Barry County 4-H
Junior Dairy Project Record Book
Ages 9 – 11

Members Name: ___________________________ Age ______

Address:  ___________________________________________

Club Name:  _________________________________________

Leaders Name:  _______________________________________

March 09
Please fill out this record book as best you can. If you need help, ask your parents or your 4-H Leader.

Please answer the following questions:

1. What do you feed your animal? _______________________________________
   ___________________________________________________________________
   ___________________________________________________________________

2. How do you keep your animal healthy? _________________________________
   ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________

3. What did you like best about this project? _____________________________
   ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________

4. What did you like least about this project? _____________________________
   ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________

5. What did you learn from this project? _________________________________
   ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________

6. What was your biggest challenge with this project? ___________________
   ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________

Judges Comments
My 4-H Dairy Story

Tell about interesting things that have happened with you and your animal this year. You could also include things that you have done with your club and how you have done at other shows. You can add more pages if you need to for your story.
Please draw your animal’s markings on this heifer. You may color it if you would like.

Animal’s Name _____________________________________________  Herd Number __________________________

Date of Birth __________________________  Breed __________________________________________________

Sire ________________________________________  Dam __________________________________________

(use one page like this for EACH animal you are showing)
Match the Parts

Write the letter of each body part next to its name listed below.

Age 9 – Match 5
Age 10 – Match 14
Age 11 – Match All

____ back        ____ pin bone
____ barrel      ____ point of shoulder
____ chest floor ____ rear udder
____ chine       ____ ribs
____ crops       ____ rump
____ fore udder  ____ shoulder blade
____ heart girth ____ stifles
____ hip         ____ tail
____ hock        ____ teat
____ hoof        ____ thigh
____ loin        ____ throat
____ muzzle      ____ thurl
____ neck        ____ withers
____ pastern

Age 10 Complete the Crossword Puzzle Below

Which breed is missing ______________________________?
Age 9

FIND-A-WORD
Alfalfa   Gallon   Milking Shorthorn
Ayrshire  Guernsey  Molasses
Brown Swiss Holstein  Oats
Corn      Jersey    Purebred
Dairy     Michigan  Red and White

C  B  R  O  W  N  S  W  I  S  S  T  X  O  M  R  F
D  O  E  P  P  I  R  Q  N  S  A  E  L  N  O  A  H
E  D  D  Y  R  E  D  O  G  O  L  M  M  D  L  U  D
T  L  A  N  D  T  U  A  X  H  I  A  B  F  A  F  A
F  R  N  M  H  S  L  O  T  Q  E  R  A  L  S  N  S
G  P  D  I  P  L  O  S  E  F  A  L  A  G  S  X  O
J  L  W  K  O  O  M  P  T  N  P  Q  S  R  E  P  T
B  B  H  N  C  H  D  J  E  A  L  Y  F  H  S  U  G
S  M  I  L  K  I  N  G  S  H  O  R  T  H  O  R  N
O  U  T  A  C  A  U  B  D  O  N  I  Y  S  R  E  J
I  J  E  R  S  E  Y  P  D  B  B  A  L  F  K  B  H
Y  W  A  S  R  D  F  R  Z  C  Z  D  A  C  O  R  N
P  V  L  N  O  R  V  H  S  I  L  L  D  S  P  E  S
Y  E  S  T  V  M  O  A  T  H  R  E  M  D  I  D  Q
D  E  L  I  N  A  G  I  H  C  I  M  U  R  A  L  D
Y  Z  O  P  P  I  R  E  A  D  L  R  A  M  D  E  R
A  L  L  B  O  C  C  Y  R  U  U  D  E  L  I  Q  X

Age 11

Name the compartments of a dairy cattle’s stomach:

________________________  ________________________

________________________  ________________________

The Normal Calf
All Ages

All calves need good health care, this includes nutritious food, a clean dry draft-free environment, exercise, daily grooming and care. You are responsible for providing these for your 4-H Project Animal.

**Calf Exam Records**

Calf Identification_____________________ Breed ________________________

Birth Date  ____________________________ Housing _____________________

General Health

☐ Excellent  ☐ Good  ☐ Poor

How does the calf look and act _________________________________________

Management Practices Completed

<table>
<thead>
<tr>
<th>Management Practices Completed</th>
<th>Yes</th>
<th>No</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horns removed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extra teats removed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>De-wormed recently</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free from flies and lice</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vaccinated against brucellosis (3 to 6 months of age) and leptospirosis (13 to 14 months of age)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ear tattooed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
(Use this page only to show pictures or activities you have been involved with in your club.)
Dairy Breed

Pick one of the breeds and discuss its characteristics, where it originated etc. and add a breed every year.
WHERE'S THE DAIRY?

Visit www.3adday.org for more fun ways to eat milk, cheese and yogurt every day!

"MOOS" YOU CAN USE

Eating 3-A-Day of Dairy is as easy as breakfast, lunch and dinner! Start your day off with a bowl of your favorite cereal with a cup of milk, munch sticks of string cheese at lunch and for a snack, have a cup of lowfat yogurt. Yum!

DID YOU KNOW?

Being strong isn't just about having big muscles...you gotta have strong bones, too! Two out of three kids aren't getting the calcium they need to help build stronger bones and better bodies. How many servings of lowfat milk, cheese or yogurt did you eat today?

KEY

Swiss Cheese Slice, Cheese Wheels, Cheese Cube, American Cheese Slice, String Cheese, Milk Bottle, Milk Gallon, Glass of Milk, Frozen Yogurt Pops, Yogurt cups, 3-A-Day Milk, Cheese, Yogurt.
Age 10 – Quiz

1) To make a gallon of milk, a cow needs to drink how much water?

2) About how many glasses of milk does the average cow produce each day?

3) Children ages 9-18 need how many servings of dairy products each day?

4) Which month is called Dairy Month?

5) What is a heifer?

Age 11 – Quiz

1) What temperature is milk as it leaves the cow?

2) How long is a cow’s gestation period and how much does a calf weigh at birth?

3) What is the number 1 cheese used on pizza?

4) What is the best bedding choice for calves in winter months?

5) What does DHIA stand for?