Members Name: _________________________ Age ________

Address: ___________________________________________

Club Name: _________________________________________

Leaders Name: _____________________________________
Please Note: Records must be kept on EACH animal exhibited at the fair. All records cover the lifetime of the animal. Pages 9 & 12 of this notebook are one set. Additional pages may be copied and added as needed. If a page or area does not apply to your animal, write **Does Not Apply** in the blank or area.

---

**First Year Questions**

1. List the five components of milk. __________________________________________________________
   
   __________________________________________________________

What is the average head size of dairy farms in the U.S.?
   a) 35 cows
   b) 56 cows
   c) 135 cows
   c) 512 cows

2. What does USDA stand for? ____________________________________________________________
   
   __________________________________________________________

3. What does DHIA stand for? ____________________________________________________________
   
   __________________________________________________________

I have printed or typed all of these records myself and understand that my leader and/or parents may have helped to advise me on content only.

Signed: ___________________________ 4-H Member

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Judges Comments
Second Year Questions

1) Dairy cows provide ________% of the world’s milk supply. The best cows give over ________ gallons of milk each day. That’s ________ glasses of milk. U.S. cows give an average of ________ gallons of milk per year. That’s over ________ glasses of milk.

2) What temperature should milk in a bulk tank be cooled to?
   a) 0-5 degrees
   b) 10-12 degrees
   c) 38-40 degrees
   d) 60-62 degrees

3) Heifer mastitis has become a major problem for dairymen. When is the best time to treat heifers to prevent or cure any diseases?
   a) 60 days before calving
   b) 1 to 2 weeks before calving
   c) At calving
   d) 1 to 2 weeks after calving

4) List a few breed characteristics of Holstein.
   a) _________________________________________
   b) _________________________________________
   c) _________________________________________

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Signed: _________________________________________ 4-H Member

Judges Comments
Third Year Questions

1) What does AI stand for? ________________________________

2) List a few breed characteristics of Brown Swiss.
   a) ________________________________
   b) ________________________________
   c) ________________________________

3) Newly purchased cattle should be quarantined for a minimum of how long to prevent disease transfer?
   a) 3 days
   b) 3 weeks
   c) 3 months
   d) not at all

4) What is the most common dry period length in the U.S.?
   a) 60 days
   b) 40 days
   c) 30 days
   d) none

I have printed or typed all of these records myself and understand that my leader and/or parents may have helped to advise me on content only.

Signed: ________________________________ 4-H Member

Judges Comments
Fourth Year Questions

1) List the breed characteristics of Jersey.
   a) ________________________________________________
   b) ________________________________________________
   c) ________________________________________________
   d) ________________________________________________

2) List the percentages for each of the five major classifications on the Dairy Cow Unified Score Card.
   a) Frame _________
   b) Dairy Character _________
   c) Body Capacity _________
   d) Feet and Legs _________
   e) Udder _________

3) The cow’s first milk after giving birth is called _________________. It is rich in ________________ and ________________ and _________________. The first milk also contains ________________ that a newborn calf needs to fight ________________ and _________________.

4) Teat postdipping is a way to prevent the spread of environmental pathogens that cause mastitis. How much of the teat should be covered with the dip for full protection?
   a) just the tip
   b) half the teat
   c) 80 percent of the teat
   c) the whole teat and the underside of the udder

I have printed or typed all of these records myself and understand that my leader and/or parents may have helped to advise me on content only.

Signed: _________________________________________ 4-H Member

Judges Comments
**Fifth Year**

List the major Traits under each of the five areas on the PDCA Dairy Cow Unified Scorecard.

