

# Agricultural News

P. E. I. Department of Agriculture

## FACTS ABOUT MASTITIS

Mastitis or Garget is a disease which causes great economic losses among dairy cattle. Approximately one third of all milking cows have infected quarters during some or all of their milking period. The nature of Mastitis is an inflammation of two or more quarters, almost always due to infection. It may be Chronic or Acute. The acute type accounts for about 2-5 percent of all Mastitis.

There are many predisposing causes. The most common is improper milking practices such as too much vacuum on milking machines, leaving machines on too long, and not preparing the udder for quick let-down, predisposing to Mastitis. Insanitary stables and milking practices are also important predisposing factors. Chilling or heavy protein feeding seems to lower resistance to udder infection.

In acute Mastitis the symptoms are generally a hot, swollen or caked udder which is very painful to the touch. There is usually a pink discoloration due to congestion at the base of the teat which may darken in very acute cases to a red or purple, followed by gangrene. Milk secretion is usually scant and often watery, stringy or bloody. One or more quarters may remain localized or invade the blood stream causing systemic infection.

In the symptoms of Chronic Mastitis the milk is usually abnormal, although there may be no noticeable inflammation of the quarter. There usually is thickening of the udder tissue but the quarter becomes reduced in size because of the drop in production. Sometimes chronic Mastitis is so mild that it is not detected until it flares up as acute Mastitis.

## Important Rules

- The following six rules should be strictly adhered to prevent losses by eradicating and controlling Mastitis:
  - Sanitation—Clean habits of milking and management.
  - The udder must be washed with an appropriate disinfectant before each milking. A separate cloth should be used for each cow and the disinfectant should be changed about every four cows.
  - Wet milking should not be practiced.
  - The person stripping should wash his hands after each cow is finished.
  - All milking equipment must be kept clean.
  - Teat cups should be disinfected after each cow is milked and between milkings.
  - The cows should be kept on clean, dry bedding.
  - Bacteriological examination of the milk from each quarter of each cow should be done regularly (once a month if necessary). Suspicious cows should always be tested. All new replacements should be tested.
  - Segregation—Infected cows should be placed at the end of the milking line and milked last. Incurable chronic cases should be slaughtered.
  - All cases of Mastitis must be treated early and until the infection clears up. Injuries to the teat or udder should be treated.
  - Milking practices and management.
    - Milk as soon as possible after the udder is washed.
    - The machine should never be left on too long.
    - Wet milking should not be practiced.
    - Good bedding should be provided to keep udders clean and protect them from injuries and cold.
    - Quarantine and Isolation.
    - Replacements must be isolated until the milk is certified free from infection. Cows showing abnormal discharge from the teats or udder should be isolated.
- Mastitis can be controlled. One of the most important parts of the Mastitis Control Program is the treatment of infected animals. In the majority of cases early diagnosis of infection, followed by prompt treatment results in a cure. The udder is exposed to many kinds of injuries and adverse conditions every day. The testing and treating must be done on a regular program rather than a "hit and miss" basis. Bacterio-

logical examination of the milk from each quarter should be done, where possible, about ten days after treatment to be certain that infection has cleared up.

Consult your district veterinarian for a satisfactory control program. It is also advisable to contact him as soon as any abnormal condition is noticed. By controlling Mastitis many thousands of dollars can be saved by dairymen annually, and the danger of spreading disease to humans will be greatly reduced.

## Loose Housing Superior

Many beef barns are expensively built, unnecessarily warm, and are not planned to use labour efficiently. Therefore it was thought advisable to determine if a simple barn of the loose housing type would be satisfactory for wintering a beef herd.

Since 1930, the beef herd at the Central Experimental Farm, Ottawa, has been kept over winter in a shed with openings on the south side. The shed is divided into pens which accommodate 20 to 30 head. Each pen has a yard. The hay racks and the silage troughs are located outside. Water is provided in troughs equipped with electric immersion heaters. Storage barns are located at each end of the cattle shed. Animals of all ages are kept under similar conditions.

