

# DAIRY GOAT 5-STAR PROGRAM

*Revised March 2009*



## POSSIBLE ACTIVITIES\*

\_\_\_\_ County Goat Demonstration (Title: \_\_\_\_\_)

\_\_\_\_ Participate in Goat Knowledge Olympics at State Fair or organize a similar event in your county.

\_\_\_\_ Participate in Goat Product ID at State Fair or organize a similar event in your county.

\_\_\_\_ Participate in Dairy Goat Fitting Contest at State Fair or organize a similar event in your county.

\_\_\_\_ Participate in a County or Multi County Goat Judging Contest or Training.

\_\_\_\_ Participate in a State or Multi State Goat Judging Contest or Training.

\_\_\_\_ Compete in a Goat Bowl Contest (beyond county level).

\_\_\_\_ Submit a goat related article with picture for publication in a newspaper.

\_\_\_\_ Serve as a Goat Teen Leader at State Fair.

\_\_\_\_ Show a goat at an out-of-county show in showmanship & breed classes.

\_\_\_\_ Participate in a Dairy Foods Contest (Title: \_\_\_\_\_)

\_\_\_\_ Attend and report on a Linear Appraisal Session.

## POSSIBLE PROJECTS\*

\_\_\_\_ a.) Collect, identify and mount five poisonous plants.

\_\_\_\_ b.) Make and display a goat blanket, goat harness or goat pack saddle.

\_\_\_\_ c.) Collect, identify and mount ten goat feeds (forages and grains)

\_\_\_\_ d.) Display a poster of goat photography.

- \_\_\_ e.) Make and display a tack box, feed manger or milking stand.
- \_\_\_ f.) Design goat pens/barn and display design.
- \_\_\_ g.) Make a video demonstration concerning goats.
- \_\_\_ h.) Plant and grow a total of six grains and forages, then display in a box labeling each plant's nutritional value.
- \_\_\_ i.) Make a display of two internal and two external parasites. Show the life cycles of each and measures of control.
- \_\_\_ j.) Make a display of the meat goat cuts from a goat and recipes or cooking advice to go with them.
- \_\_\_ k.) Compile a member scrapbook after 2<sup>nd</sup> Star completion.
- \_\_\_ l.) Plan and prepare a meal using at least three different goat food products.
- \_\_\_ m.) Develop and exhibit a dairy goat display (does not include club display) or an activity or project agreed upon in advance by leaders.
- \_\_\_ n.) Make a simple fresh goat cheese.
- \_\_\_ o.) Make a marketing label for a goat product following labeling requirements for New York State for that product.
- \_\_\_ p.) Make a camera ready ad or business card to market a goat product or sell breeding stock.
- \_\_\_ q.) Help create a website for your farm.

***\* Each activity or project completed can be given credit only once for the 5-Star levels.***

***Projects cannot be repeated for further 5-Star credit except variations to project m.***

***This program was developed by Mary Fries (Genesee County CCE) and Diana Bennett (Orleans County CCE)***

Member's Name \_\_\_\_\_

# GOAT FIRST STAR



Date    Approval

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## ★ CHECK SHEET

1. Identify 10 external parts of a goat.
2. Identify 2 body faults and tell where they are found.
3. Identify 4 breeds of goats and name their characteristics.
4. Name 1 goat disease and give its symptoms, treatment and prevention.
5. Identify 5 harvested goat feeds such as
6. Identify 2 external parasites and a method to control these parasites.
7. Identify 2 internal parasites and a method to control these parasites.
8. List 3 practices a dairy person should observe in preventing and controlling mastitis.
9. Explain the proper grooming procedures of goats for show.
10. A. Where can you get information on feed values?  
B. Identify the feed values of the following:  
Corn \_\_\_\_\_ Alfalfa \_\_\_\_\_ Timothy Hay \_\_\_\_\_

\_\_\_\_\_

11. What is colostrum and why is it important to newborn goats?

\_\_\_\_\_

12. Complete an activity such as a goat demonstration listed in the "Activity" section of the Dairy Goat Sheet.

Activity Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

\_\_\_\_\_

13. Complete and exhibit a project from the "Project" list of the Dairy Goat Sheet.

Project Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

This certifies that the 4-H member has satisfactorily completed all of the above to earn the "First Star" in the Cornell Cooperative Extension 4-H Dairy Goat Program.

