

# Agricultural News

P. E. I. Department of Agriculture

**Veterinarians**  
At the present time five practice areas throughout the province are being serviced by graduate veterinarians. Starting in the east they are: Dr. A. E. Ings, of Souris, Dr. J. R. McCreary, Montague, Dr. H. H. Kelly, Charlottetown, Dr. James Higgins, Kensington, and Dr. John Mustard, O'Leary. From these centers the practitioners are able to extend veterinary service to all livestock men throughout the province.

Dr. John Mustard was born and brought up on the West Coast where he lived until 1938 prior to commencing his veterinary education in the Ontario Veterinary College at Guelph, Ontario. At the onset of world war two he joined the Canadian Army and served for over a period of five years. Upon return to civilian life he resumed his education at Guelph, and graduated in 1949. He commenced practice at Elgin, in Eastern Ontario, where he remained for a period of three and a half years. It is from Elgin that Dr. Mustard has come to O'Leary. He is married and has three daughters. At the present time Dr. Mustard is living two miles East of O'Leary across the road from the Unionville school. It is from here that he will be rendering a veterinary service to the Western end of Prince County.

**Cooking With Air**  
Air is a poor conductor of heat. Air cooling is therefore an inefficient method. Bacteria grow rapidly in warm milk. If a 10 gallon can full of milk at 95 degrees F. is placed in a refrigerator, in which the air is maintained at 40 degrees F., several hours are required to reduce the temperature of milk to 20 degrees. About 10 hours are required to cool it to 60 degrees F. Do not use this method of cooling.

Absorption of Odors. Milk absorbs odors readily. Keep the milk away from the odors of gasoline, unclean barns, used cellars, and strong-flavored fruits and vegetables. Strong-flavored feed should be fed after milking.

Cover Cans. Cover cooled cans of milk with clean lids in order to keep out dust and insects and to avoid absorption of odors. The lids should be left on the cans when milk is being cooled in cold water tanks.

**Poultry Hints**  
The poultryman who sells the extra pullets rather than overcrowds the laying house will be money ahead.

There is a definite relationship between the floor space provided and the potential egg production of hens. From 3 to 4 sq. ft. of floor space should be allowed for each bird in the well equipped poultry house.

At least 6 in. of feeding space per hen is necessary if they are to get all the feed they need.

The well equipped poultry house should contain at least one nest for each five hens.

About 5 to 8 gal. of water are needed each day for 100 hens, and it will pay to put out fresh water at least twice per day.

It's the taking care of little items in poultry management that helps keep egg production up during the season when egg prices are highest—this extra production may be the difference between financial success or failure for the poultryman.

**Prevent Poisoning**  
It always pays to read the label on any preparation which is being used. Numerous losses are recorded each year among various classes of livestock, chiefly due to carelessness on the part of the owners. Poisonings observed are the ones of the arsenical type. These poisonings are generally brought about by allowing livestock access to killed potato tops, and in few instances earlier in the season, when arsenical dusts or sprays such as Paris Green, etc., have been used to kill insects.

These losses can be prevented by adhering to commonsense rules such as reading the labels and following the manufacturer's instructions.

**Injuries in Winter Quarters**  
The coming of cold weather brings more chance for injury to livestock as they are brought into the confines of winter quarters. Horn wounds, bruises, cuts and scratches from nails, barb wire, and other sharp objects are a few of the common injuries.

Also, there's danger of stumbling over objects and slipping on icy spots, which can cause injury.

The following precautions are recommended for injured animals:

- (1) If the wound is bleeding excessively, pressure should be applied to the affected area with sterile gauze.
- (2) A tourniquet may be needed in severe cases.
- (3) Before examining a wound, the hands should be washed to reduce chance of infection.
- (4) Strong antiseptics which may aggravate the injury should be avoided.
- (5) Animals with serious wounds may require special treatment to prevent tetanus and complicating infections.

**Raise Dog With Sheep**  
In sheep-raising sections of the country, dog-owners and sheep-herders can mutually benefit from co-operation on problems growing out of keeping these two types of domestic animals.

One of the best ways of preventing trouble and consequent ill-feeling, is for those who have dogs, also to keep a few sheep and for sheep-owners themselves to keep a dog or two.

Dogs brought up with sheep are not likely to molest them. A good plan, therefore, is to have a puppy live and grow up with some young lambs. As the pup and sheep get older together, they will become more friendly, and the dog can eventually become an excellent guardian for the herd against strange, molesting dogs.