Observations over a period of 20 years reveal that beef cattle can be wintered very satisfactorily under these conditions without any detrimental effect on their health. Calves have been dropped in February and March in below-zero weather and no calf has been lost because of cold. As long as bedding is abundant, cleaning need be done only twice during the season.

From the above it may be concluded that beef cattle can be wintered in a cheaply constructed shelter provided that the following requirements are met: (1) a southern exposure to catch the winter sun, (2) freedom from draughts, (3) facilities for outside exercise, (4) ample food rack space, and (5) a good supply of water. In addition to these essential requirements the construction must be economical and planned so as to facilitate hand feeding and caring for the stock.

## Egg Quality

During the summer months our island eggs are of a poor quality and much can be done to improve this situation. The basic reasons for eggs of poor quality are improper feeding and unsatisfactory care of and management of our eggs. When feed prices are high and egg prices are relatively low it is essential that we get as many eggs in the top grade as possible in order to make a profit.

The following facts are presented with the hope of improving our egg quality: The litter in our hen houses and nests should be clean and dry. The ventilation should be satisfactory so as to remove all foul odors and carbon dioxide from the building. Eggs should be gathered three times each day and held in a room 50 to 65° F. Eggs which may become soiled should be cleaned before sending them to the egg grading station, as dirty or soiled eggs will lower the grade of your eggs. Eggs should be handled with care and should be brought to the egg grading station twice a week. Laying Mash and scratch grain in a one to one ratio should be fed to laying birds, as an unbalanced and deficient diet will produce fewer eggs and eggs of a poorer quality. Hens can be allowed outdoors at 3:30 p.m. providing they are fed before leaving the building.

## Poultry Club News

The Kingsboro Poultry Club held their regular meeting in Kingsboro School on Tuesday evening at 8 p.m. The seventeen members present studied a lesson on the care and management of eggs. Miss Arline Robertson gave an interesting talk on the care of baby chicks.

On Thursday evening the Baldwin's Road Poultry Club held their regular meeting. The ten members present were given a talk on poultry nutrition by Harry E. Robbins.

# THE CENTRAL GUARDIAN

This column is reserved for news of local interest, but advertising of a new nature may be inserted at five cents a word, strictly payable in advance.

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**ANNUAL PICNIC**—The faculty and students of the University of New Brunswick and Teacher College, Fredericton, held their annual picnic at Robinson's Point, Grand Lake, on July 16th. Boating, swimming, and games, in the order of the day for the six hundred and fifty summer school students till refreshments were served later in the afternoon. Miss Joan Crossman of Saint John and Mr. Derrill McGuigan, Charlottetown, who made up the social committee of the summer school executive, were complimented on the success of the undertaking.

## Personals

Mr. William D. L. Sherren, M.Sc. of Drummondville, Quebec, is on vacation at his parents' home at Brighton Shore.

Mr. and Mrs. Louis A. Hynes have returned home after an enjoyable motor trip, visiting with their daughters in Bathurst, N.B.

Mrs. Anthony Clarkin and daughter Geraldine, of New Wiltshire, arrived home Friday evening after spending a week in St. Anne De Beaupre and Quebec City.

Mr. and Mrs. Ronald D. MacGillivray of Jamaica Plain, Mass., and Mr. and Mrs. Harold Smith and daughter Emily of Belfast, Maine, are the guests of their sister, Mrs. Angus MacGillivray of Cardigan, P.E.I.

Rev. and Mrs. Douglas Sherren and little son Michael, of Blandford, N.S., have arrived to spend a vacation at the summer home of Mr. and Mrs. G. E. Sherren, after visiting Mr. Sherren's sisters in Belleville, Toronto, and Guelph, Ont.

Mr. and Mrs. Harold C. Leard, Chehalis, Washington, U. S. A., and Mr. Leard's sister, Mrs. William Leard Melfort, Sask. arrived Sunday afternoon after nearly a 4000 mile trip to visit relatives on the island and are the guests of Mr. and Mrs. J. R. Leard, 21 Lapthorne Ave., Charlottetown.

