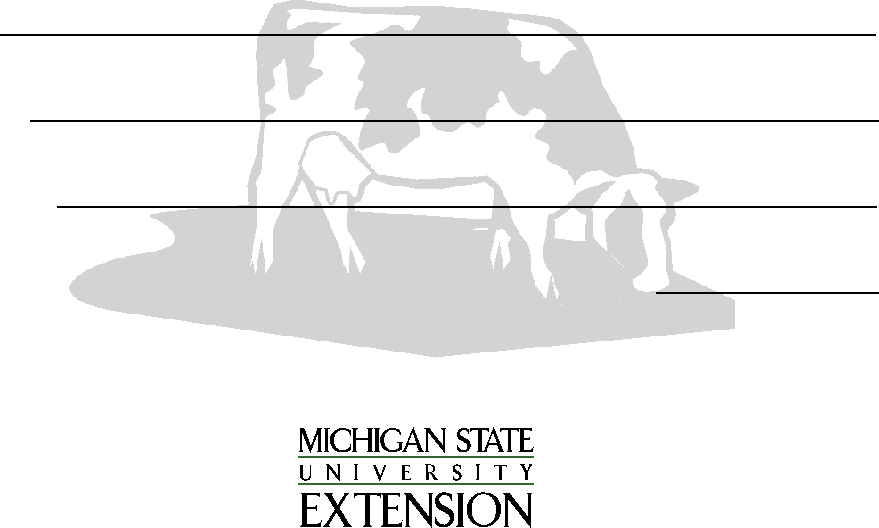


***Dairy Project Record Book***

***Junior (Age 8-11)***

**Do NOT put this record book in a binder.**

Name:

4-H Club:

4-H Leader:

Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, marital or family status.

##### Age (as of 1/1): Years in 4-H Dairy Project:

*Revised 4/2014*

#### 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!

Dairy 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!

**Ionia**

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

Write a report on a related topic of at least one page:

|  |  |
| --- | --- |
| **County** | 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 Extension** 50 E. Sprague Rd. Ionia, MI 48846  Phone: (616) 527—5357  Fax: (616) 522—1449 |