**Acetonemia**  
Acetonemia is well known in all cattle raising areas. It has been estimated to involve 15 to 40 per cent of the cows in a given area. It is no respecter of breed, but is more prevalent in producing cows, because of the demands made by the developing fetus and by milk production. A recently freshened cow, suffering from the condition, will shrink in production by fifty per cent or more and lose flesh down to the point of marked emaciation.

Many of the factors which lead to the onset of this condition are often overlooked, such as proper handling and fertilization of the soil, feeding a balance ration and careful observation of each individual cow. The trace elements are required in very small amounts in the animals body but a decrease or lack of one or more in the cows ration will produce drastic and far-reaching effects.

Numerous preventative measures and various treatments have been used by as many different individuals with varying degrees of success and failure. The standard form of treatment has been the administration of a sugar preparation in a suitable form for intravenous administration. The addition to the ration of blackstrap molasses is of little value in treatment. This is chiefly due to the fact that absorption is not rapid enough to overcome the condition. However, it may be of some value as a preventative fed over long periods of time.

Early attention should be given to cows showing signs of acetonemia. One must remember that there are several forms of this

**Cooling And Storing of Milk**  
Milk can be cooled satisfactorily in ten-gallon cans, set in a tank of 50 degrees F. water, when the water is circulated around the cans. The milk temperature will be reduced from 95 degrees F. to 40 degrees F. or slightly below in one hour, and to 42 degrees F. in two hours. Stirring the milk does not materially speed the cooling by this method.

By means of a surface cooler, using tap or well water in the upper half of the cooler and either refrigerated brine or water in the lower portion, milk can be cooled to a temperature of 40 degrees F. or below. A "direct expansion" cooler, using water in the upper half and gas refrigerant in the lower half may also be used with similar results.

**Cooling With Water**  
With a surface cooler, using water at 50 degrees F. as the cooling medium entering the bottom of the cooler and leaving the top, the cooled milk in the can will be only a few degrees above the temperature of the cooling water.

With a normal flow of milk over the cooler about 4 or 5 gallons of water for each gallon of milk must pass through the cooler. Experiments with cooling a can of milk submerged to the neck in a tub of water, with water at 54 degrees F. flowing into the bottom of the tub and leaving at the top at the rate of 4 gallons per minute, showed that 80 pounds of milk could be cooled from 90 degrees

## CENTRAL GUARDIAN

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

**JIMMY'S TAXI**—Phone 525.  
**COOK'S** for Perfect Pictures.  
**"YOUR DOLLAR BUYS MORE"** at the **HUGHES DRUG STORE**.

**HOWARD MacINNIS FOOTWEAR** at 175 Queen Street.  
**RUMMAGE SALE TODAY**, St. James Church Hall, 6 P. M.

**CRASWELL** for Better Photographs.  
**A. R. MacINNIS**, Fire, Life, Auto and other lines of insurance.

**MILK**—the perfect food, order another quart.  
**PROPANE** Kerosene Refrigerators. Firestone Bryenton and MacKay.

**CO-OP** Insurance, Life, Fire, Auto. Above Co-op Super Market.  
**ICE CREAM**—the perfect dessert—no preparation—economical.

**NORTHERN ELECTRIC** five tube Radio, only \$27.95. Toombs Music Store.  
**PEN AND PENCIL SETS** make an appropriate gift. The Island Book Room, Great George Street.

**BATTERY AND ELECTRIC RADIOS**, Batteries. Bryenton and MacKay.  
**JUST ARRIVED**—Shipment of Kerosene Refrigerator, priced from \$111.50. Electrolux (Canada) Ltd., 158 Great George Street, Phone 1787.

**THREE FLIGHTS WEEKLY** to Magdalen Islands, P. Q. Tuesday thru Sunday. Airways Express Ltd. time Central Airways 2061 or 540.

**ST. THOMAS AQUINAS SALE** hand made articles, at Miller Bros. Saturday, November 29th, beginning at 10 A. M. Also Christmas fruit cake on lottery.

**AT HOLMAN'S**, the world's finest sewing machine. Necchi, now on display. Come in for a free demonstration. Factory demonstration on hand Tuesday and Wednesday at the Charlottetown Store. That's Holman's.

**HEAR** Evangelist E. P. Benoit speaking on "Roman Catholicism, Protestantism, Christianity." Mrs. Arthur Roper will sing "The Ninety and Nine" by Campion. Mr. Weale will play instrumental selections.

