



WELCOME

Welcome to the 4-H Dairy Project! Please read through this Dairy Guide carefully, as it contains information and suggestions that are important for your project. **Leaders can obtain a Leader Project Guide and other resources from the PEI 4-H Office.** Hopefully you, as a member, will “Learn to do by Doing” through hands-on activities that will encourage learning and enjoyment. If you have any questions, contact your District 4-H Officer or your 4-H project leader.

4-H YEAR COMPLETION

You complete a project by:

- completing the project Achievement Day requirements
- completing a communication project
- completing a community project
- completing an agriculture awareness project
- taking part in Achievement Day

You must complete all of the listed aspects in order to show at Fairs and Exhibitions.



ACHIEVEMENT DAY REQUIREMENTS

Conformation	20
Showmanship	20
Judging	20
Calf inspection (Unit 1 only) <i>or</i>	20
One Special Project Option (all other units)	
Fitting & Clipping Clinic	<u>20</u>
	100 Marks

AGE OF CALF YOU CAN SHOW

Members 9-10 years of age:

Heifer born December 1-February 28 (Intermediate heifer) and/or a Heifer born March 1-May 14 (Junior heifer calf)

Members 11-21 years of age: Select up to 3 heifers (from different classes)

- March 1-May 14: Junior calf
- December 1-February 28: Intermediate calf
- September 1-November 30: Senior heifer
- June 1-August 31: Summer yearling
- March 1– May 31: Junior yearling

Members must show all of their project animals at their Achievement Day in order to show in 4-H Classes at the Island Fairs and Exhibitions.

If an animal is not shown at Achievement Day it cannot show in 4-H Classes at the Fairs and Exhibitions.

Showmanship Classes

Ages for 4-H members as of January 1st of the 4-H year:

- Junior: 9-11 years
- Intermediate: 12-14 years
- Senior: 15-21 years

Check out the PEI 4-H Web Site

www.pei4h.pe.ca

HELPFUL RESOURCES!

Internet Sites...

www.dairyinfo.gc.ca
www.dairygoodness.ca
www.dairyfarmers.org
www.moomilk.com
www.carc-crac.ca

Booklets...

Showmanship...Leading to Win
Dairy Cattle...Show Selection and Preparation
You Be The Judge

Videos...

The Milky Way
Dairy Cow Management: An Introduction
Hoof Care in Dairy Cattle
The Dairy Industry in Nova Scotia
Body Condition Scoring
Causes of Milk Fat Variations & Depressions
The Management of Calving
Mastitis Prevention and Control Part 1 & 2
Producing Milk of Good Quality and Flavour
Wholly Cow
Showmanship... Leading to Win
Clipping Dairy Cattle
Showing Dairy Cattle
Showing Dairy Cattle, Part 1
Fitting Dairy Cattle, Part 2
Practice Dairy Judging (heifers)
You Be the Judge
Preparing to Lead
are available at the PEI 4-H Office which can be borrowed for a two week loan period. To book these, call 368-4833 or drop by the PEI 4-H Office at 40 Enman Crescent, Charlottetown.

SPECIAL PROJECT OPTIONS...

1. Make a detailed (and labeled) site drawing of your farm or a neighboring farm, showing all wells, water lines, valves in water lines, pumps, watering bowls, power lines, power poles, panel boxes and yard lights.
2. Plant a section of windbreak at your farmstead or a nearby farmstead. Draw a detailed site plan of the farmstead, showing the location of buildings, other trees, etc. Keep track of materials used, costs and time involved in the project. Give reasons for types of trees used and spacings from buildings.
3. Study the manure handling system in your own farm or a local farm. Take pictures of the manure storage system and equipment that is used. Show in report form how the system works, what changes you would make and why and what the cost would be for these changes.
4. Do a complete projected budget for the management of a herd of 80 lactating cows. (You already have the quota required for this number of cows.) Budget should include cost of veterinary and breeding services, machinery repairs, expansion of any type etc.
5. Develop and present a marketing strategy for breeding stock raised or bought/sold by your farm. Marketing strategy should be on display at your Achievement Day.
6. A special project of your own design which must first be approved by your project leader.