## 2

#### Dairy Project Summary

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

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

## 3

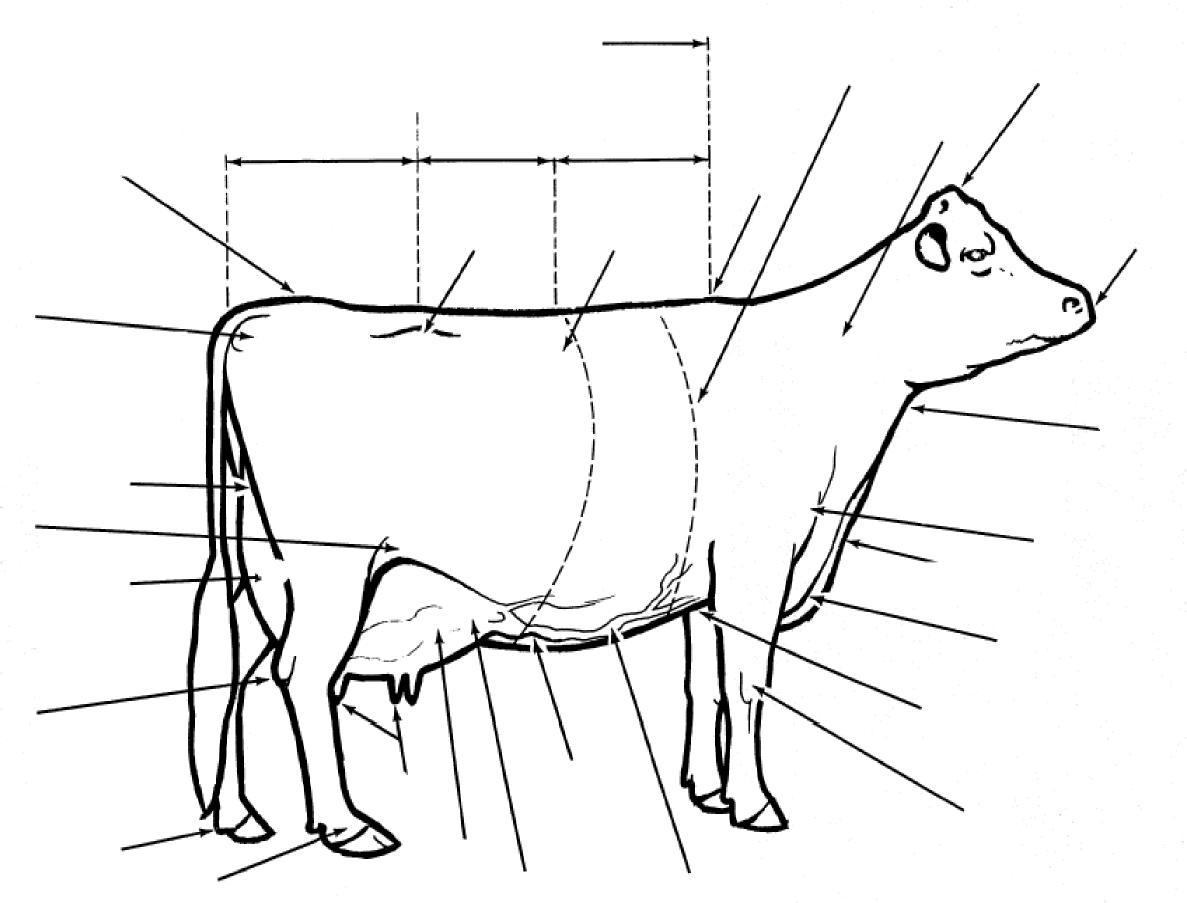
#### Dairy Project Photos

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.

4

#### Name the Parts

**All ages**

*Write the part number on each line.*

1. Muzzle
2. Hip
3. Dewclaw
4. Brisket
5. Throat
6. Dewlap
7. Knee
8. Flank
9. Pin Bones
10. Heart Girth
11. Back
12. Rump
13. Mammary Veins
14. Poll
15. Rear udder
16. Rear udder attachment

17. Neck

18. Chine

19. Teats

20. Point of Shoulder

21. Foreudder

22. Foreudder attachment

23. Tail Head

24. Loin

25. Milk Wells

26. Hock

27. Chest floor

28. Pastern

29. Barrel

30. Withers

# Management Records

*Fill out 1 of these pages per dairy project (You may have leftover pages)*

|  |  |  |
| --- | --- | --- |
| Name: | Breed: | Control or ID Number: |
| Date of Birth or Age: | RFID *(required):* Tatoo: Left -  Right- | |

|  |
| --- |
| How often do you feed/water your project? |
| What does your animal’s feed consist of? |
| What type of bedding do you use for your dairy project? |
| What is your dairy project? |
| How often is the pen/barn your animal stays in cleaned? How do you do this? |



# Management Records

*Fill out 1 of these pages per dairy project (You may have leftover pages)*

|  |  |  |
| --- | --- | --- |
| Name: | Breed: | Control or ID Number: |
| Date of Birth or Age: | RFID *(required):* Tattoo: Left – Right - | |

|  |
| --- |
| How often do you feed/water your project? |
| What does your animal’s feed consist of? |
| What type of bedding do you use for your dairy project? |
| What is your dairy project? |
| How often is the pen/barn your animal stays in cleaned? How do you do this? |

## 7

Management Records

*Fill out 1 of these pages per dairy project (You may have leftover pages)*

|  |  |  |
| --- | --- | --- |
| Name: | Breed: | Control or ID Number: |
| Date of Birth or Age: | RFID *(required):* Tattoo: Left - Right - | |

|  |
| --- |
| How often do you feed/water your project? |
| What does your animal’s feed consist of? |
| What type of bedding do you use for your dairy project? |
| What is your dairy project? |
| How often is the pen/barn your animal stays in cleaned? How do you do this? |

## 8

#### Records Questionnaire

*Questions refer to the farm or herd where your animals are housed.*

What breed(s) of cattle does the farm have?

How many lactating cows does the farm have? How many dry cows does the farm have?

Total number of heifers and calves on farm?

At what age are calves weaned off milk at this farm?

