more than two goats per class.

Allen County 4-H Goat Project- Level 1, 2, 3 Activity Guidelines

All 4-H'ers participating in the goat projects(s)-Dairy or Meat must complete the Goat activity sheets in order to complete the project and compete at the fair. 4-H'ers **may** attend (one) workshop in place of completing **an** activity. Form must also be signed by a Goat Executive Livestock Committee member in attendance at workshop and 4-H'ers name **MUST** appear on workshop sign-in sheet.

Workshop Topic: _____ Workshop Date: _____

Who led the workshop? Guest Speakers, etc _____

List 5 things that you learned today

1. _____

2. _____

3. _____

4. _____

5. _____

How will you use what you have learned at the workshop with your project animal(s):

Do you consider this workshop informative? Yes or No (circle answer)

Why or Why not? _____

What would you like to see in the future as a workshop topic? _____

Goat Executive Committee Member Signature _____

Income

List here income from sale of animals, products (pelts, manure, etc.), premium money, and services, including the market value of animals or products used at home. For market animals sold, members should separate market price and above market price under "Income from sale of animals."

Date	# of animals/products sold	Sale weight	Income from sale of goats			Income from sale of products	Income from services and exhibiting
			Market price	Above market price	Total selling price		
			Subtotal receipts				
					Total receipts		(Item 8)

Financial Summary

<i>Income</i>			<i>Expenses (value)</i>		
Item 5.	Value of goats on hand at close of record	\$ _____	Item 1.	Value of animals at start of record year	\$ _____
Item 6.	Value of equipment and supplies at close of record	\$ _____	Item 2.	Value of equipment and supplies at start of record year	\$ _____
Item 7.	Value of feed at close of record	\$ _____	Item 3.	Other costs	\$ _____
Item 8.	Total Receipts	\$ _____	Item 4.	Feed costs	\$ _____
Total Income		\$ _____	Expenses		Total
					\$ _____

Profit or Loss
(Total Income minus Total Expenses) \$

It is always beneficial to keep records and review them annually. Looking at your records is there a way which you could have spent less or made more income. (i.e. bred more does, charge more for kids, shop around for better hay or grain prices, attend less open shows, etc.)

Something that I will do to cut expenses next year is: _____

I could increase my income by _____

Activity 2

Dairy Goat Health

Only Dairy Complete

Dairy Goats

You will be asked questions about dairy goats. Information on these topics can be found in Chapter 7 of your Goat Resource Handbook.

Dairy goats provide milk that can be consumed by the family, possibly sold (limited market potential), or used to make other products such as cheese. We will discuss the anatomy and health of the mammary gland.

The Mammary Gland

Mammals are warm-blooded animals that give birth to live young and produce milk in _____ to feed their young.

Goats are mammals and have a mammary gland or udder. The goat's udder has _____ sections or halves, each being a separate gland. The definition of a gland is "a cell, group of cells, or organ of endothelial origin that selectively removes material from the blood, concentrates or alters them, and _____ them for further use in the body or _____ from the body."

The mammary gland is very unique and has several roles:

1. _____
2. _____
3. _____

The goat's udder has two separate halves, with separate glands in each half. The udder is attached to the body by a very strong _____ system. The main support, which also _____ the _____ into halves, is the medial _____ ligament. This elastic _____ stretches and allows the _____ to fill with _____. The other supporting structures are the _____ suspensory ligaments, which are _____ tissue that supports the sides of the _____ and comes down the sides of the udder to _____ with the _____ ligament

These ligaments _____ keep the udder closely _____ to the body. If these _____ structures start to _____ down or are not very _____ initially, the udder will be _____.

Pendulous udders are easily _____ because they are closer to the ground and also because they _____ easily, sometimes hitting hard surfaces. _____ udders also cause problems with _____. These factors can _____ the length of time the animal spends in the herd.

Activity 3

Meat Goat Health

Only Meat Complete

Meat Goats

You will be asked questions about dairy goats. Information on these topics can be found in Chapter 8 of your Goat Resource Handbook.

How Fat is your Meat Goat?

(Determining degree of finish on your meat goat)

When handling your meat goat, you should know the proper location that fat thickness (_____ of finish) is measured. Locate the 13th rib (last rib) and then locate the _____ bone. About 1 inch from the backbone at the _____th rib is where fat is measured on a meat goat carcass. Handling your goat in this region, as well as along the _____ edge and lower rib, gives you an idea of fat cover. _____ fat cover takes some practice, so seek guidance when you are first learning to make sure your estimation is _____ and _____.

When you initially _____ your project animal, you should handle your meat goat to determine its initial fat cover. Each week thereafter, you should _____ to handle your meat goat to _____ the amount of finish. This gives you an idea about the progress that your meat goat is making relative to being ready for market (_____). If your goat is not finishing out well (is too lean) or is too fat, _____ can be made in its diet to improve fat deposition or leanness. Seek help if you are concerned about the progress of your meat goat. Both health and _____ can have an effect on meat goat growth and _____.

Fill in the following table found in your resource book.

Live Weight (lb)	Carcass Weight (lb)	Rib Eye Area (sq. in.)	Back Fat at 13 th Rib (in.)	Total Primal Cut (%)	Total Muscle (%)	Total Bone (%)	Total Fat (%)
Below 45		.88		64		32	
	22		0.04		43		6
50 to 54		1.13		65		30	
	27		0.04		44		9
60 to 64		1.27		66		26	
	32		0.06		45		11
70 and up		1.60		67		25	

Meat Goat Products

The popularity of goat meat is on the rise. As the ethnic population has grown, so has the demand for chevon (goat meat) products. When you are actively enrolled in a food animal project, you must understand not only food animal quality assurance, but also your target market.

Do you raise goats for other than the County Fair? _____ If so, what do you do with your goats?

Where do you most commonly sell them? _____

Are they generally sold for show, market or other? _____

How do you market them? _____

Premise ID Number where goats are coming from _____

____ Completed 4honline enrollment by January 15, 2021

____ Completed Animal ID in 4honline by May 15, 2021

____ Completed Fair Entry on line by June 30, 2021

____ Copy of YQCA card attached.