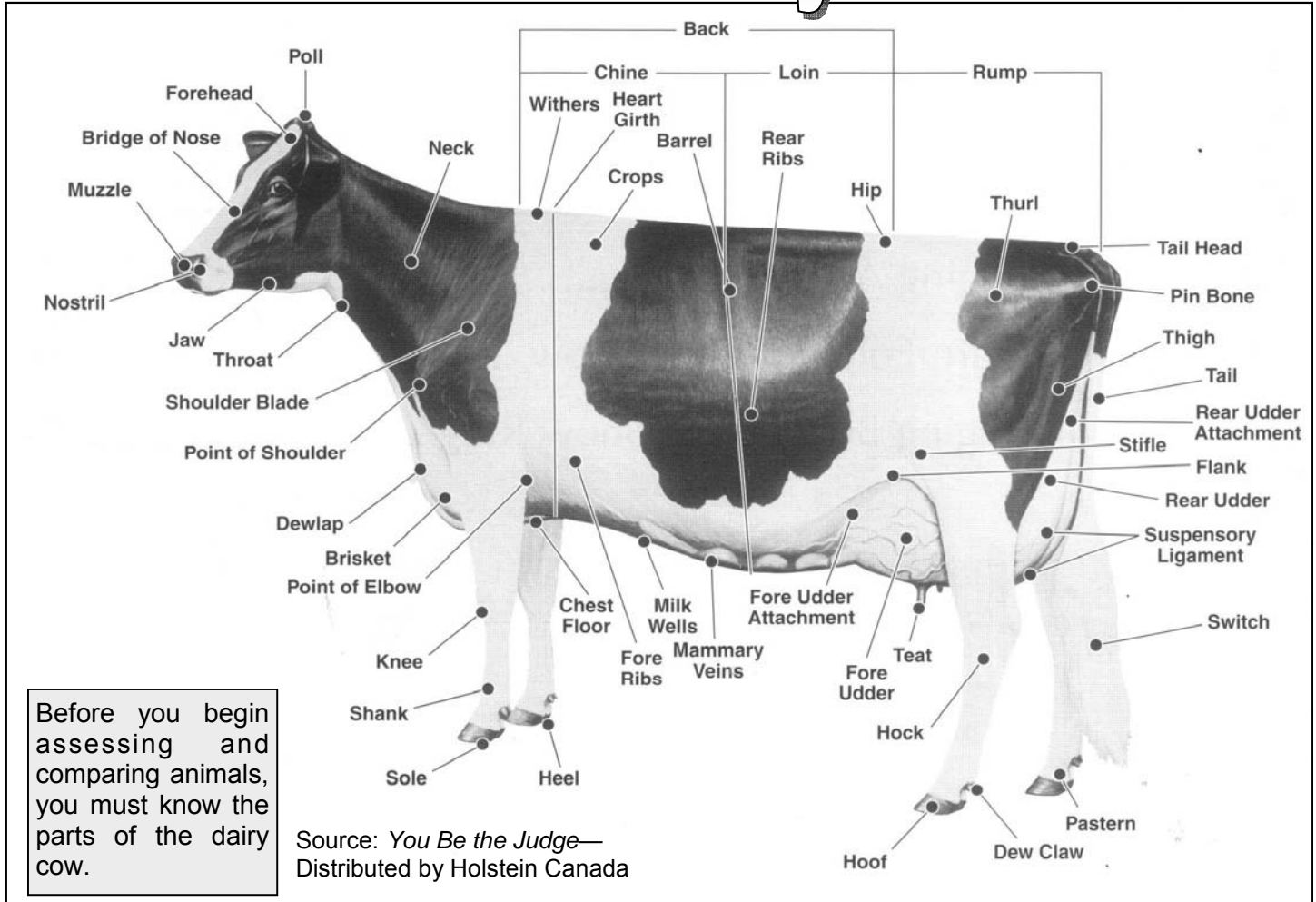
Selecting Your 4-H Dairy Calf

Choosing a calf for your 4-H Dairy Project is a big decision. Here is a list of things to consider...

- **Breed**
- **Size** - Pick a calf whose size and age you can handle. This will make showing the calf more fun!
- **Registered or grade** - a registered calf has registered parents, they have an 'official' family tree. Registered animals are purebred, meaning both parents are from the same breed.
- **Production** - how much milk a young calf should produce, look at the calf's parents and see what their production records are.
- **Conformation**—is a rating of the animal's body type. Find out from the breed association what the ideal animal should look like.



Parts of the Dairy Cow



DAIRY SHOWMANSHIP

Your personal poise, alertness and neatness are important in the show ring. Keep an eye on your animal and be aware of the position of the judge at all times. Don't be distracted in the ring. Respond quickly to requests from the judge. Be courteous and a good sport at all times. Show the animal, not yourself. Keep showing until the entire class is placed, reasons given and the class is out of the ring.



Showmanship Scorecard

1. Appearance of animal	40
• Condition	
• Grooming	
• Clipping	
• Cleanliness	
2. Appearance of exhibitor	10
• Clothes and person neat and clean	
• White outfit preferred	
3. Showing the animal in the ring	50
• Leading	
• Standing	
• Showing animal to best advantage	
• Poise, alertness, attitude	
Total	100

JUDGING

As part of your Dairy Project, you are required to judge a class of dairy animals. Your leader will make the arrangements to have the class. In most competitions, four animals are needed; however, between you and your leader, you can decide upon 3 or 4 animals for the class.

You will have between 10 and 15 minutes for placing the class, on a piece of paper you may want to put down some reasons for your placing. Once you have placed the class, give your oral reasons to the official judge (this may or may not be your leader). The judge will score you and give your score to your project leader. This will be worth 20 points towards your achievement day requirements.

Attention Senior Members...

In addition to judging a class of dairy animals, senior members are also required to judge a class of beef animals. All aspects of livestock judging should be important to 4-H members regardless of the livestock project in which they are enrolled. To assist in judging, talk to beef 4-H members and farmers. The 4-H Livestock Judging Guide is available from the Provincial 4-H Office.

