



4-H DAIRY WORKSHEET

Grade 6



Name: _____ 4-H Club _____

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

1. Look in Chapter 13, about the care you are giving your animal(s). Look through the list on page 152 to get some ideas of ways you can better care for your cow. What are three goals you have to improve the way you care for your animals?

2. In Chapter 12 it tells about the process of milk from the cow to the store. The reason that the dairy industry is high regulated by the *Federal Food and Drug Administration* is because milk will _____ easily. Milk that is kept on the farm is stored in a _____ that keeps the milk cool.

What determines how often the tank truck will come to pick up the milk?

The hauler has to take a _____ from each individual _____ to test for what? _____

3. The vocabulary can be found in the Glossary section in the Dairy Handbook.

_____ Pasteurization

_____ Scours

_____ Wean

_____ Watershed

_____ Complete Feed

- a. Diarrhea
- b. Feed ingredient that has all nutrients needed
- c. Land areas that catch rain or snow and drain to specific areas
- d. Heating up of milk to kill any disease-causing organisms
- e. To start calf on solid food versus liquid

4. In Chapter 7, Mammary Health is discussed. _____ is an inflammation or infection of the _____ gland. There are two types of this disease, _____ (visual changes to the milk) and _____ (no visible changes to milk, udder, or cow).

5. Look in Chapter 8 to identify the 5 possible management groups in Milking Herd Housing. List them with a brief description of what each is.

1. _____

2. _____

3. _____

4. _____

5. _____

6. Chapter 3 discusses working safely with dairy cattle. Bulls may be kept on the farm for breeding purposes.

When working with bulls remember these 4 things: _____

7. Look in Chapter 5 for Feed Tag Information. You should always read the tag to make sure you are getting

what _____ in the product and that you are not getting something that you

_____. Livestock feeds can be classified as either _____ or

_____. The ingredient statement on the feed tag lists the ingredient present in the

_____ concentration first follows with the ingredients in _____ concentration.

List the top five ingredients in the feed you give to your dairy cow(s). _____

8. How often do you work with your dairy cow to prepare for the show? _____

What things do you do when you work with your animal? _____

Is there anyone that helps you when you are working with your animal? Who? _____



DEKALB COUNTY LIVESTOCK RECORD

(Check one)

- | | |
|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> Beef | <input type="checkbox"/> Swine |
| <input type="checkbox"/> Goat | <input type="checkbox"/> Sheep |
| <input type="checkbox"/> Feeder Calf | <input type="checkbox"/> Dairy |
| | <input type="checkbox"/> Dairy Beef |

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

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).

Type of Feed	Total Amount Fed	Total Cost or Estimated Value of Feed
	#	\$
	#	\$
	#	\$
	#	\$
Grand Total	#	\$

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

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

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					
Feed Record:	No. 1	No. 2	No. 3	No. 4	No. 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					