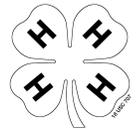


4-H DAIRY WORKSHEET

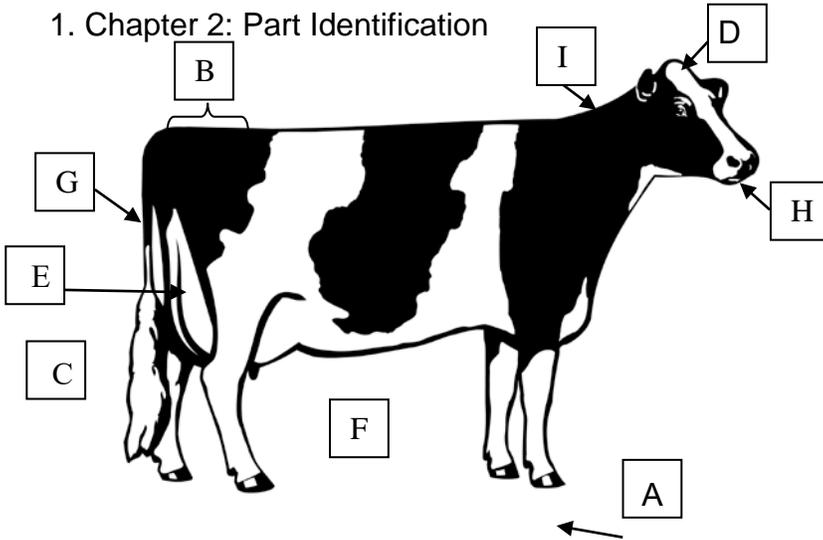


Grade 3

Name: _____ 4-H Club _____

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

1. Chapter 2: Part Identification



- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____

Use these words to identify the parts of the cow:

| | | | | |
|--------|------|-------|------|-------|
| Muzzle | Tail | Hoof | Hock | Poll |
| Neck | Rump | Teats | Rear | Udder |

2. In chapter 2, it talks about the breeds of cows. Which breed provides about 90% of the cow's milk that is produced in the US?

What breeds of dairy cows do you have? _____

3. Look in Chapter 15. Your cow will have to get used to wearing a _____. Then she will have to learn to _____ while she is tied and to _____ slowly beside you.

When you are showing your cow to the judge, they should stand with their _____ feet square. For the back legs, one leg should be _____ when the judge is on that side.

To pose your cow, you can learn to position them by _____ their _____ so she backs up a _____ step.

4. In Chapter 5, look at the Nutrients. _____ is the most important nutrient for your cow to survive.

5. In chapter 6, to make sure all your animals are healthy you can trust your _____ to be a valuable resource. You would call them if your cow is sick.

6. List three things that you had to buy to help take care of your dairy cow this year.

7. Look in Chapter 3 about how to work safely with your cow. Dairy and beef cattle, as well as swine, are all _____ and have poor depth _____.

Your cow also has _____ vision, so they can see everything around them except for what is in their _____.

Where do you want to walk up to your cow from? _____

8. In chapter 3 look for the section on Facilities. It is important to keep your farm safe. To help prevent accidents, keep _____ and _____ areas properly lighted and clean. Make sure to keep all _____, chutes, gates, _____, and loading ramps strong and working _____.

9. Why did you choose to do the dairy project this year? _____

10. What type of housing did you provide to your dairy cattle? _____

11. List 3 things you learned this year about your dairy project.



DEKALB COUNTY LIVESTOCK RECORD

(Check one)

- Beef
- Goat
- Feeder Calf
- Swine
- Sheep
- Dairy
- 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 | | | | | |