

Barry County 4-H Junior Dairy Project Record Book

Ages 9 – 11



Name: _____

Address: _____

Name of 4-H Club: _____

Project Leader Name: _____ Years in project: _____

A Dairy Notebook is required for all Dairy projects. Notebooks must be presented by the exhibitor for judging at the fair during Non-Livestock judging. Failure to present a notebook for judging will disqualify dairy animal from participating in the Barry County Fair and receiving funds from the Gallon of Milk. In the event of extenuating circumstances, another 4-H member may present the notebook for judging with an absentee form and can result in a lower award.

The notebook must include proof of contact to three sponsors of the Gallon of Milk.

Notebook may be typed or handwritten in neat and clear penmanship. Your notebook should be displayed in a hard cover notebook that contains each year's notebook from the time you started exhibit the 4-H Dairy project.

Project pictures are a required part of the notebook.

Please answer the following questions:

1. What do you feed your animal?
2. How do you keep your animal healthy?
3. What did you like best and least about this project?
4. What did you learn from this project?
5. What was your biggest challenge with this project?
6. If this is not your first year what did you learn in your prior years that you applied to this year to improve your project?

4-H Dairy Story

Tell about interesting things that have happened with you and your animal this year. You could also include things that you have done with your club and how you have done at other shows. You can add more pages if you need to for your story. Include pictures of your project throughout the year as you prepared for fair.

The Normal Calf

All Ages

All calves need good health care, this includes nutritious food, a clean dry draft-free environment, exercise, daily grooming and care. You are responsible for providing these for your 4-H Project Animal. Complete one page per animal.

Calf Exam Records

Calf Identification _____ Breed _____

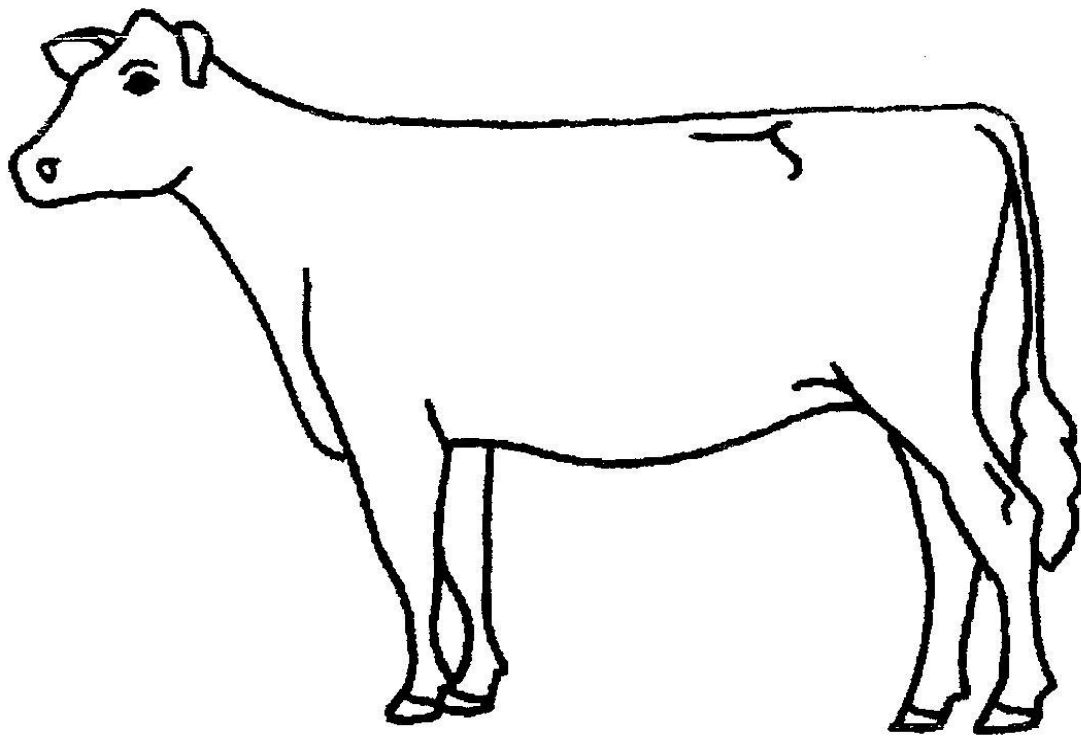
Birth Date _____ Housing _____

General Health Excellent Good Poor

How does the calf look and act: _____



Management Practices Completed	Yes	No	Comment
Horns removed			
Extra teats removed			
De-wormed recently			
Free from flies and lice			
Vaccinated when and for what			
Ear tattooed			



Please draw your animal's markings on this heifer. You may color it if you would like.

