



# 4-H DAIRY WORKSHEET



## Grade 10

Name: \_\_\_\_\_ 4-H Club \_\_\_\_\_

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

Use Chapter 6 to answer the following questions:

1. Explain one of the identified processes of dehorning a dairy calf.

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2. What are three dairy calf disease identified in the resource manual?

a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_

3. Explain the difference between Internal and External Parasites, give an example of each, and explain the treatment procedure.

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Use Chapter 14 “Careers in Animal Science” to help you with the following questions.

4. Identify some animal science careers that are directly related to skills learned in the dairy project.

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5. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H dairy project that could relate to a career in the field of animal science.

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6. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

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Use Chapter 13 to answer the following questions:

7. Could you be a “winner” showing an animal without getting a champion ribbon? Explain.

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8. What are some methods that DeKalb County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.

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Answer the following general questions:

9. There are often public misconceptions surrounding how animals are cared for and handled. Based on the information presented in the dairy handbook, what should you do as a 4-H member if you are confronted by someone from the public with some of these misconceptions?

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10. As a youth ambassador for the dairy industry, how can you advocate for the dairy farmer and help educate the public?

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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.

| <b>Financial Summary</b>                                                                   |             |
|--------------------------------------------------------------------------------------------|-------------|
| <b>Item</b>                                                                                | <b>Cost</b> |
| <b>Income</b>                                                                              |             |
| Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals. |             |
| Any other income from project (i.e. Open Shows)                                            |             |
|                                                                                            |             |
| <b>Total Income</b>                                                                        | <b>\$</b>   |
| <b>Expenses</b>                                                                            |             |
| 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)                                                                               |             |
| <b>Total Expenses</b>                                                                      | <b>\$</b>   |
|                                                                                            |             |
| <b>Income – Expenses: Actual or Projected Profit (loss)</b>                                | <b>\$</b>   |

| <b>For Market Animals Only</b>                            |     |     |     |     |     |
|-----------------------------------------------------------|-----|-----|-----|-----|-----|
|                                                           | 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                             |     |     |     |     |     |