**WIN BOWLING MATCH**—Against the girls' all-star team from the City won over Hillsboro Choral Group at the Rollaway Alleys on Friday night. On the winning team were Marie McGuigan, Eleanor Lannan, Patricia MacNeil, Mary Gallant and Mary Trainor, while the losers were Harold Ings, Leonard Wood, Bob Driscoll, Ged MacDonald and John Brazel. High single of 216 was rolled by Eleanor Lannan, while Mary Gallant won high three of 526, thus winning four points to the losers' one.

**4-H Clubs**  
The 4-H Club Program of the Prince Edward Island Department of Agriculture has been very successful this year. The number of clubs has been increased over last year, and in the various competitions the club members have done very well.

**Personals**  
Miss Ida E. MacDougall, 323 Fitzroy Street, left yesterday morning for Rock, Kansas, to spend the winter.

The many friends of Mrs. Teresa Revell, School St., are glad to know she is steadily improving in health after being ill for several weeks.

Mrs. Stephen MacDougall and daughter Teresa of Blooming Point, were over-night visitors to the City last week.

Miss Florence Corrigan, Ten Mile House, was a recent visitor to the City.

Mr. James Revell, retired engineer of the C. N. R., is a patient in the Charlottetown Hospital. All are wishing him a speedy recovery.

**LONDON**—(CP)—Police officials asked East End youth club to withdraw courses in jiu-jitsu wrestling from their activities. The lessons have proved so effective that in some cases the police have come off second-best in side-street encounters.

**SHINE THEIR OWN**  
According to the 1951 census Prince Edward Island is the only Province that had no professional bootblacks.

**KEEP THESE IN MIND!**  
Some of the early signs of cancer are:  
A lump in the breast.  
Unnatural bleeding from a body opening.  
A sore that does not heal, particularly of the skin, face, mouth or lips.  
Any persistent change in bowel habits—such as diarrhoea or constipation.  
Many Canadians are enjoying life today because they found that early cancer can be cured.  
Keep these danger signals in mind and see your doctor if one appears.

**Barbour's** STABILIZED PEANUT BUTTER  
A smoother, richer spread!

## Strange But True

By F. H. MacArthur

Human skin odours have a definite effect on migrating fish. Last September a man waded barefooted into a Pacific coast river twenty feet above the fish ladder to retrieve a tagged salmon. Immediately there was a sharp drop in the number of salmon passing up stream through the ladder.

Further proof of this curious fact is borne out by the following test. "An observer placed his hand in the flow of water passing over the sill immediately above that in which counts were being made. After one minute of immersion the hand was removed. Result: a sudden reduction in the rate of upstream migration occurred. From a rate of 34 cahoos each ten minutes the number dropped to four. One hour later a repetition of the above mentioned test resulted in a similar decrease in the migratory rate."

Did you know that the waters around Canada's East Coast provinces yields 675 million pounds of fish annually? The yearly catch of cod alone from Atlantic waters is somewhere between \$36 and \$40 million.

Scientists forecast that all valuable data will be written into glass paper in the near future. Experiments show that it is waterproof and won't burn. Sounds like the real McCoy.

About twenty years is the life of a modern furnace, but I'm going to tell you about a central heating system that has been in continuous use for 1,700 years. It was built by the Romans at the Saalburg, a fortress in the mountains of West Germany. Engineers say it works as well today as a modern plant. Hot air is channelled under the tiled floor from an outside furnace.

Cracked hen's eggs, patched with scotch tape, were hatched on Boyce Brown's farm in Newfoundland.

An anchor in Baltimore Church symbol of vow. The anchor now in St. Ann's church once belonged to Capt. Bill Kennedy.

When a storm at sea threatened his ship and crew, Kennedy made a vow that if they were spared he'd render some worthwhile service to his maker. St. Ann's church in Baltimore is a result of that vow.

When the skipper passed away the anchor was taken from his home and placed in the church grounds. For half a century it lay half buried in the ground. In 1923 the anchor was lifted, given a coat of paint, and set upon a stone cradle in its present location.

If you want to keep egg yolks centered when placed in storage be sure you have 'em standing with "large end up."

A good way to dry a sweater is to place it between a couple of towels and press hard with a rolling pin. This will reduce shrinkage.

Mrs. John Brannan hit upon a novel idea when she wove the history of her family into a twenty-foot hooked rug which she designed herself.

The best of friends will wear out if we use them too much.