Member's Signature \_\_\_\_\_

Date \_\_\_\_\_

Leader's Signature \_\_\_\_\_

Date \_\_\_\_\_

Office Approval \_\_\_\_\_

Date \_\_\_\_\_

Member's Name \_\_\_\_\_



# GOAT SECOND STAR

Date \_\_\_\_\_ Approval \_\_\_\_\_



## CHECK SHEET

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1. Identify 6 undesirable characteristics of goat conformation, tell where they are found and compare the faults to normal.

\_\_\_\_\_

2. List 5 major products from dairy goats.

\_\_\_\_\_

3. Identify 4 infectious goat diseases, the cause, and ways to prevent or treat.

\_\_\_\_\_

4. List and identify equipment needed for kidding.

\_\_\_\_\_

5. Identify and describe two methods of disbudding kids.

\_\_\_\_\_

6. Define the following terms:

\_\_\_\_\_ Wether

\_\_\_\_\_ Balanced Ration

\_\_\_\_\_ Buck

\_\_\_\_\_ Concentrate

\_\_\_\_\_ Kid

\_\_\_\_\_ TDN (Total Digestible Nutrients)

\_\_\_\_\_ Doe

\_\_\_\_\_ Palatable

\_\_\_\_\_

7. Ear tag or tattoo a kid or doe

\_\_\_\_\_

8. Make a crossword puzzle or word game using at

least 10 goat terms.

\_\_\_\_\_

9. Answer the following questions:

Age/weight to breed doe? \_\_\_\_\_

Age/weight to wean kids? \_\_\_\_\_

Why is it important to keep the buck separated from milking does? \_\_\_\_\_

Length of gestation period? \_\_\_\_\_

\_\_\_\_\_

10. Identify 12 parts of a goat (different from First Star)

\_\_\_\_\_

11. Demonstrate the basics of trimming hooves.

\_\_\_\_\_

12. Complete an activity such as a goat demonstration listed in the "Activity" section of the Dairy Goat Sheet.

Activity Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

\_\_\_\_\_

13. Complete and exhibit a project from the "Project" list of the Dairy Goat Sheet.

Project Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

This certifies that the 4-H member has satisfactorily completed all of the above to earn the "Second Star" in the Cornell Cooperative Extension 4-H Dairy Goat Program.

Member's Signature \_\_\_\_\_

Date \_\_\_\_\_

Leader's Signature \_\_\_\_\_

Date \_\_\_\_\_

Office Approval \_\_\_\_\_

Date \_\_\_\_\_

Member's Name \_\_\_\_\_



## GOAT THIRD STAR

Date Approval



### CHECK SHEET

\_\_\_\_\_

1. Name at least 5 safety practices in caring for goats and tell why each is important.

\_\_\_\_\_

2. Name the 4 compartments of the goat's stomach and tell a function of each.

\_\_\_\_\_

3. Define the following terms:

\_\_\_ Lactation    \_\_\_ Purebred    \_\_\_ Registered

\_\_\_ Gestation    \_\_\_ Grade    \_\_\_ Polled

\_\_\_\_\_

4. Identify 2 types of housing and 2 types of fencing requirements for goats.

\_\_\_\_\_

5. Name and describe 4 goat show disqualifications.

\_\_\_\_\_

6. What are 4 signs that a doe will soon give birth.

\_\_\_\_\_

7. Name 4 methods or practices to help control parasites (internal and external) with the goat of in its environment.

\_\_\_\_\_

8. Identify 3 types of castration methods. Explain the methods and the advantages or disadvantages of each.

\_\_\_\_\_

9. What important nutrients are in milk?

\_\_\_\_\_

10. What are 4 common forages in the area? Identify the types of forage and the feeding value of each.

\_\_\_\_\_

11. What is the importance of a trace mineral mix?

\_\_\_\_\_

12. Complete an activity such as a goat demonstration listed in the "Activity" section of the Dairy Goat Sheet.

Activity Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

\_\_\_\_\_

13. Complete and exhibit a project from the "Project" list of the Dairy Goat Sheet.

Project Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

This certifies that the 4-H member has satisfactorily completed all of the above to earn the "Third Star" in the Cornell Cooperative Extension 4-H Dairy Goat Program.

