Dairy Project Record Book
Heifer/Cow

- Members only showing calves must complete one Dairy Project Calf Record Book.
- Members only showing cows must complete one Dairy Project Heifer/Cow Record Book.
- Members showing a cow and calf must complete both.

Name: _________________________________________________________________
Address: _______________________________________________________________
4-H Club: _____________________________________________________________
4-H Leader: _____________________________________________________________
Age (as of 1/1):______________ Years in 4-H Dairy Project:__________________

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Rev. 11/2014
Why Keep Records?

- Members learn more about their project animals - costs, feed, health and management skills.
- Documents activities and progress in the project.
- Improves management and production practices.
- Helps plan future projects.

Keep this record as part of your Personal 4-H Records.
This information is helpful in applying for 4-H awards and scholarships. Remember - records are no better than what YOU put into them!

I understand that this is a **completed** Dairy Heifer/Cow Project Record Book as required.

4-H’ers Signature: ______________________________

4-H Leader’s Signature: __________________________

Extra Credit for my Dairy Project?

An outstanding 4-H project record is one that goes above and beyond what is expected. Be creative!

- A completed record book should have a beginning and final photograph. You are encouraged to be in the photo with your project animal(s), include more photographs, and include captions. You may use additional pages.

- Write a report on a related topic of at least one page: Proper Care and Nutrition; Selection; Animal Science; Safe Management Practices or Diagram of Farm Set-up; Veterinary Science; Food Products (such as sample “healthy” recipes) of cheese or milk, etc.

**MSU Mecosta Extension**
14485 Northland Drive
Big Rapids, MI 49307
http://msue.anr.msu.edu/county/info/mecosta
Phone: (231) 592-0795
Dairy Project Summary

Name:____________________________________  4-H Age (as of 1/1):_________

4-H Club:______________________________________________________________

Number of years in the Dairy Project, including this year?________

Number of project meetings held:__________  Number I attended:__________

I gave _______________ project talks or demonstrations.

Topics were:
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Have you participated in other dairy activities? Yes____  No____

If yes, list the activities, shows, fairs or related programs attended:
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

What were the three most important things you learned this year about dairy?
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

What are your goals for this year’s dairy project?
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________


Dairy Project Story

The Dairy Project Story should be a summary of what you have learned from your dairy experience. It might include past awards, interesting experiences, etc. These are only suggestions. Remember, you can explain a lot of things in your Dairy Project Story. Additional pages may be added, if necessary.
Dairy Project Photos

Be creative. The more photos, the better! You are encouraged to be in the photo with your Dairy project animal(s). You should also include captions on your pictures that at least include the date of the photograph. You may use additional pages.
Name the Parts

All ages

Match the correct letter or number to the part of the dairy heifer/cow.

_____ Barrel  _____ Heart Girth  _____ Pin Bones
_____ Back  _____ Hip  _____ Point of Shoulder
_____ Brisket  _____ Hock  _____ Poll
_____ Chest Floor  _____ Knee  _____ Rear Udder
_____ Chine  _____ Loin  _____ Rear Udder Attachment
_____ Dewclaw  _____ Mammary Veins  _____ Rump
_____ Dewlap  _____ Milk Wells  _____ Tail Head
_____ Flank  _____ Muzzle  _____ Teats
_____ Fore Udder  _____ Neck  _____ Throat
_____ Fore Udder Attachment  _____ Pastern  _____ Withers
### Management Records
Add pages, as needed, to record all cows/heifers on exhibit.

<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 or Age</th>
<th>RFID (required)</th>
<th>Tattoo</th>
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<tbody>
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### Health and Veterinary Record
Update each year for each animal.

<table>
<thead>
<tr>
<th>Date</th>
<th>Vaccination, procedure, or treatment and/or remarks</th>
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Records Questionnaire

*Questions refer to the farm or herd where your cow/heifer is regularly housed.*

How many cows does the farm have? ______________________________________

Total number of heifers and calves on farm? _________________________________

What percent of the herd are registered animals? _____________________________

Are the registered animals on a classification program? ______________________

Is the herd on a dairy testing program? _________________________________

If yes, which program? ________________________________________
Feed Record

Answer the following questions relating to feeding of dairy animals on your farm or where your animals are housed.