Miss Dorothy Bentley, M. D., C. M., accompanied by her friend, Miss Charlotte Hollet, M. Sc., arrived last Friday, having travelled from Montreal by automobile. They are visiting Dr. Bentley's parents, Mr. and Mrs. W. E. Bentley, at 17 Water Street, and will spend part of their holidays at Mr. Bentley's cottage, Point Pleasant, Murray River.

Mr. George E. Jones, M.Sc. A., and young daughter Deborah of Guelph, Ont., have been vacationing on P. E. I. guests of Mr. and Mrs. Geo. Sherren at their summer home on Brighton Shore. Mr. Jones left on Monday for Fredericton, N. B., where he will attend the convention of the Eastern Canadian Society of Agronomy before returning to his home in Guelph.

Mr. and Mrs. W. W. Allen of West Roxbury, Mass., are visiting relatives on the island this week. Mrs. Allen is the eldest daughter of the late Colin F. MacPherson, formerly of Uigg, P. E. I. who was a brother of Rev. K. C. MacPherson, of Tracadie and the late Mrs. Thomas MacMillan and Mrs. Peter Power, both of Charlottetown.

## EBENEZER W. I.

On July 2nd Mrs. Leonard Roberts entertained the Ebenezer W. I. at her home. The meeting was opened by the president by reading the "Credo" in union and roll call was answered by eleven members, and four visitors were present. Collection was 65 cents.

The minutes were read and approved and the sick committee reported fruit given to Mrs. Curtis Ford and a baby blanket to Mrs. E. MacLeod. A new sick committee of Mrs. Peter Matheson and Mrs. Norman MacRae was appointed.

Bills for ice-cream for school closing, \$4.25, and fruit and blanket, \$3.18, were paid, and plans were made for a dance in the school with Mrs. Lincoln MacRae to arrange a date with the musicians and to advertise same. Proceeds from this dance were \$19.90 and advertising was 60 cents. Lunches and drinks were sold.

The next meeting is to be at the home of Mrs. Norman MacRae with Mrs. Dan MacLeod and Mrs. Leonard Roberts to assist with the lunch. The meeting closed with "The Queen" and a nice lunch was enjoyed.

The family of the late Ernest Kennedy wish to thank their many friends for cards, messages of sympathy and floral tributes. Also neighbours and friends for their many acts of kindness.

The Canadian Girls in Training of the York Group honoured their

**Card Of Thanks**

The family of the late Ernest Kennedy wish to thank their many friends for cards, messages of sympathy and floral tributes. Also neighbours and friends for their many acts of kindness.

From Mother, Brothers and Sisters.

# WOMEN'S INSTITUTE HANDICRAFT EXHIBITION

Entry forms and prize lists may be obtained by writing to Box 123, Charlottetown. Entries must be registered before July 28. There is no entry fee and entries from all parts of the Province will be welcomed.

**NEW GENERAL ELECTRIC Portable Radios.** Toombs Music Store.

**JOHNSON & JOHNSON** will be the only Drugstore open this afternoon and evening.

**NEW GENERAL ELECTRIC REFRIGERATOR.** Small size. Price right. Toombs Music Store.

**SPRAY TIME IS HERE**—We carry full line of potato sprays and dusts, including Dithane. E. D. Reid Produce Ltd., 1 Prince Street, Charlottetown. Phone 3087.

**ENGAGEMENT**—Mr. and Mrs. Chester E. Whitlock of Hunter River, announce the engagement of their only daughter, Ruth Roberts, to Raymond Sentner, son of Mr. and Mrs. George Sentner of the same place. Marriage to take place early in August.

## York Highlights

Mr. Reginald Taylor of Charlottetown was a guest recently at the home of Mr. and Mrs. Edmund MacMillan of York.

Mr. Clive MacMillan of Charlottetown was a business visitor to York recently.

A fair crowd attended the races on the parlor track in Covehead on Wednesday, July 9th.