Member's Signature \_\_\_\_\_

Date \_\_\_\_\_

Leader's Signature \_\_\_\_\_

Date \_\_\_\_\_

Office Approval \_\_\_\_\_

Date \_\_\_\_\_



Member's Name \_\_\_\_\_

# GOAT FORTH STAR



Date \_\_\_\_\_ Approval \_\_\_\_\_



## CHECK SHEET

\_\_\_\_\_

1. What is a somatic cell count? How can this affect quality and taste? What can affect the level of the somatic cell count?

\_\_\_\_\_

2. What are the two major methods of feeding kids? Identify advantages and disadvantages.

\_\_\_\_\_

3. List five dairy goat sanitation practices the owner should follow and why.

\_\_\_\_\_

4. What is a strip cup and why is it needed?

\_\_\_\_\_

5. Identify 4 diseases which can be transmitted to humans through milk. Explain.

\_\_\_\_\_

6. Name 1 disease and one internal parasite which are transmitted or carried by external parasites. Explain.

\_\_\_\_\_

7. Explain "drying off the doe" and how long should the dry period be for the goat.

\_\_\_\_\_

8. Identify 3 external parasites (different parasites than from the First Star) problems with the parasites and methods of control with each.

\_\_\_\_\_

9. Name 8 different signs/systems which may be observed with the goat indicating it is sick. Explain.

\_\_\_\_\_

10. Compare the levels of nutritional requirements needed for the following categories of goats and explain why:

\_\_\_ Kid over 3 weeks      \_\_\_ Lactating Doe

\_\_\_ Mature buck      \_\_\_ Pregnant Doe

\_\_\_\_\_

11. Complete an activity such as a goat demonstration listed in the "Activity" section of the Dairy Goat Sheet.

Activity Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

\_\_\_\_\_

12. Complete and exhibit a project from the "Project" list of the Dairy Goat Sheet.

Project Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

This certifies that the 4-H member has satisfactorily completed all of the above to earn the "Forth Star" in the Cornell Cooperative Extension 4-H Dairy Goat Program.

Member's Signature \_\_\_\_\_

Date \_\_\_\_\_

Leader's Signature \_\_\_\_\_

Date \_\_\_\_\_

Office Approval \_\_\_\_\_

Date \_\_\_\_\_

Member's Name \_\_\_\_\_



## GOAT FIFTH STAR

Date Approval



CHECK SHEET

- |       |       |   |
|-------|-------|---|
| _____ | _____ | 1. To what temperature should milk be cooled and how soon after milking?  |
| _____ | _____ | 2. Outline the major categories of the ADGA Dairy Goat Score card and tell the points awarded for those categories.                           |
| _____ | _____ | 3. Name 5 minerals and explain why each is important for goat nutrition.  |
| _____ | _____ | 4. Name 4 parts of the doe's reproductive tract and indicate their function.  |
| _____ | _____ | 5. Name 4 parts of the buck's reproductive tract and indicate their function.   |
| _____ | _____ | 6. Name and describe 3 methods of maintaining and caring for pasture. Mention the advantages of each or limitations which apply to your area. |
| _____ | _____ | 7. Explain the gestation length, intervals of heat periods and how to figure freshening dates.  |
| _____ | _____ | 8. List 5 milking sanitation practices to follow and why.   |

\_\_\_\_\_

9. Identify 4 diseases (do not repeat diseases from the Second Star) complications with the diseases and methods of control of each.

\_\_\_\_\_

10. Identify 3 internal parasites (do not repeat from the First Star), the problems they cause and a method to control each.

\_\_\_\_\_

11. Balance a feed ration for a dairy doe or kid.

\_\_\_\_\_

12. Complete an activity such as a goat demonstration listed in the "Activity" section of the Dairy Goat Sheet.

Activity Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

\_\_\_\_\_

13. Complete and exhibit a project from the "Project" list of the Dairy Goat Sheet.

Project Completed: \_\_\_\_\_

Date\_\_\_\_\_ Place\_\_\_\_\_ Results\_\_\_\_\_

This certifies that the 4-H member has satisfactorily completed all of the above to earn the "Fifth Star" in the Cornell Cooperative extension 4-H Dairy Goat Program.

Member's Signature \_\_\_\_\_

Date \_\_\_\_\_

Leader's Signature \_\_\_\_\_

Date \_\_\_\_\_

Office Approval \_\_\_\_\_

Date \_\_\_\_\_