1) Frame – 15%

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

2) Dairy Character – 20%

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

3) Body Capacity – 10%

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________

4) Feet and Legs – 15%

__________________________________________________________________
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5) Udder – 40%

__________________________________________________________________
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Project Story

The project story should be a summary of what you have learned from your dairy experience. It might include past awards, interesting experiences, club stories, show experiences, etc. These are only suggestions. Remember, you can explain a lot of things in your Project Story. Additional pages may be added if necessary.
Use this page to show pictures of your project or activities you have been involved with in your club.
# Management Records

<table>
<thead>
<tr>
<th>Name</th>
<th>Breed</th>
<th>Control or ID Number</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Date of Birth</th>
<th>Birth Weight</th>
<th>Registration Number (if registered)</th>
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<thead>
<tr>
<th>Calfhood Vaccination</th>
<th>Date Purchased</th>
<th>Tattoo</th>
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<tbody>
<tr>
<td>Date:</td>
<td>Ear Tag #</td>
<td>Left:</td>
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<td>Right:</td>
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</table>

## Health and Veterinary Record

Update each year for each animal

<table>
<thead>
<tr>
<th>Date</th>
<th><strong>Problem:</strong> Dehorn, Extra Teats Removed, Diseases, Ringworm, Warts, Vaccinations, Health Checks, etc</th>
<th><strong>Treatment and/or Remarks</strong></th>
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</table>
Name the Parts
Write the part name next to each line
All Ages
## Breeding Records

<table>
<thead>
<tr>
<th>Breeding History for</th>
<th>Date Bred</th>
<th>Date Bred</th>
<th>Date Bred</th>
<th>Date Bred</th>
<th>Pregnant to: (Sire)</th>
<th>Calving Date</th>
<th>Calf Sex</th>
<th>Calf ID #</th>
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<tbody>
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<td>1&lt;sup&gt;st&lt;/sup&gt; Calving</td>
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<td>8&lt;sup&gt;th&lt;/sup&gt; Calving</td>
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</table>

## Show Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Show</th>
<th>Class</th>
<th>Placing</th>
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</table>
Feed Knowledge

Answer the following questions relating to feeding of dairy animals on Your Farm or Where Your Animals are Housed. (You can add a page if needed to show how amounts of feed or costs were obtained.)

1. After colostrums, what do you feed, for how long and why? ____________
   
   ________________________________________________________________
   
   ________________________________________________________________

2. After weaning your calf, what feeding program will be continued? ______
   
   ________________________________________________________________
   
   ________________________________________________________________

3. List 3 minerals and tell what their purpose is, (add three new minerals each year). ________________
   
   ________________________________________________________________
   
   ________________________________________________________________

4. How many gallons of water does a cow drink per day? ________________
   
   ________________________________________________________________
   
   ________________________________________________________________
**Show Classes**

Fill in the blank with the Class title that matches the Class age.

<table>
<thead>
<tr>
<th>Class Title</th>
<th>Class Age</th>
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<tbody>
<tr>
<td></td>
<td>Born on or after March 1 this year.</td>
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<td></td>
<td>Born previous Dec, Jan, Feb, this year.</td>
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<td></td>
<td>Born Sept, Oct, Nov previous year.</td>
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<td></td>
<td>Born June, July, August previous year.</td>
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<tr>
<td></td>
<td>Born March, April, May previous year.</td>
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<tr>
<td></td>
<td>Born Dec (year before last) Jan, Feb of previous year.</td>
</tr>
<tr>
<td></td>
<td>Born Sept, Oct, Nov (year before last).</td>
</tr>
</tbody>
</table>

**Members Note:** Notice how you work backwards for their age for each year. It may help you understand and remember the classes. It is very important that you become familiar and learn each class. When purchasing an animal for the showing, the younger the calf, the more important it is to purchase one that is at the beginning age of its class. Size isn’t the only thing that matters but it is important. Some judges don’t take the time to ask their age or make it important as to where he places you.

State the age class of your showmanship animal and why you chose that age animal.

________________________________________________________________________
________________________________________________________________________
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Physiological Systems
Pick a physiological system, define its purpose and function (add a new system each year).

System:______________________________________________

Purpose & Function:
________________________________________________________________________
________________________________________________________________________
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