**“Udderly” Fun Matching**

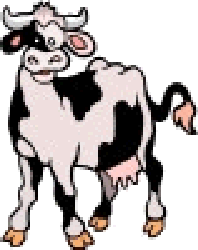
*Match the words below with the descriptions*

## A cooling tank where all of the milk from the farm is stores:

**The average Guernsey produces...**

**A cow is dry (not producing milk) for an average of ... A cow milks for approximately ...**

**Silage is ...**

**Holsteins are the highest producers of... Jerseys are the highest producers of... Colostrum is...**

**Forages are ...**

**A calf is milk fed for...**

**An animal with four stomach compartments:**

1. Grass or hay used for feed
2. Pounds of Milk
3. 6-7 Gallons
4. Grass compacted & stored in airtight conditions
5. 305 Days
6. Bulk Tank
7. 60 Days
8. Butter fat
9. The first milk after calving
10. 7-8 weeks



|  |
| --- |
| Dairy Project Showmanship |
| **Preparing for the Show Ring**   1. What are 3 basic tips you could give someone about washing a dairy project? 2. What do you find most difficult about clipping your dairy project? 3. What did you do to prepare your project for show? |
| **Safety Techniques**   1. Dairy cattle are color blind and have poor depth perception. What safety issues might this cause? 2. Dairy cattle are highly unpredictable, how do you safely approach your animal? 3. Name 3 things you should be aware of on the farm. (vehicles, animals, etc.) |
| **In the Show Ring**   1. What items are important to you in your dairy project show box? 2. What type of clothing might you wear in the show ring? |

### 10

Dairy Project Showmanship

How should a dairy cow’s feet be set under them when in the show ring? Specify the differences for dairy cows, heifers and bulls. Place name on line.

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## Dairy Farm Work Record

Record all of the work you completed for the farm that your dairy project is raised on. For example, what are your farm responsibilities apart from taking care of your 4-H dairy animal? The property owner’s

signature on the second page is mandatory.

|  |  |
| --- | --- |
| Description of Work Completed | Number of Hours Spent on Task |
|  |  |
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## Dairy Farm Work Record (continued)

**Date(s)**

|  |  |
| --- | --- |
| **Description of Work Completed** | **Number of Hours Spent**  **on Task** |

If your animal(s) is being raised on your own property, please have your parent or guardian sign acknowledging that you provided the care to the animal(s) and completed the dairy farm work as recorded.

If you are borrowing an animal from someone else, have the owner sign acknowledging that you provided the care to the animal(s) and completed the dairy farm work 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 and completed the works tasks listed above. 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

**My 4-H Dairy Project Record Book Score Sheet** 4-H Member:

##### 4-H Club:

|  |  |  |  |
| --- | --- | --- | --- |
| ***Page*** |  | ***Possible Points*** | ***Your Points*** |
| 1-2 | COVER SHEET/WHY KEEP RECORDS | 5 |  |
|  | All information is complete/signed by leader |  |  |
| 3 | DAIRY PROJECT SUMMARY | 5 |  |
|  | All information is neat and complete. All questions are answered. |  |  |
| 4 | DAIRY PROJECT PHOTOS | 10 |  |
|  | Includes photographs of project animal(s). Captions included with pictures. |  |  |
| 5 | NAME THE PARTS | 15 |  |
|  | Completed correctly. |  |  |
| 6-8 | MANAGEMENT RECORDS | 15 |  |
|  | All information complete for each project animal. |  |  |
| 9 | RECORDS QUESTIONNAIRE | 5 |  |
|  | Show record complete and questions answered. |  |  |
| 9 | “UDDERLY” FUN MATCHING | 5 |  |
|  | Completed correctly.. |  |  |
| 10 | DAIRY PROJECT SHOWMANSHIP“ | 10 |  |
|  | All information completed. |  |  |
| 11-13 | RECORD OF CARE | 15 |  |
|  | Information complete. |  |  |
| 14-15 | DAIRY FARM WORK RECORDE | 15 |  |
|  | Information complete and signed by leader. |  |  |
|  | TOTAL Points  A: 85- 100, B: 75 - 84, C: 60 - 74, No Rating: 0-39 |  |  |

**16**

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