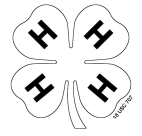


# 4-H DAIRY WORKSHEET



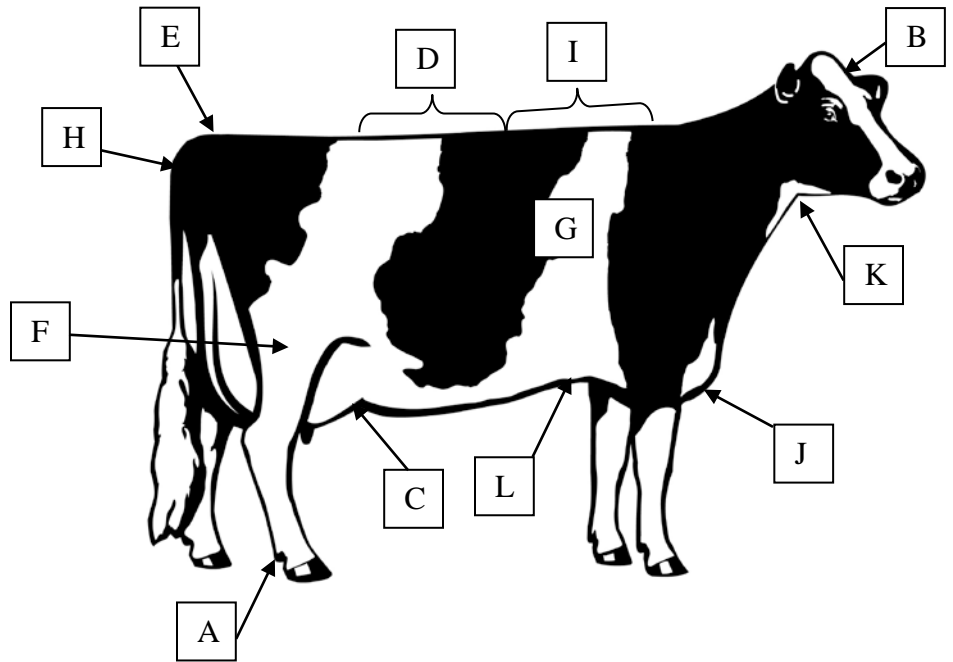
## Grade 4

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

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

1. Chapter 2: Part Identification. Please write the correct part name on the line provided with the correct letter.

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_
- E. \_\_\_\_\_
- F. \_\_\_\_\_
- G. \_\_\_\_\_
- H. \_\_\_\_\_
- I. \_\_\_\_\_
- J. \_\_\_\_\_
- K. \_\_\_\_\_
- L. \_\_\_\_\_



Use the following words to fill in the blanks:

|         |          |             |           |        |                       |
|---------|----------|-------------|-----------|--------|-----------------------|
| Declaw  | Forehead | Loin        | Tailhead  | Stifle | Fore Udder Attachment |
| Brisket | Throat   | Heart Girth | Pin Bones | Chine  | Chest Floor           |

2. Chapter 5 discusses weaning a calf. If you are raising a dairy calf, it can be weaned when it is \_\_\_\_\_ to \_\_\_\_\_ weeks old. You will want to wean your calf as early as \_\_\_\_\_ because milk and milk replacer are more \_\_\_\_\_.

When your calf is 2-4 months, feed it a good \_\_\_\_\_ feed and start to introduce small amounts of \_\_\_\_\_.

When your cow is older and put out to pasture, remember that pasture is usually abundant and of \_\_\_\_\_ in the spring but \_\_\_\_\_ rapidly by mid to late summer.

3. Look at Dairy Profitability in Chapter 10. \_\_\_\_\_ is a dairy farm's primary income.

4. The vocabulary can be found in the glossary section in the Dairy Handbook.

- \_\_\_\_\_ Calf
- \_\_\_\_\_ Breed
- \_\_\_\_\_ Immunity
- \_\_\_\_\_ Heifer
- \_\_\_\_\_ Freshening

- a. The protection or resistance that a body has from disease
- b. A young female that has not given birth yet
- c. A young dairy animal less than six months of age
- d. Having a calf
- e. Group of cattle with similar traits that are passed from generation to generation

5. Look in Chapter 2, look through the different breeds of dairy cows.

Which breed is thought to be one of the oldest dairy breeds in the world?

\_\_\_\_\_

Which breed is also known to be beef cows as well as milking cows?

\_\_\_\_\_

The \_\_\_\_\_ is the smallest of the dairy breeds.

The Holstein breed is known to be white and \_\_\_\_\_ or \_\_\_\_\_.

What breed of dairy cow do you show? \_\_\_\_\_

6. Look in Chapter 5 to identify and list the 6 essential nutrients for a dairy cow.

- |       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

How often do you feed and water your cow? \_\_\_\_\_

\_\_\_\_\_

What do you give your cow to eat? \_\_\_\_\_

\_\_\_\_\_

7. Write about 3 new things you learned about dairy cows this year. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# 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 |
|--------------------|------------------|---------------------------------------|
|                    | #                | \$                                    |
|                    | #                | \$                                    |
|                    | #                | \$                                    |
|                    | #                | \$                                    |
| <b>Grand Total</b> | <b>#</b>         | <b>\$</b>                             |

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.

---



---



---

| <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>                            |          |          |          |          |          |
|---|----------|----------|----------|----------|----------|
| Feed Record:  | No.<br>1 | No.<br>2 | No.<br>3 | No.<br>4 | No.<br>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                             |          |          |          |          |          |