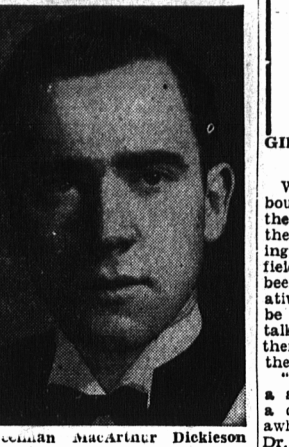
Believe it or not, but a new type of sausage skin is now being made from Norwegian seaweed. The skin is edible, and is 20 times lighter in weight than the cellophane paper generally used today.

What the general public would like to see or rather eat, is a new type of meat under the new shell.

Trawlers nets have yielded up the oddest "randaras" off Halifax. The match was a plank on the end of which was an anchor plate believed to be anywhere between 100 and 150 years old.

Woman is that highly intelligent creature who wore corsets and street length skirts for centuries before Dame Fashion gave her a more comfortable harness.

## Dalhousie Graduate



Included in the list of Dalhousie University's recent fall graduates is Mr. Creelman Dickieson, New Glasgow, P. E. I., who graduated with the degree of Bachelor of Science. Mr. Dickieson, who also attended Prince of Wales College, and Dalhousie Medical School, is at present with the research laboratory of a packing company in Toronto, Ontario.

## Ten Mile House W. I. Annual Meeting

The annual meeting of Ten Mile House Women's Institute was held at the home of Mrs. Walter Mullen on Wednesday evening, November 12, with seven members and one visitor present. The president opened the meeting by first singing the Ode followed by the "Creed".

The minutes of previous annual and monthly meetings were read, approved and signed. The roll call was answered by members paying their annual membership fees. It was moved and seconded that the articles needed be purchased for the school. A guessing contest which realized the sum of \$2.40 was held.

The president then gave a report of the year's activities and thanked the members for their co-operation during the year. The secretary then gave the financial report for the year.

The election of officers resulted as follows: president, Mrs. Helen Smith; vice-president, Mrs. John Fitz-Patrick; secretary, Josephine Fitz-Patrick; auditors, Mrs. Leo Mullen and Mrs. James McInnis; directors, Mrs. Bernard McQuaid and Mrs. Charles Corrigan.

Committees for next month are to remain the same. The program for the next meeting is to be a "Grab Bag" and roll call is to be answered by paying a dime and asking a riddle. Mrs. Charles Corrigan invited the members for the next meeting.

The hostess then served a delicious lunch, assisted by Mrs. Leo Mullen. The meeting closed with "God Save The King".

## NORTHERN LAKE

Clearwater Lake in the Ungava district of northern Quebec has an area of 478 square miles.

## IN MEMORIAM

In loving memory of Cameron Robertson who passed away November 26th, 1941.

So many things have happened Since you were called away. Things that you would have enjoyed Had you been left to stay.

So many things to share with you. In just the usual way. Things that could be much nicer If you were here today.

Sadly Missed by Wife and Family.

## IN MEMORIAM

In loving memory of a dear wife and Mother, Mrs. Homer Bentley, who passed away November 26th, 1951.

I look back with tender memories. On the path which once we trod. And bless the years I called her mine. And leave the rest to God.

Lovingly Remembered by Husband and Son.

## IN MEMORIAM

In loving memory of our dear daughter and sister, Mrs. Homer Bentley, who passed away November 26th, 1951.

Yes she sleeps, but not forever. In the cold and silent grave. Blessed promise, we shall waken Jesus died the lost to save.

In the dawning of the morning. When the troubled night is o'er. The flowers in beauty blooming. Will rejoice to see her more.

Lovingly Remembered by Mother, Dad, Sisters and Brothers.

## We And Our Neighbours

by Ruhamah Scheinfeld Frank

GIFTED CHILDREN—HOW THEY TURN OUT

We were discussing with a neighbour, the achievements of some of the many outstanding persons in the Church, Political life, Teaching, Nursing, Medicine and other fields of human endeavor, who had been born and spent their formative years in P. E. I. "Wouldn't it be interesting," we remarked, "to talk with people who had known them as children and who knew their homes and parents?"

"Well," our neighbour said with a smile, "as it happens, I taught a one-room rural school here for while before my marriage and Dr. B. now a distinguished physician in England, was one of my pupils. I came to his home quite often and still visit there from time to time."

