

# Oconto County Junior Dairy Project

## DAIRY HEIFER

### IDENTIFICATION SHEET

2019

#### EXHIBITOR INFORMATION:

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

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

County: \_\_\_\_\_ Club/Chapter: \_\_\_\_\_

Managerial:  Yes  No Animal Owner: \_\_\_\_\_

Years Participated in Dairy Project: \_\_\_\_\_

#### ANIMAL IDENTIFICATION:

Animal's Name: \_\_\_\_\_ Premise ID: \_\_\_\_\_

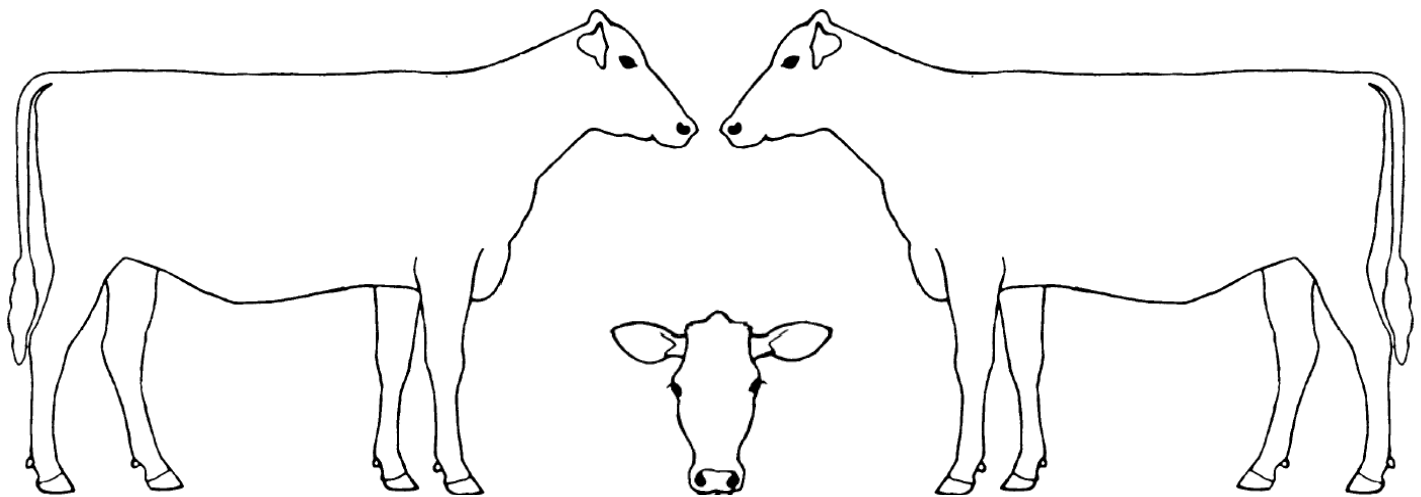
Sire: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Breed: \_\_\_\_\_ Registered or Grade: \_\_\_\_\_

Registration Number: \_\_\_\_\_ Tattoo: \_\_\_\_\_ Right or Left Ear: \_\_\_\_\_

#### Acceptable identification for all dairy animals (please select ONE method of identification)

- **Diagram Below:** All color markings
- **Photograph:** Appropriate for breeds with distinctive color markings
- **Registration Papers:** All registered breeds with corresponding visual identification
- **Tattoo or Official Breed ID:** For animals solely identified by tag



DAIRY ID SHEETS MUST BE TURNED INTO THE DAIRY SUPERINTENDENTS AT TIME OF FAIR CHECK-IN

For animal to be eligible to show at the county fair.

Exhibitor's Signature: \_\_\_\_\_ Parent's Signature: \_\_\_\_\_

**Please explain the advantages and disadvantages of the identification system used for your animal:**

*Advantages:* \_\_\_\_\_

*Disadvantages:* \_\_\_\_\_

**Please explain the strengths and weaknesses in your animal's conformation and what led you to choose her for your fair project?**

*Strengths:* \_\_\_\_\_

*Weaknesses:* \_\_\_\_\_

### Health Record

Health records are important both in the management of the animal as well as responsible use of animal medications and vaccines. Please list all vaccinations and treatments given to your heifer.

