

## Barry County Dairy Feeder Notebook Senior - Ages 15-19

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Project Leader Name: \_\_\_\_\_ Years in Project: \_\_\_\_\_

A Dairy Feeder Notebook is required for all Dairy Feeder 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 the dairy feeder animal and exhibitor from participating in the Barry County Fair. In the event of extenuating circumstances, another 4-H member may present the notebook for judging with an absentee form but can result in a lower award.

The notebook may be typed or handwritten in neat and clear penmanship. The notebook should be displayed in a hard cover notebook that contains each year's journal from the time the exhibitor started exhibiting a 4-H Dairy Feeder project.

The notebook must include this completed packet of records and project knowledge, proof of vaccinations (the top of box or vet receipt), and thank you cards for buyers for **each** animal being **shown** at the fair, even if the animal is not being sold. Exhibitors must contact at least three potential buyers and include in the notebook the list of who was contacted and must have a copy of their personnel buyer letter. BQA certification must also be included.

Project pictures are a required part of the notebook. Taking pictures of project animal(s) throughout the project will indicate how animal(s) have grown and developed. Pictures of the animal(s) and the exhibitor are preferred. Get creative in your presentation.

**Dairy Feeder #1**  
**Project Information**

Name	
Ear Tag Number	
RFID Number	
Breed	
Birth Date	
Purchase Date	
Purchased From	
Purchase Price	
Weaning Date	

**Purchase Price:** \$ \_\_\_\_\_

**Required Management Practices**  
**(RMP)**

	Date Performed	Product or Method Utilized	Person(s) Performing Task	Cost
1st Vaccination (IBR/BVD)				
2nd Vaccination (IBR/BVD)				
Dehorning				
Castration				
Deworming				
Implanting (optional)				

**Total Costs of RMP \$** \_\_\_\_\_

*Remember to include receipts or box tops for vaccinations.*

**Dairy Feeder #2**  
**Project Information**

Name	
Ear Tag Number	
RFID Number	
Breed	
Birth Date	
Purchase Date	
Purchased From	
Purchase Price	
Weaning Date	

Purchase Price \$ \_\_\_\_\_

**Required Management Practices  
(RMP)**

	Date Performed	Product or Method Utilized	Person(s) Performing Task	Cost
1st Vaccination (IBR/BVD)				
2nd Vaccination (IBR/BVD)				
Dehorning				
Castration				
Deworming				
Implanting (optional)				

Total Costs of RMP \$ \_\_\_\_\_

*Remember to include receipts or box tops for vaccinations.*

## Feed Record & Expenses

Month	Type of Feed Used (Milk Replacer, Grains, Supplements, Treats, etc. Include ingredients, not just % of protein.)	Pounds of Feed per Day	Total Monthly Cost
January			
February			
March			
April			
May			
June			
July			

**Total Cost of Feed \$ \_\_\_\_\_**

*Remember to include receipts.*

## Other Expenses

Month	Veterinary Fees (Any other visits other than RMP, etc.)	Fair Fees (manure fees, scale fees, etc.)	Everyday Supplies (Feed pails, water buckets, boots, etc.)	Show Supplies (Halter, Show Stick, T Comb, Clothes, etc.)	Other Expenses (Please list.)	Total Monthly Cost
January						
February						
March						
April						
May						
June						
July						

**Total Cost of Other Expenses \$ \_\_\_\_\_**

*Remember to include receipts.*

## Financial Summary

### Estimated Gross Income (pre-sale)

*Estimate what you believe your animal(s) will weigh at weigh in and what your animal(s) are worth per pound for the Dairy Feeder Sale.*

*(Animal Weight x Price Per Pound = Gross Income)*

#### Dairy Feeder #1

Animal's Weight	
Price Per Pound	
Gross Income	

#### Dairy Feeder #2

Animal's Weight	
Price Per Pound	
Gross Income	

### Actual Gross Income (after-sale)

*Finish this section after fair with your actual sale data.*

*(Animal Weight x Price Per Pound = Gross Income)*

#### Dairy Feeder #1

Animal's Weight	
Price Per Pound	
Gross Income	

#### Dairy Feeder #2

Animal's Weight	
Price Per Pound	
Gross Income	

### Expenses

Purchase Price(s) Pages 2 & 3	
Total Costs of Required Management Practices Pages 2 & 3	
Total Cost of Feed Page 4	
Total Cost of Other Expenses Page 5	
<b>Total Expenses</b>	

**Estimated Net Profit or Loss:** \_\_\_\_\_

*(Estimated Gross Income - Total Expenses)*

**Actual Net Profit or Loss:** \_\_\_\_\_

*(Actual Gross Income - Total Expenses)*



## **Project Questions & Knowledge**

### **Senior - Ages 15-19**

Age 15: 1) Define the term "Wholesale Cuts of Beef".