Mrs. James MacLauchlan of Stanhope was in York recently, the guest of Mr. and Mrs. Walter Mallett.

Mr. and Mrs. Rubie Bond of Mount Stewart motored to York recently.

Miss Caroline and Master Lowell Ling were guests of their cousins, the Misses Earla and Joyce Ling, of York, recently.

Mr. and Mrs. Leslie Mann, accompanied by Mrs. D. M. Wylie of Kensington, motored to York on Sunday, July 6th, and were the welcome guests of Mr. Mann's sister and brother-in-law, Mr. and Mrs. Roscoe MacDonald.

Miss Christine and Taudace Hucz, formerly of York, have returned to York with their parents Mr. and Mrs. Hucz.

Mr. and Mrs. Ben MacMillan, accompanied by Mr. and Mrs. William Rhyes and two children, of Marshfield, motored to the home of Mr. and Mrs. Edmund MacMillan of York.

The many friends of Mr. Fred Mobbs of Covehead Road are pleased to see him at his home after being a patient at the Prince Edward Island Hospital.

Among those attending York United Church Sunday School picnic at Stanhope were Mr. and Mrs. Arthur Wyatt and the Misses Corrigan of Pleasant Grove.

Mr. and Mrs. Tom Knox and three children of Parkdale were guests of Mr. and Mrs. George Watts of York, on July 10th.

Mr. and Mrs. Jack Hardy of Pleasant Grove motored to the Islands' capital July 4th.

The large anticipated strawberry crops grown in York were seriously affected by the long continuance of dry weather and they will not continue as long as hoped for.

Mr. and Mrs. Doug Moore and infant daughter Norma, of Charlottetown, were guests of Mrs. Moore's parents, Mr. and Mrs. Harry Lewis at Stanhope for the York Sunday School picnic.

Miss Carol Hardy has returned to her home in York after a happy vacation spent in Charlottetown, the guest of her grandparents, Mr. and Mrs. Harry Slackford, Upper Hillsboro.

Miss Catherine Wood of Rollo Bay, assistant teacher in York, who has been re-engaged as primary teacher, is guest in York of Miss Marjorie Lewis.

Mr. and Mrs. Alton Newman and family, accompanied by Mrs. Pope Newman of New Haven, motored to York on Sunday, July 9, the guests of Mrs. Pope Newman's daughter, Mr. and Mrs. Leonard Newson.

The island, now at its best, has its annual flock of summer tourists from far and near. Among these tourists is Mrs. Florrie Whitehead of Mansfield, Massachusetts, who has been the guest of Mrs. Herb Vessey of York and a host of relatives on P. E. I.

The regular June meeting of the Women's Missionary Society of York met at the Manse and during the progress of the meeting the women made the presentation of a beautiful electric lamp as a token of happy occasions spent with Mrs. John Douglass during her stay in York while her husband Rev. John Douglass was minister of the York pastoral charge.

Mrs. Bert Rhude and sons George, Billie and Charles, formerly of Sackville, now of Charlottetown, were guests of Rev. and Mrs. John Douglas while in York recently. Mr. Rhude was connected with the Maritime Central Airways Maintenance of Charlottetown and only recently was transferred to Moncton, N. B.

The Canadian Girls in Training of the York Group honoured their



"Good Luck" is extended to company commander Maj. D. E. "Don" Holmes, London, by Capt. R. H. "Bob" Mahar, Charlottetown, right, as the Major prepares to take a night patrol into enemy territory in Korea. Both are members of the Royal Canadian Regiment. Capt. Mahar's wife, Sally, lives at 103 Ortona Ave., Camp Petawawa, Ont.

## Enjoying First Visit To Island

A widely travelled visitor who is exploring Prince Edward Island for the first time is Miss G. Elizabeth Reynolds, of Nashua, New Hampshire, who speaks in glowing terms of this Province's beauty and charm.