Date	Vaccine or Treatment Given	Reason

## Economic Considerations

Feed costs account for 60% of the total cost of raising a heifer calf from birth to first calving. Additional costs include labor and management costs, fixed costs including housing and equipment, and variable costs, including veterinary, bedding, interest, and death loss.

### Calculate the cost of raising your calf from birth to weaning

How many days will your calf be fed milk or milk replacer before it is weaned? \_\_\_\_\_

For example: A calf is fed milk for 6 weeks. Answer: 6 weeks x 7days/week = 42 days on liquid feed

Item	Average Cost/ Day*	Example: Calf fed 42 days (6weeks)	Figure the cost for raising your calf using the average costs
<b>Liquid Feed</b> (A calf will drink 1 lb of milk replacer powder mixed in a gallon of water or 8 lbs of milk each day.)	<b>\$0.61/day</b>	<b>\$25.62</b>	
<b>Calf Starter</b> (A calf should consume 1-2 lbs of starter per day prior to weaning.)	<b>\$0.35/day</b>	<b>\$14.70</b>	
<b>Forage</b>	<b>\$0.03/day</b>	<b>\$1.26</b>	
<b>Bedding</b>	<b>\$0.10/day</b>	<b>\$4.20</b>	
<b>Veterinary</b>	<b>\$0.15/day</b>	<b>\$6.30</b>	
<b>Death Loss</b>	<b>\$0.08/day</b>	<b>\$3.36</b>	
<b>Interest</b>	<b>\$0.06/day</b>	<b>\$2.52</b>	
<b>Labor Management</b> (It takes approximately 9 minutes each day to feed and care for a calf.)	<b>\$1.19/day</b>	<b>\$49.98</b>	
<b>Calf Housing</b>	<b>\$0.19/day</b>	<b>\$7.98</b>	
<b>Calf Equipment</b>	<b>\$0.02/day</b>	<b>\$0.84</b>	
<b>Total Cost</b>		<b>\$116.76</b>	

\* *Economic Cost and Labor Efficiencies Associated with Rearing Dairy Herd Replacements on Wisconsin Dairy Farms Research Report.*  
Pat Hoffman, UW-Extension Dairy Management Specialist.

## Calculate the cost of raising your heifer from weaning to first calving

At what age will your heifer enter the milking herd? \_\_\_\_\_

How many days after weaning will your heifer be fed before she enters the milking herd? \_\_\_\_\_

For example: A heifer enters the milking herd at 24 months of age.

Answer: 24 months x 4 weeks/month = 96 weeks

96 weeks - 6 weeks (period of time fed before weaning) = 90 weeks

90 weeks x 7 days/week = 630 days on feed

Item	Average Cost/Day*	Example: Heifer fed 630 days	Figure the cost for raising your heifer from weaning to first calving using the average costs
Feed	\$0.95/day	\$598.50	
Bedding	\$0.04/day	\$25.20	
Veterinary	\$0.05/day	\$31.50	
Breeding	\$0.04/day	\$25.20	
Electrical and Fuel	\$0.05/day	\$31.50	
Interest	\$0.05/day	\$31.50	
Death Loss	\$0.01/day	\$6.30	
Labor Management (It takes approximately 9 minutes each day to feed and care for a calf.)	\$0.21/day	\$132.30	
Manure Storage	\$0.03/day	\$18.90	
Housing	\$0.14/day	\$88.20	
Equipment	\$0.04/day	\$25.20	
<b>Total Cost</b>		<b>\$1014.30</b>	

\* Economic Cost and Labor Efficiencies Associated with Rearing Dairy Herd Replacements on Wisconsin Dairy Farms Research Report.  
Pat Hoffman, UW-Extension Dairy Management Specialist.

What is the total cost of raising your dairy heifer from birth to first calving?

$$\begin{array}{r} \text{Cost of calf Raising} + \text{Cost of Heifer Raising} + \text{Market Value of Calf at Birth} = \text{Total Cost} \\ \text{_____} + \text{_____} + \text{_____} = \$ \text{_____} \end{array}$$

For our example animal, the total cost to raise the heifer is:

$$\begin{array}{r} \text{Cost of Calf Raising} + \text{Cost of Heifer Raising} + \text{Market Value of Calf at Birth} = \text{Total Cost} \\ \$116.76 + \$1,014.30 + \$200 \text{ calf value} = \$1,331.06 \end{array}$$