Things to Remember...

DATE _____

LOCATION OF JUDGING _____

Summary of Giving Good Reasons Following a Class

- Start with a descriptive statement
- Emphasize only the main points of difference
- Use comparative terminology (not descriptive) to compare one animal to another
- Be accurate
- Be positive
- Grant an obvious advantage to a lower placing animal

Source:

You Be the Judge - Distributed by Holstein Canada

CALF INSPECTION

(Dairy Unit I Only)

As part of the Dairy Unit I Project, a calf inspection needs to be carried out. This will be done by your project leader. You will be asked about your calf and about information you have learned in the project. This will be worth 20 points towards your Achievement Day requirements. The inspection will be scored on the following items...

Inspection Quiz **50 points**

Evidence of Care & Interest **50 points**

- *Leading*
- *Grooming*
- *Lack of Health Problems*
- *Presence of Salt and Mineral*
- *Presence of Shelter and Shade*

INSPECTION QUIZ

To help you prepare for the quiz here are some questions that could be asked.

1. When was your calf born?
2. What breed is it?
3. What is its ear tag number or tattoo?
4. How many stomachs do cattle have?
5. What is the difference between a grade and a registered calf?
6. What nutrients are found in raw milk?
7. Does your calf receive any grain?
8. What is the name used to describe the father of a calf? The mother?
9. What is the Animal Identification Form and when is the deadline for having it into the Provincial 4-H Office?
10. Point out the following parts on your calf: barrel, flank, pastern, poll.

FITTING AND CLIPPING CLINIC

Also as part of your Dairy Project, you are required to participate in a fitting and clipping clinic. Your leader will make the arrangements for a session in which you and other project members will learn how to prepare your own animals for showing. This will be worth 20 points towards your achievement day requirements.

Things to Remember...

DATE _____

LOCATION OF CLINIC _____

Fitting and Showing your Dairy Calf

At the Show

When showing your calf, wear a white shirt and pants with a dark colored belt that are clean and neat. Clean, steel toed work boots or cowboy boots are the safest choice for your feet. Hard-soled shoes may look better, but they don't offer any protection. To prepare for the show, follow these guidelines.

- Arrive early
- Make sure your calf is securely tied using a quick release knot.
- Remain with your calf so that she stays calm and comfortable.
- Don't fuss with the calf. Let her rest after the ride to the show.
- Pick up your stall card and fill it out if not already.
- Register at the registration desk during the specified times (refer to the day's agenda) and pick up your show harness.
- Know the time schedule for the day.
- If possible, wash the calf early in the day.
- Bed the calf.
- Feed hay and water.
- Have someone with the calf at all times to remove manure.
- About 1 ½ hours before the show, feed your calf the beet pulp that you brought and add some grain if the calf refuses to eat the beet pulp.
- Ask for help and advice from leaders and older 4-H members.
- Be friendly and courteous to show visitors.
- Assist other 4-H members.
- Be a good sport at all times.

Final Preparation

There are a few last minute things you should think about before the show:

- Blow the hair up on the topline. Set and trim it to give it a straight stylish appearance.
- Brush the calf's head, neck and sides with a soft brush.
- Apply a shiny product to the dark areas of the heifer's coat with a sponge or rag, i.e. purple oil, final mist
- Apply fly spray
- Comb or brush the tail

On Show Day

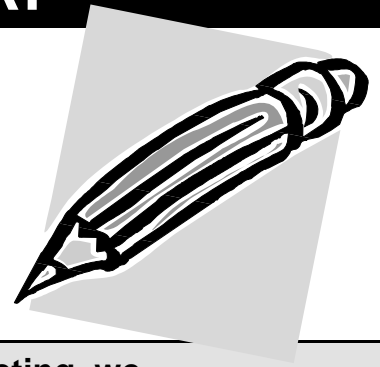
Make sure you have a wooden or plastic box that is large enough to hold your equipment, but not too heavy to carry. You should bring the following equipment:

- leather show halter
- good quality hay
- beet pulp
- small quantity of grain
- water pail
- fork for bedding and cleaning stall
- straw
- washing equipment - plastic or nylon halter, pail, animal shampoo, brushes, hose, nozzle, blanket, wash suit
- work clothes and a clean set of white show clothes and workboots



PROJECT MEETINGS DIARY

Most projects will require at least six to eight project meetings to complete the project.



Meeting Date	Location	Time	At this meeting, we...

Community and Agriculture Awareness Projects

COMMUNITY PROJECT

Each year you are encouraged to provide a service to your community as a 4-H member. This introduces you to the responsibilities of citizenship. You must participate in your club's plan for a community project and you should have a role to play. Describe your involvement with your club's community project this year.



Our Community Project was _____

I helped by _____

It was beneficial because _____

I learned _____

AGRICULTURE AWARENESS PROJECT

Agriculture is one of PEI's main industries. You are expected to participate with your club to complete a project (or provide a service) which helps your club or others become aware of the importance of agriculture in our lives. As in the community project, you should actively participate.



Our Agricultural Awareness Project was _____

I helped by _____

It was beneficial because _____

I learned _____