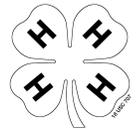


4-H DAIRY WORKSHEET



Grade 8

Name: _____ 4-H Club _____

Answers to these questions can be found in the "Dairy Resource Handbook" 4-H 127R

1. In Chapter 3, you are informed that dairy are among a few animals that are colorblind and have poor depth perception. This results in an extreme sensitivity to _____. You animal may _____ at shadows, _____, or _____ in light to dark.

What is one way to improve visibility for your cattle? _____

Tell about a time that your animal reacted to a situation because of the characteristics of their vision.

2. Look in Chapter 4, Genetics is _____, this process is also known as _____.

Some genes have the ability to hide or mask the presence of another gene. These are:

_____ When you are writing these genes out, use a _____ letter. For an animal to display a dominant trait there only needs to be _____ dominant gene to see it. It can be expressed as: _____ or _____. The ones that are covered up are known as: _____. These are _____ letters when you write them out.

3. Chapter 8 discusses housing facilities for the milking herd. There are three common types of housing, what are they? _____

What are two disadvantages to tie-stall housing? _____

What is the difference between the other two listed types of housing? _____

What type of housing do you use and what do you like about it? _____

4. In Chapter 6, find the section on dehorning. When do you know your calf can be dehorned?

What is the easiest method to dehorn a calf? _____

5. Look at Animal Health in Chapter 13. What is extra-label drug use and when is it allowed?

Describe what withdrawal time is and the rule of thumb regarding using milk from a cow in the withdrawal period. _____

6. In Chapter 5, looking at the Nutrients, we learn about fats. They supply energy to the animal _____ more times than the same amount of carbohydrates do. What diet do baby cows get to get their fat intake? _____

What are the commonly fed natural sources of fats? _____

8. List some skills you have gained by showing animals in 4-H. _____

9. Look in Chapter 13 on Show Ring Ethics. List the six pillars of character. Then choose one pillar and describe how you will practice that pillar. _____



DEKALB COUNTY LIVESTOCK RECORD

(Check one)

- Beef, Goat, Feeder Calf, Swine, Sheep, Dairy, Dairy Beef checkboxes

You need to be keeping Monthly records. Use separate pages to record your monthly data and use this form to summarize your information.

Name _____ Grade _____

Club _____ (of participation) Years in 4-H _____ (including this year) Years in this project _____ (including this year)

Table 1. Inventory of 4-H Project Animals

Table with 6 columns: ID/Registration #, Animal's Name, Breed, Sex, Date of Birth, Value

(add more pages, if necessary)

Table 2. List the items you feed to your animals (include type of feed, quantity, costs).

Table with 3 columns: Type of Feed, Total Amount Fed, Total Cost or Estimated Value of Feed

Did you give a demonstration? Yes _____ No _____ If yes, list the date given, title of demonstration and number of people present.

Three horizontal lines for writing demonstration details.

List any tours, workshops, clinics, etc. you participated in relating to this project.

Three horizontal lines for listing activities.

Financial Summary	
Item	Cost
Income	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
Total Income	\$
Expenses	
Cost of animals	
Feed costs (growing rations, finishing rations, etc.)	
Veterinary/medical fees/health paper fees	
Housing or Rent	
Manure Handling	
Bedding	
Fencing	
Transportation	
Equipment (feed, show, groom)	
Other (List)	
Total Expenses	\$
Income – Expenses: Actual or Projected Profit (loss)	\$

For Market Animals Only					
	No.	No.	No.	No.	No.
Feed Record:	1	2	3	4	5
1. Estimate weight of animal in early Sept.					
2. Initial weight of animal (estimate or weigh-in weight)					
3. Total weight gain (line 2 minus line 1)					
4. Number of days fed					
5. Average daily gain (line 3 divided by line 4)					
6. Total pounds feed fed					
7. Pounds feed per pound gain					