Animal's Name _____

Herd Number _____

RFID # _____

Date of Birth _____ Breed _____

Sire _____ Dam _____

(use one page like this for EACH animal you are showing)

Match the Parts

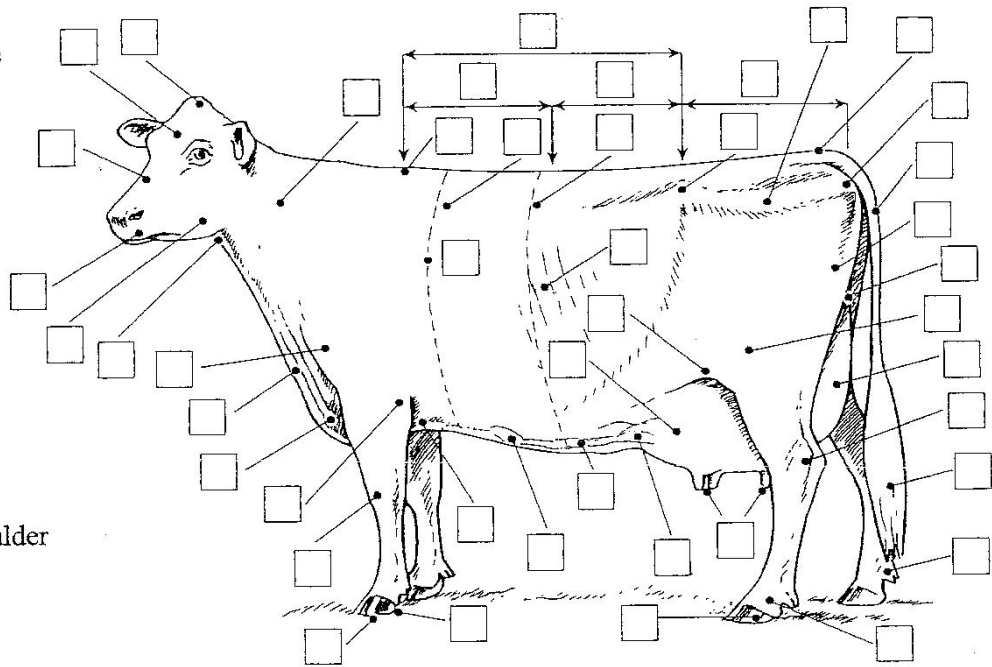
Write the letter of each body part next to its name listed below.

Age 9 – Match 5

Age 10 – Match 14

Age 11 – Match All

1. Poll
2. Pin Bones
3. Tail
4. Forehead
5. Neck
6. Tailhead
7. Bridge of Nose
8. Thurl
9. Thigh
10. Stifle
11. Heel
12. Rump
13. Muzzle
14. Rear Udder Attachment
15. Jaw
16. Hip
17. Dewclaw
18. Throat
19. Heart Girth
20. Point of Shoulder
21. Ribs
22. Dewlap
23. Barrel
24. Teats
25. Point of Elbow
26. Brisket
27. Rear Udder
28. Loin
29. Knee
30. Sole
31. Back
32. Chest Floor
33. Pastern
34. Chine
35. Milk Wells
36. Flank
37. Crops
38. Fore Udder



39. Milk Veins
40. Withers
41. Fore Udder Attachment
42. Hock
43. Switch
44. Hoof

Age 9 - Quiz

- 1) What is a cow?
- 2) Name a dairy breed?
- 3) Name one item you need for show day?
- 4) Name three dairy byproducts.
- 5) Where is milk kept after it comes out of the cow?

Age 10 – Quiz

- 1) How much water does a milking cow drink per day on average?
- 2) On average how many gallons of milk does a cow produce each day?
- 3) Children ages 9-18 need how many servings of dairy products each day?
- 4) Which month is called Dairy Month?
- 5) What is a heifer?

Age 11 – Quiz

- 1) What temperature is milk as it leaves the cow?
- 2) How long is a cow's gestation period and how much does a calf weigh at birth?
- 3) What is the first milk a cow produces after it gives birth called?
- 4) What is the best bedding choice for calves in winter months?
- 5) What does DHIA stand for?

Dairy Breed

Pick one of the breeds and discuss its characteristics, where it originated etc. and add a breed every year.