2) What are two (2) common "energy" foods in a calf's ration?

Age 16: 1) Define the term "Retail Cuts of Beef".

2) What is the most common "protein feed" in a calf's ration and why?

Age 17: 1) Name the first and second compartments of the dairy feeder's digestive tract and explain what purpose they serve in the process of digesting food.

2) What two (2) feed additives would be available "free choice" at all times and why?

Age 18: 1) Name the third and fourth compartments of the dairy feeder's digestive tract and explain what purpose they serve in the process of digesting food.

2) Which two (2) Dairy Breeds tend to produce "yellow fat" and are undesirable to packers and consumers and why?

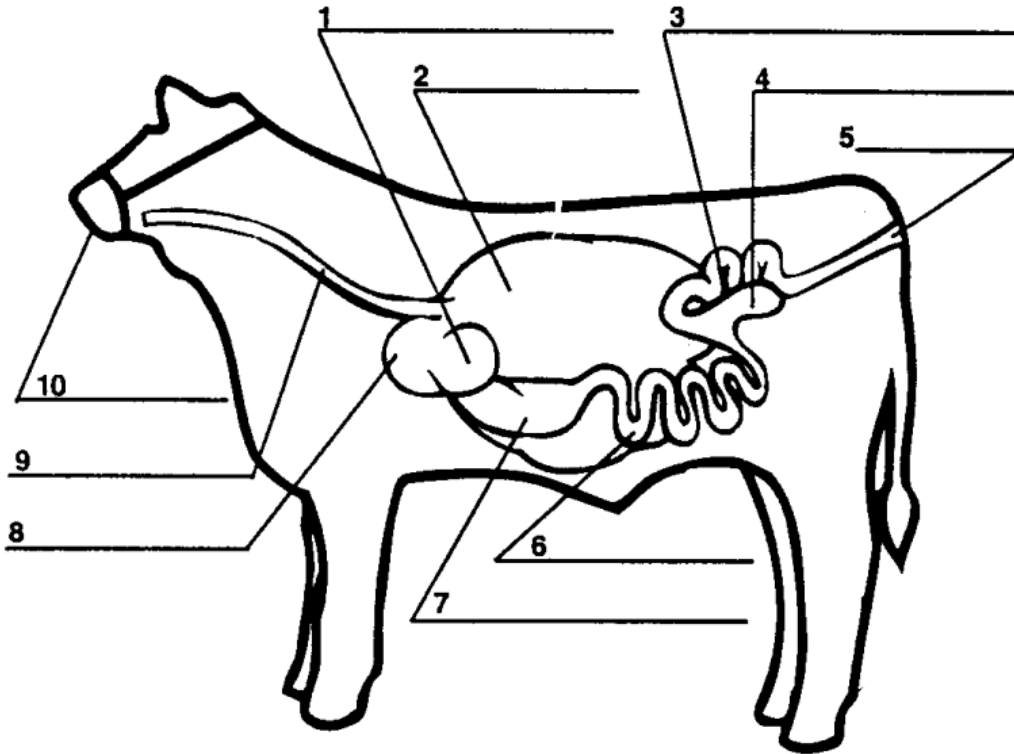
Age 19: 1) Name three (3) quality grades of carcass beef and what factors are used to calculate "Yield Grade"?

2) What are the two (2) largest bodied Dairy Breeds and what are some of the challenges associated with finishing these breeds out.



## Project Knowledge Senior - Ages 15-19

Match the number to the name of the steers' digestive system.



- |   |  |   |
|---|--|---|
| <p>_____ Cecum</p> <p>_____ Esophagus</p> <p>_____ Omasum</p> | <p>_____ Abomasum</p> <p>_____ Large Intestine</p> <p>_____ Reticulum</p> <p>_____ Small Intestine</p> | <p>_____ Anus</p> <p>_____ Mouth</p> <p>_____ Rumen</p> |
|---|--|---|

Explain how each of the 4 stomach chambers digests food in a ruminant animal.

What is hardware disease and what are ways to prevent it?

## **Dairy Feeder Project Story**

### **Senior - Ages 15-19**

In five or six paragraphs; explain what you learned, what beef management skills you have learned and how you have used them in your project, what the Quality Assurance Program is and why it is important, and what you enjoy about 4-H and your Dairy Feeder Project. Include photographs showing start to finish of your project. Use additional pages if necessary, especially for the photographs.