

# GRATIOT COUNTY



## DAIRY PROJECT RECORD BOOK 2019

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

# All about my dairy project...

Project Animal(s):

Name or ID	Breed	Date of Birth	Sire	Dam

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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Dairy Project Resource List:**  
*[http://www.holsteinfoundation.org/pdf\\_doc/workbooks/WorkingDairyCattle\\_WKBK.pdf](http://www.holsteinfoundation.org/pdf_doc/workbooks/WorkingDairyCattle_WKBK.pdf)  
Ohio State University Extension "Dairy Resource Handbook" 127R. Available for checkout at Gratiot MSU Extension Office.*



# My Project Animal Pedigree:

*Record Pedigree information for at least one of your project animals. Information may include registration numbers, production records, classification scores, awards, and sire summary.*

Grand Sire	Grand Dam	Grand Sire	Grand Dam
Sire		Dam	
Name of Animal _____			
Birth Date _____			

## 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.*

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
TOTAL Column Expenses					
TOTAL PROJECT EXPENSES:					

## My project breeding & calving records:

Complete the charts below. Please record any breeding records your project animal may have within the past year. If your animal is a heifer and has not been bred prior fair show, please write a half page story about your dairy project.

Calving	Date Bred	Date Bred	Date Bred	Date Bred	Due Date	Service Sire, Name or ID	Breeding Fees*
1st							
2nd							
3rd							
4th							
TOTAL BREEDING FEES:							
* In breeding fees, include semen costs, technician fees, synchronization expenses, breeding supply expenses, etc.							

How and/or why did you choose the bull you bred your heifer/cow to?

---



---



---



---

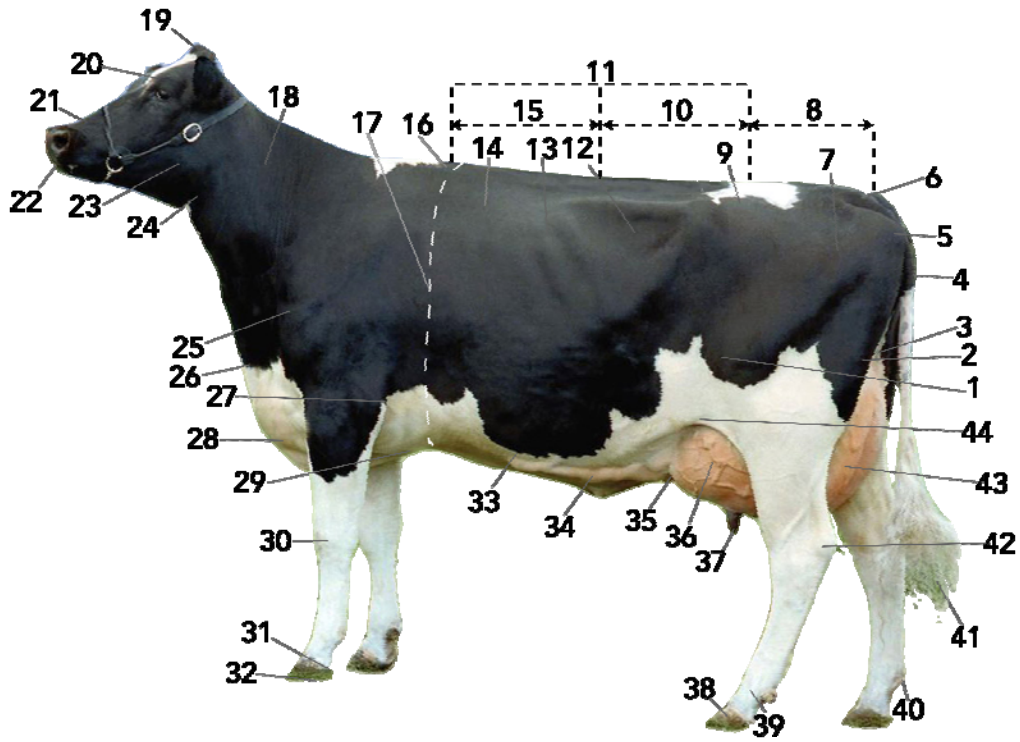


---

Calving	Date of Calving	Female or Male Calf	Calf ID	Comments (calf sold, calving difficulties, calf description, etc.)
1st				
2nd				
3rd				
4th				

# 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

%
---

---

---

---

---



# My General Dairy Knowledge:

Ages 8 to 19 complete the following questions:

According to the Holstein Foundation's *Working with Dairy Cattle*, what are the seven dairy breeds?

---

---

---

---

---

---

List and briefly describe four methods of dehorning:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

How was your animal dehorned? \_\_\_\_\_

Describe the environment and housing you provided for your animal.

---

---

---

---

---

---

---

---

---

---

# 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 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

---

---

Normal temperature for a cow is \_\_\_\_\_ °F.

Infectious diseases that are spread between people and animals are called \_\_\_\_\_ diseases.

Explain ringworm: \_\_\_\_\_

---

---

You know your dairy animal best, if you suspect your project animal becomes ill at the fair you should report this to the \_\_\_\_\_.

Because of the cow's special digestive system, they are called \_\_\_\_\_.

The four chambers of the cow's stomach are: \_\_\_\_\_

---

---

What are measures we can take at the fair to protect our animals from becoming ill? \_\_\_\_\_

---

---

What are measures you can take to prevent you or fair visitors from becoming ill after being at the fair?

---

---

---

# My General Dairy Knowledge - continued.

**Ages 14 to 19 complete the following questions:**

What are some things you can do to prepare your dairy animal for show or sale? \_\_\_\_\_

---

---

What are forages and give examples of common forages used on dairy farms? \_\_\_\_\_

---

---

What is biosecurity? \_\_\_\_\_

---

---

---

What biosecurity measures do you take at home before and after the fair (or if you go to other shows before the fair)?

---

---

---

---

Why is record keeping important in a dairy operation? \_\_\_\_\_

---

---

Name five diseases of dairy cattle that can be prevented by vaccinations.

_____	_____
_____	_____
_____	

Why is it important to withhold milk for sale after treating a lactating cow with antibiotics? \_\_\_\_\_

---

---