



DAIRY PROJECT RECORD BOOK

2022

Name: _____

4-H Club/FFA Chapter/Open: _____

Leader: _____

Age (as of January 1): _____

Years in Project Area: _____

Record Started: _____ / _____ / _____ Record Closed: _____ / _____ / _____
Month Day Year Month Day Year

Check One

☐

Junior:
8-13 years old

☐

Senior:
14-19 years old

Record Book Instructions:

DON'T CHANGE THE PAPER:

Completed record books must be on standard letter sized (8.5"x11") white paper. There are classes in still exhibits for scrapbooks so please leave these types of books there. Minor embellishments are allowed and neatness is encouraged. Books must be fastened with a staple in the upper right hand corner or secured inside a 3 ring binder or folder.

DON'T BE LATE... KNOW THE DUE DATE:

The date and time to turn-in a completed record book will be listed on the Schedule of Events for Exhibitors printed in the front of the annual Fair Book.

USE THE RIGHT RESOURCES:

Good resources to help complete this record book is the publication "Working With Dairy Cattle," http://www.holsteinfoundation.org/pdf_doc/workbooks/WorkingDairyCattle_WKBK.pdf available for download from the Holstein Foundation and the "Dairy Resource Handbook" (OSU Extension 4H127R) is available for check-out at the MSU Extension Office. Some answers will be found at gcffv.org and inside the fair book general and species rules.

All about my dairy project...

Project Animal(s):

| Name or ID | Breed | Date of Birth | Sire | Dam |
|------------|-------|---------------|------|-----|
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |

Why did you enroll in this project? _____

Where are your project cows located? _____

How did you obtain your project animals? _____

This is what I feed my project animals: _____

My Project Animal & I:

A completed record book should have photos of your animal. At minimum this book should have a beginning and ending picture. Photo captions are encouraged. Up to two extra pages can be included behind this page within this record book.

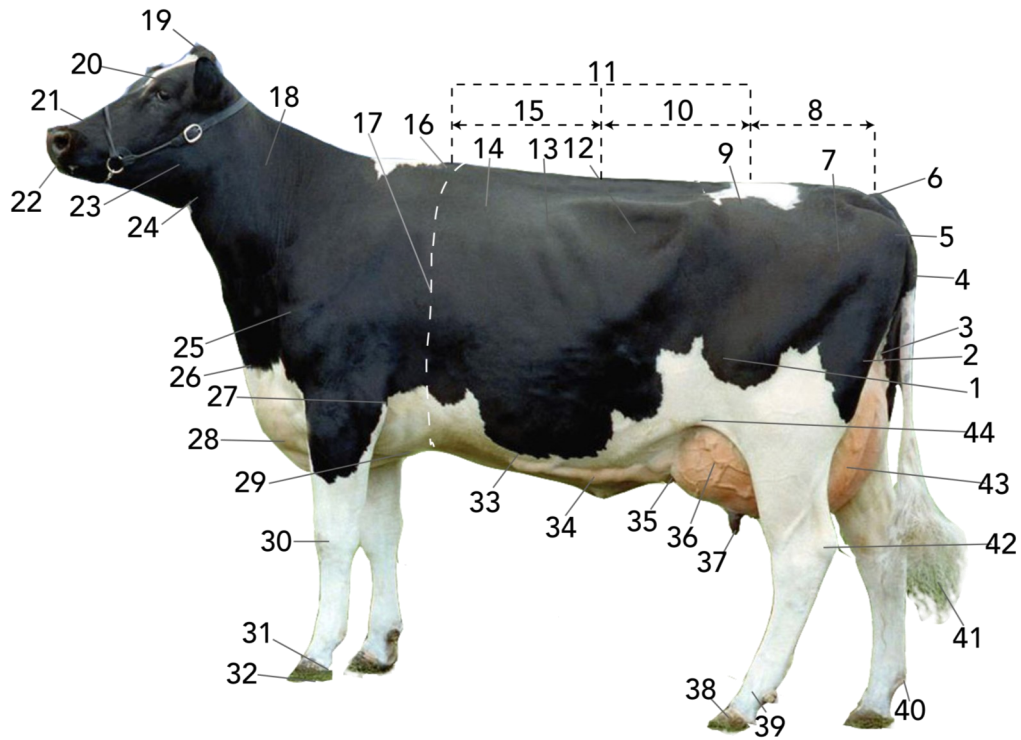
My project expenses:

List all expenses for this dairy project and record the cost spent under the proper account. If your family/farm is providing feed, please estimate an approximate value. Add additional sheet(s) if necessary. Start your expenses log on January 1 of this year.

| How many animals are in this project. This can be your likely project animal along with backup animals. | | | | | |
|---|----------------------|-----------|-----------------|--------------|------------|
| Date of purchase | Purchase Description | Feed Cost | Vet/Health Cost | Bedding Cost | Other Cost |
| | | | | | |
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| TOTAL Column Expenses | | | | | |
| TOTAL PROJECT EXPENSES: | | | | | |

My General Dairy Knowledge:

Ages 8 to 19 complete the following questions:



Identify the Parts of a Cow:

| | | |
|-----------|-----------|-----------|
| 1. _____ | 15. _____ | 30. _____ |
| 2. _____ | 16. _____ | 31. _____ |
| 3. _____ | 17. _____ | 32. _____ |
| 4. _____ | 18. _____ | 33. _____ |
| 5. _____ | 19. _____ | 34. _____ |
| 6. _____ | 20. _____ | 35. _____ |
| 7. _____ | 21. _____ | 36. _____ |
| 8. _____ | 22. _____ | 37. _____ |
| 9. _____ | 23. _____ | 38. _____ |
| 10. _____ | 24. _____ | 39. _____ |
| 11. _____ | 25. _____ | 40. _____ |
| 12. _____ | 26. _____ | 41. _____ |
| 13. _____ | 27. _____ | 42. _____ |
| 14. _____ | 28. _____ | 43. _____ |
| | 29. _____ | 44. _____ |

My General Dairy Knowledge:

Ages 8 to 19 complete the following questions:

Using the Dairy Cow Unified Score Card, list the percent given to each major dairy trait and list the criteria under each of the four major traits. Add additional pages, if needed.

1) Frame

| | |
|--|---|
| | % |
|--|---|

2) Dairy Strength

| | |
|--|---|
| | % |
|--|---|

3) Rear Feet and Legs

| | |
|--|---|
| | % |
|--|---|

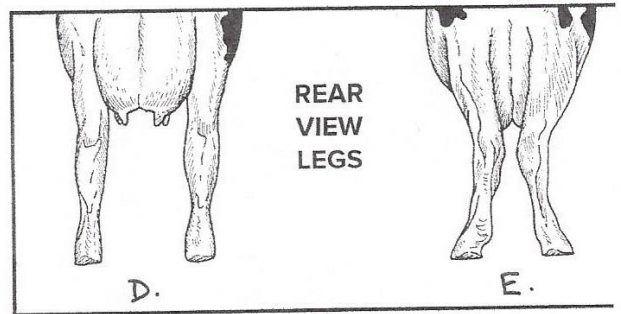
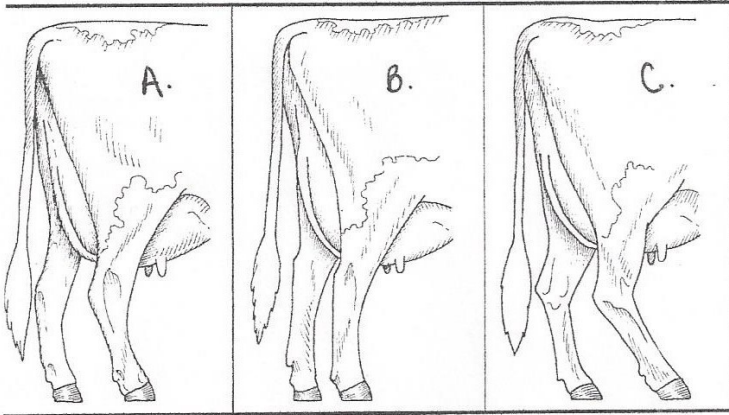
4) Udder

| | |
|--|---|
| | % |
|--|---|

Dairy Cattle Leg and Mammary Structure

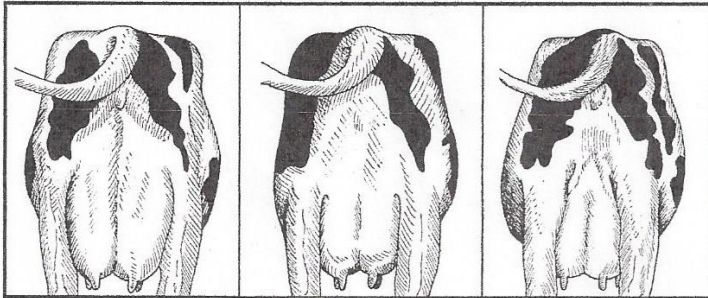
Please match the picture with the appropriate label

