

# 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: \_\_\_\_\_

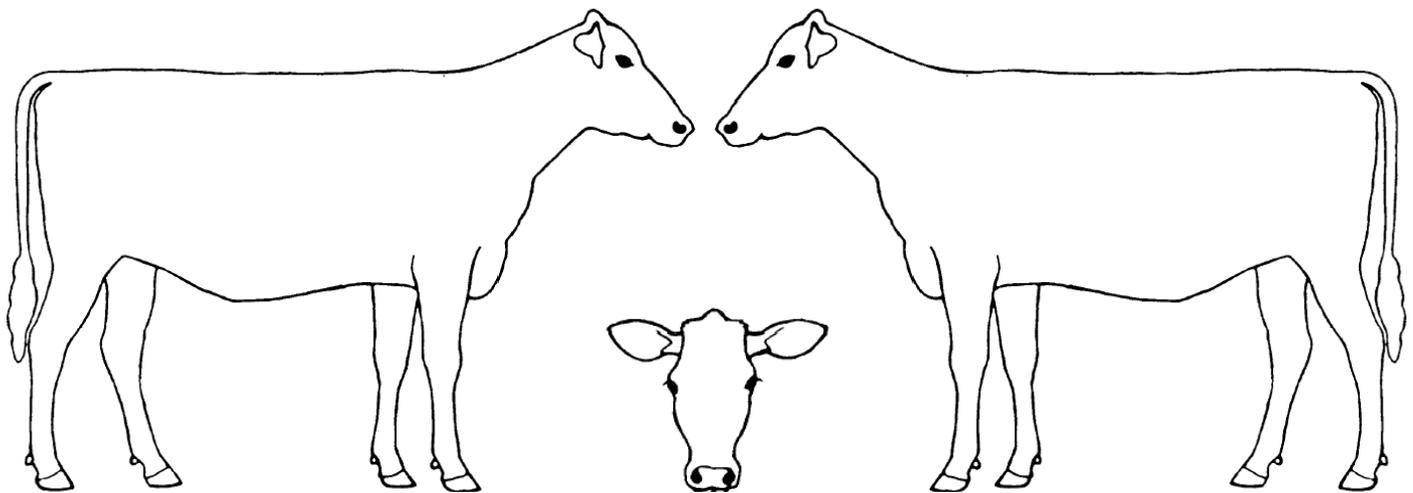
Sire: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

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: \_\_\_\_\_



## 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?

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

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

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