What types of feed and how much does a heifer eat from birth through one (1) year of age?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

What types of feed and how much does a heifer eat from one (1) to two (2) years of age?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

What types of feed and how much does the average mature lactating cow eat per day?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

What types of feed and how much does the average mature cow eating during one (1) year?

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
Dairy Record of Care

Animals(s) Name/I.D.# ________________________________

<table>
<thead>
<tr>
<th>Starting Date</th>
<th>Care Given</th>
<th>Care Giver</th>
</tr>
</thead>
<tbody>
<tr>
<td>of Week</td>
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</tbody>
</table>

- If your animal(s) is being raised on your own property, please have your parent or guardian sign this care sheet acknowledging that you provided the care to the animal(s) as recorded.

______________________________________________
__________________________
Signature of Parent/Guardian Date

- If your animal(s) is being housed on someone else’s property, then you must have the property owner sign your care sheet acknowledging that you personally provided the care to the animal(s) as recorded.

I, ________________________________, do attest and certify that this 4-H’er

Property Owner’s Name (please print)

cared for this animal in a responsible manner while housed on my property. I also understand that integrity and responsibility are important to the 4-H experience.

______________________________________________
__________________________
Signature of Property Owner Date

______________________________________________
__________________________
Signature of 4-H Leader Date
# Dairy Cow Unified Score Card

Using the Dairy Cow Unified Score Card, list the percent given to each major dairy trait.

1. **Frame**
   
   _____________%

2. **Dairy Character**
   
   _____________%

3. **Body Capacity**
   
   _____________%

4. **Feet and Legs**
   
   _____________%

5. **Udder**
   
   _____________%

Using the Dairy Cow Unified Score Card, list the criteria under each of the Five major traits. Add additional pages, if needed.

1. **Frame - 15%**
   
   ____________________________________________________________
   
   ____________________________________________________________

2. **Dairy Character - 20%**
   
   ____________________________________________________________
   
   ____________________________________________________________

3. **Body Capacity - 10%**
   
   ____________________________________________________________
   
   ____________________________________________________________

4. **Feet and Legs - 15%**
   
   ____________________________________________________________
   
   ____________________________________________________________

5. **Udder - 40%**
   
   ____________________________________________________________
   
   ____________________________________________________________
# My 4-H Dairy Project Record Book Score Sheet

4-H Member: ____________________________________________

4-H Club: ____________________________________________

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
<th>Possible Points</th>
<th>Your Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COVER SHEET</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All information is neat and complete.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>WHY KEEP RECORDS</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Leader signed book.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>DAIRY PROJECT SUMMARY</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All information is neat and complete.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>All questions are answered.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>PROJECT STORY</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Information is neat.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>DAIRY PROJECT PHOTOS</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Includes photographs of project animal(s).</td>
<td></td>
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<tr>
<td></td>
<td>Captions included with pictures.</td>
<td></td>
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</tr>
<tr>
<td>6</td>
<td>NAME THE PARTS</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Completed correctly.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>MANAGEMENT RECORDS</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All information complete for each project animal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-9</td>
<td>SHOW AND FEED RECORDS</td>
<td>10</td>
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<tr>
<td></td>
<td>Show record complete and questions answered.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>RECORD OF CARE</td>
<td>10</td>
<td></td>
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<tr>
<td></td>
<td>Information and signatures complete.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>UNIFIED SCORE CARD</td>
<td>10</td>
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<tr>
<td></td>
<td>All questions complete.</td>
<td></td>
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<tr>
<td></td>
<td><strong>TOTAL POINTS</strong></td>
<td><strong>100</strong></td>
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<tr>
<td></td>
<td><strong>A: 100 - 80; B: 79 - 60; C: 59 - 10</strong></td>
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</tbody>
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