Miss Reynolds was formerly Field Director and Supervisor of Nursing of the American National Red Cross, a position she occupied during the war years and at the time of many disasters within the United States when the Red Cross has given assistance. Although obliged by ill health to retire recently, in the course of 15 years in this post she visited every one of the United States, and has found time to visit Mexico, Alaska, and all the Canadian provinces except Newfoundland.

Accompanying Miss Reynolds is her sister, Mrs. Thomas George Owen of Bittern Lake, Alta., who flew from her home province to Halifax, where the two sisters met before coming to the island. Mrs. Owen's husband, the late Thomas George Owen, was born in Cardigan, a son of George Owen of Ottawa and grandson of the Hon. Thomas Owen.

Miss Reynolds and Mrs. Owen, who arrived by car on Saturday, crossing the Northumberland Strait on the Charles A. Dunning, have spent the first part of their holiday motoring about the eastern part of the island, visiting among other places, Brudenell, Souris, East Point and Cardigan. They plan, after motoring to other parts of the island, to leave on Saturday, travelling through New Brunswick to Boston, from where Mrs. Owen will fly back to her home in Alberta.

Miss Reynolds, who is very familiar with the Canadian Rockies, expressed regret at the loss by fire of Jasper Park Lodge recently, and said further that of the many parks throughout the Rocky Mountains, both in the organizer and leader, Mrs. John Douglass, on Sunday, June 29th, after the close of the evening church service. The members gathered at the Manse to present a gift. Miss Carol Hardy read an address and presented a beautiful rhinestone set of necklace and earrings. Miss Gladys MacDonald made the presentation on behalf of the C.G.I.T. group.

## Publishing Of Soviet Pamphlets In U. S. Banned

By Edward E. Bomer  
WASHINGTON, July 21—(AP) The United States has ordered Russia to cease publishing its magazine "U.S.S.R. Information Bulletin" and the lesser pamphlets put out by the Soviet Embassy for American readers.

The State Department at the same time suspended its Russian language, illustrated magazine, "Amerika."

Pointing up the retaliatory aim of the stop order on Russian publishing here, a crisp note told Moscow that Russia was to blame for the closing of a last remaining chink in the Iron Curtain.

For more than three years, regarding agreements dating back to 1944, and a dozen official U. S. protests, the State Department said that the Kremlin had placed so much "obstruction" in the circulation of "Amerika" that its sales dropped from 50,000 to 13,000 a month.

The principal one of the suspended Soviet publications has been put out monthly by the Embassy for the last six years with the aim of telling the U. S. about life in Communist Russia. It was

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credited by officials with a circulation of some 15,000.

Unlike "Amerika," the bulletin was uncensored and published laudatory articles on Soviet policies, whereas the U. S. magazine had to stick to non-political discussions of life in the U. S.

The pamphlets whose distribution was ordered suspended were largely reprints of speeches by Kremlin spokesmen such as Foreign Minister Andrei Vishinsky.

The suspension of "Amerika" left the "Voice of America" radio as the sole remaining U. S. official link with the Soviet man in the street. Russia for years has been trying to silence the Voice by jamming.

LIVERPOOL, England, July 22—(Reuters)—The Canadian Pacific liner Empress of Canada was grazed in a collision in the Mersey River here today with the 403-ton Spanish steamer Timit. The 20,325-ton Empress continued to her berth at Liverpool landing stage to embark passengers for Canada. The Timit, which has heeled over acutely on impact, was also able to continue her outward journey after examination.

## IN MEMORIAM

In loving memory of my brother Charles Huestis who passed away July 23rd, 1951, aged 22 years.

Dear Brother you are not forgotten. Though on earth you are no more. Still in memory you are with me. As you always were before.

Lovingly Remembered by His Brother George.

LA PAZ, July 22—(AP)—Bolivia's leftist national revolutionary government yesterday issued a decree establishing universal suffrage regardless of the high rate of illiteracy. All men and women 20 years of age will be entitled to vote in future elections. Previously only those able to read and write could vote.

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**ANNUAL PICNIC**

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