

Record Book Instructions:

DON'T CHANGE THE PAPER:

Completed record books must be on standard letter sized (8.5"x11") white paper and HANDWRITTEN. 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 and/or designated by the superintendent.

USE THE RIGHT RESOURCES:

Good resources to help complete this record book is <http://www.holsteinfoundation.org/> available for download from the Holstein Foundation and the "Dairy Resource Handbook" (OSU Extension 4H127R) is available for checkout at the MSU Extension Office. Some answers will be found at gcfy.org and inside the fair book general and species rules.

| | Possible Points | Points Given |
|---|------------------------|---------------------|
| My Project | 30 | |
| Expenses | 10 | |
| General Knowledge | 30 | |
| Health | 20 | |
| Neatness, Presentation (Binder or notebook, decorated, | 10 | |
| Total Points | 100 | |

My Project Animal & I: **Junior, Intermediate, & Seniors**

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: Junior, Intermediate, & Seniors

Project Animal (s):

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

How did you obtain your dairy project animal (s)? _____

What plans do you have for your animal(s) after GCFFY is over?

What was your biggest challenge with this project? _____

Describe the pen/pasture you have for your dairy animal : _____

My Project- Junior, Intermediate, & Seniors

Your project takes regular care and management. List the things necessary to take care of your project animal (s). Feeding and watering practices, grooming (clipping, trimming, foot care, etc.), health practices and medicines, general management (cleaning living area and feed pans, halter breaking, training etc.)

Daily Responsibilities - _____

Weekly Responsibilities - _____

Monthly Responsibilities - _____

Yearly Responsibilities - _____

My Project- Junior, Intermediate, & Senior

What do you feed your animal? (check all that apply)

Hay ___ Pellets ___ Grain ___ Supplements ___ TMR ___ Other (Explain) _____

If you have a feed tag attach to this paper or below. If mixing your own ration or grain, list ingredients and amounts below. Answer the questions to best of your knowledge. (If you have more than one ration for different animals, only choose one for the following questions.)

What is the Brand Name and Product Name of this feed?

Who is responsible for manufacturing this feed? _____

What is the crude protein percentage in this feed? _____

What is the crude fiber percentage in this feed? _____

What is the main ingredient in this feed? (if not clear, probably the first ingredient listed) _____

Is this a medicated feed? _____

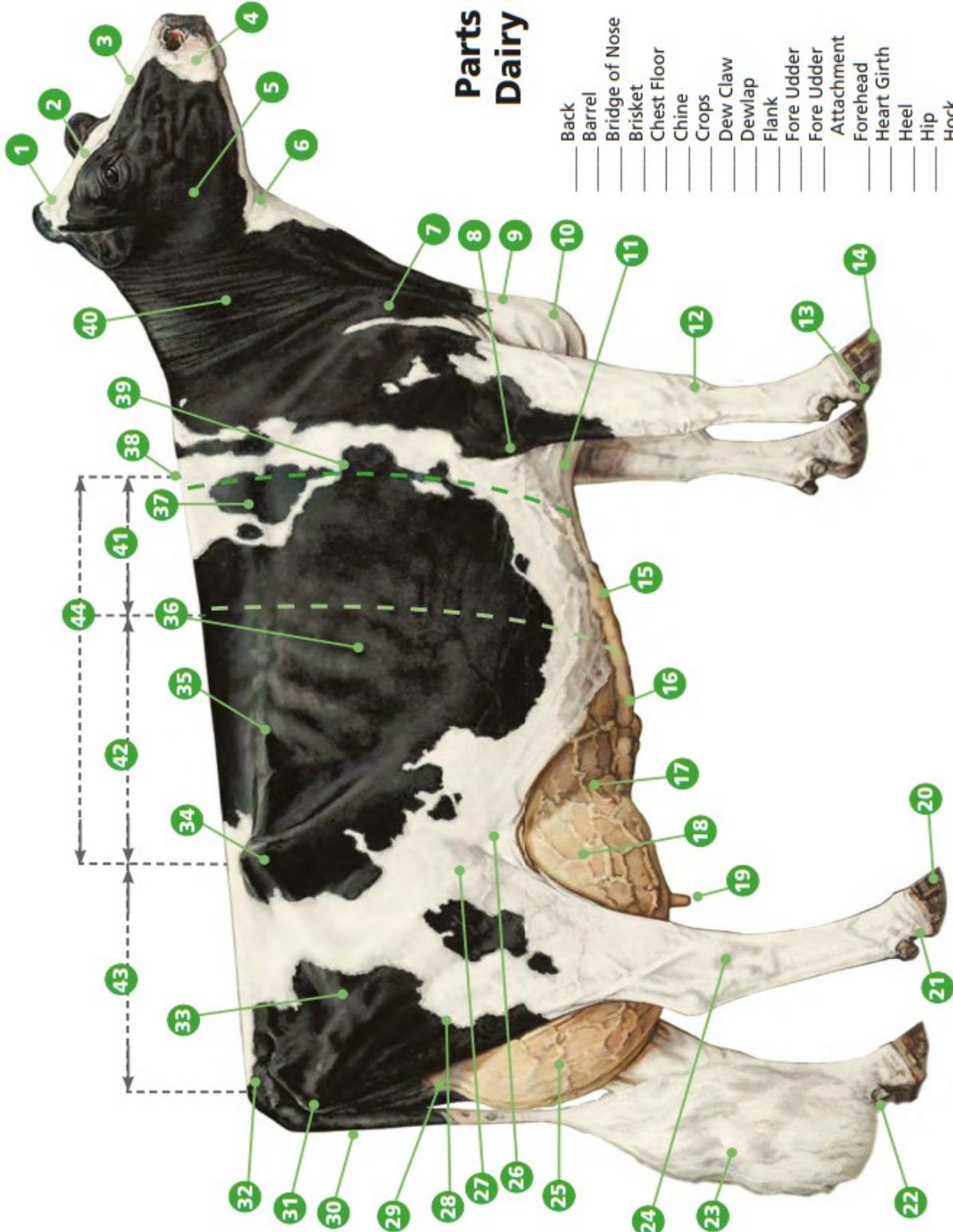
GCFFY Dairy Department Rules:

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

If proper care is not give 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 _____

When the animals go home from fair, what are you expected to do in the barn where you animal was stalled?



Parts of a Dairy Cow

- | | |
|----------------|----------------|
| Back | Muzzle |
| Barrel | Neck |
| Bridge of Nose | Pastern |
| Brisket | Pin Bones |
| Chest Floor | Point of Elbow |
| Chine | Point of |
| Crops | Shoulder |
| Dew Claw | Poll |
| Dewlap | Rear Udder |
| Flank | Rear Udder |
| Fore Udder | Attachment |
| Fore Udder | Ribs |
| Attachment | Rump |
| Forehead | Sole |
| Heart Girth | Stifle |
| Heel | Switch |
| Hip | Tail |
| Hock | Tail Head |
| Hoof | Teats |
| Jaw | Thigh |
| Knee | Throat |
| Loin | Thurl |
| Mammary Veins | Withers |
| Milk Wells | |

Activity: Parts of a Cow

Label all of the parts of the cow.

My General Dairy Knowledge: Junior, Intermediate, & Senior

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

1) Frame %

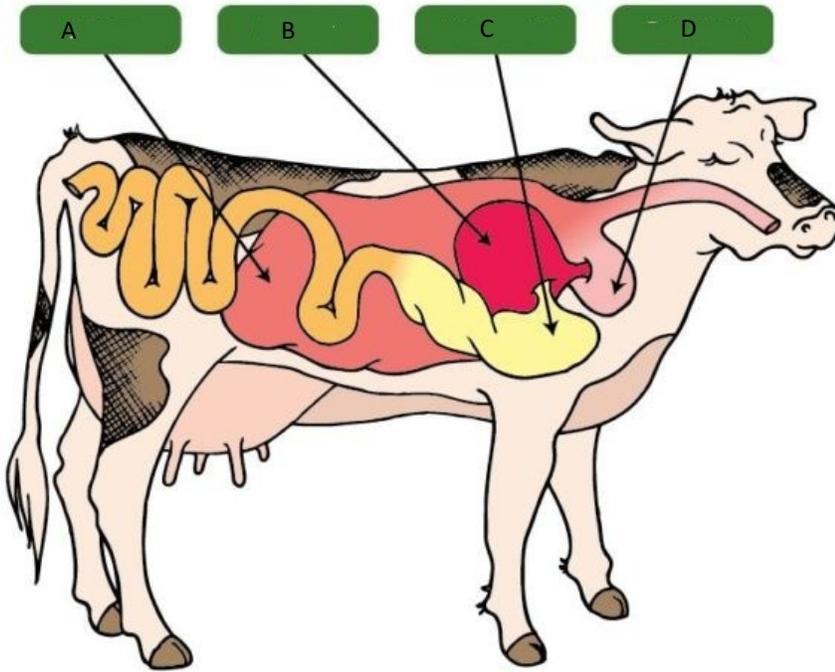
2) Dairy Strength %

3) Rear Feet and Legs %

4) Udder %

My General Dairy Knowledge: **Intermediate and Seniors ONLY**

Artificial insemination is a common practice used in the cattle industry. What is a reason that dairy farmers use artificial insemination in dairy cattle?



Label each of the cows four chambers in their digestive system and explain the main function of each.

A- _____

B- _____

C- _____

D- _____

Health- Disease and Illness Identification **Junior, Intermediate, & Seniors**

What is Ringworm and how is it spread?

What is Pinkeye? List a way to help prevent and treat it.

What is Scours? List a way to help prevent and treat it.

If a medicine or vaccination has a 5 day meat withhold on the label, what does that mean?

If a medicine or vaccination has a 48 hour milk withhold on the label, what does that mean?

Health- Disease and Illness Identification **Intermediate and Seniors Only**

Below are some of the most common and costly illnesses affecting dairy cattle. Choose ONE and research it to answer the following questions. Circle the one you chose!

- Bovine Respiratory Disease (BRD)** **-Coccidiosis** **-Mastitis** **-Lameness** **-Ketosis**
- Retained Placenta** **-Metritis** **-Dystocia** **-Displaced Abomasum** **-Milk Fever**

How are cattle infected with this disease?

How can you treat cattle that have this disease? Name a medicine and how to treat symptoms.

How can you prevent your animal from getting that disease?