LEG PLACEMENT

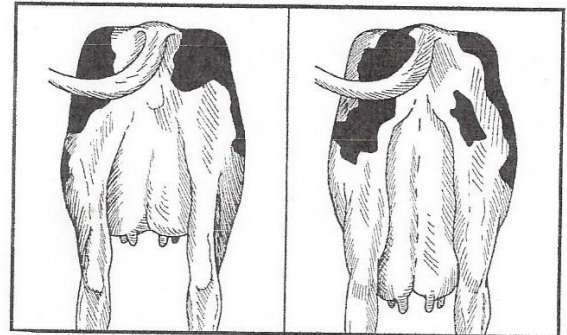


Correct ☐ cow-hocked ☐ sickle-hocked ☐ post-legged ☐ Correct ☐

REAR UDDER ATTACHMENT

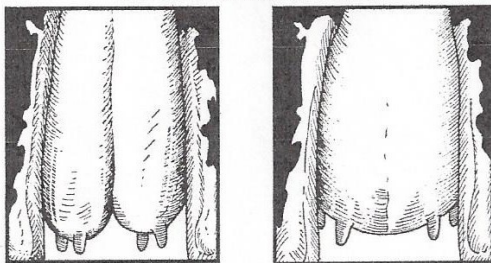


UDDER DEPTH

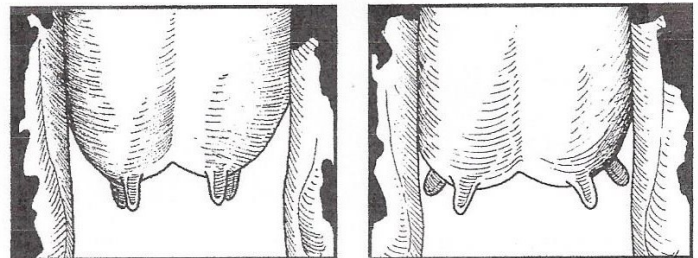


Ideal ☐ deep udder ☐ pear-shaped udder ☐ low udder ☐ Ideal ☐

CENTRAL LIGAMENT



TEAT PLACEMENT



Correct teat placement ☐ strutting teats ☐ broken cleft ☐ Correct ☐

Breed Identification

All name the breed, seniors 14-19 please also give the state that the registration office is located.

1. This very popular breed originated in the Netherlands and is known for producing the highest volume of milk. They are usually black and white, but some are red and white.

2. Developed in 1750 in the county of Ayr, Scotland, this breed is medium size with strongly attached, well-shaped udders. Although they have average milk production, they are known for their extreme hardiness and good foraging ability. These animals are red/mahogany and white.

3. This large-sized breed originated in Switzerland and is known for strength, ruggedness, and good feet and leg structure. Developed to graze the mountains, these cows have high milk production and provide high-protein milk for cheese. They are solid brown with a black nose, switch, and hooves.

4. This breed was developed on an island in the English Channel. They are the smallest cows, but produce milk highest in fat and protein. These animals are a shade of fawn with or without white markings.

5. This intermediate-sized breed was developed from an English breed of cattle; the breed association was formed in 1972. Although average milk producers, this breed is an efficient converter of feed into meat or milk. These animals have a high heat tolerance and can be red, white, or roan.

6. This breed was developed on an island in the English Channel to produce high-fat milk for making butter. This breed is known for it's gentle nature and yellow-tinted milk. Fawn and white markings characterize this breed.

My General Dairy Knowledge:

Ages 8 to 19 complete the following questions:

In order to move cattle in the state of Michigan what kind of tag is required? _____ (note these tags are also required for all cattle who are on site at GCFFY.)

All breeding stock INCLUDING DAIRY shown at GCFFY preregister using the following form:

_____. The deadline to submit this form without penalty is _____.
_____. The last day forms may be submitted with a penalty is _____.

All cattle shown at GCFFY should not have any horn longer than _____ inch(es).

What time must all fair animals be fed and watered and have their pens cleaned by? _____.

If proper care is not given to your animal the superintendent will place a _____ tag on your pen and the exhibitor must

If there is a second offense, a _____ tag will be placed on your pen and the exhibitor must

What is colostrum and why it is important to a calf? _____

Ages 14 to 19 complete the following questions:

What is mastitis? _____

What issues are currently facing the dairy industry? _____

What changes, or additions would you like to see happen in the dairy program?