"He was an exceptionally bright boy," she said in answer to our questions, "and a healthy, well-grown and good-looking one. He was always happy, but pretty mischievous off and on. I realize now the work was too easy for him and he had a lot of spare time on his hands. I understand the idea in the best progressive schools, is to keep such children with their own age group as much as possible, for the sake of their emotional development, but to give them a chance to work out projects of their own instead of more examples in arithmetic, more pages of geography."

"His home," she continued, "was warm and loving—the kind, as you say, that brings out the best in all children, even the dull and handicapped ones. The parents too were exceptionally intelligent people and seemed to understand as well as love their children. But it was a modest home, as far as improvements go. The father's farm was only small and with six children, the mother could hardly go back to teaching."

"Six children?" we exclaimed. "What happened to the others?"

"One of Dr. B's brothers, is also a physician and is connected with the Mayo Clinic," she answered. "Another brother is a college teacher and two sisters are teachers, and one is a nurse. You'd expect that, if you knew them. The ideal of service seemed to be in the air they breathed."

"What a family! Yet there are many others on the Island, with as proud a record. "But how did they all manage," we asked in awe, "to get the education needed for such professions?"

"I suppose it was a case of one helping the other," said our neighbour, "and of working after school and during vacations. They probably got scholarships too. I know that Dr. B. was at the head of his class at Prince of Wales College."

No conclusions can be drawn of course, from informal reports of one family or even a dozen. But as we consider the following study of gifted children by Dr. Lewis Terman, (the best known of such studies) we can note certain similarities.

This study was begun by Dr. Terman and his associates in 1921. More than 1000 California boys and girls who had an I. Q. above 140 (average I. Q. is 100) were selected and followed up for twenty-five years.

It is interesting to note that these children, like Dr. B. as a child, and the other members of his family (and his parents) were above average in height and weight and healthy and good-looking. It is an altogether false impression that exceptionally bright children are sickly and under-sized and not too handsome. Many psychologists say that wrong ideas springs from the old Sour Grapes device—we all know the fable of the Fox and the Grapes!

As might be expected, a high percentage of these gifted children graduated from college. Furthermore, five times the average for college men, and eight times for college women, had received Ph. D.'s. Almost half were in the professions. Many were successful in business and some, already, in their thirties, had national reputations for distinguished service. Just as important, was the conclusion that this group was as a whole better adjusted emotionally, socially and mentally and in better health than the average.

On the other hand, some had failed in college. Some held jobs as semi-skilled laborers. And some were poorly adjusted. This simply confirms us in our everyday observation—that high intelligence is no guarantee of high achievement. "Adult success is largely determined by such factors as social adjustment, emotion-

## What you should know about your eyes

Did you know many doctors say there's no such ailment as "eye-strain"? That it's a fallacy that eyes can be permanently hurt by "wrong glasses"? Realize the usual chart test may fail to discover many eye defects?

December Reader's Digest corrects many popular myths about the eye; reports on proper eye care . . . and tells the facts about common eye defects and diseases like cross-eyes, "color-blindness," cataract and glaucoma.

Don't miss this important report that gives 4 rules to help protect your precious sight.

Get your December Reader's Digest today: 36 articles of lasting interest, condensed from leading magazines, current books.

al ability, and drive to accomplish," points out Dr. Terman's study of gifted children. Heredity may set the limits to our intelligence, but who can doubt that our "social adjustment, emotional ability and drive to accomplish," as well as what we wish to accomplish are a matter of environment to a considerable degree? The foundation is laid in the home, but the church, the school, and all other community agencies share in the responsibility.

**PLAN TO ATTEND**  
**Notre Dame High Tea and Bazaar**  
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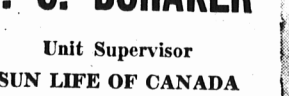
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Phone 835



## SAINT ANDREW'S ANNUAL BANQUET

WILL BE HELD AT  
**The CHARLOTTETOWN HOTEL**

ON DEC. 1st AT 7 P.M.  
Tickets will be on sale at  
**J. P. MacPHERSON & SON**  
157 Queen St. for club members and wives or lady friends until Friday noon, November 28th.

Price per ticket \$2.50  
Note: There will be no sale of tickets at hotel

## A MACLEAN'S EXCLUSIVE

See  
**Charlottetown**  
By Karsh

6 PAGE FEATURE  
SEE THESE PORTRAITS OF CHARLOTTETOWN BY THE WORLD'S GREATEST PHOTOGRAPHER

## MACLEAN'S

Truly CANADA'S NATIONAL MAGAZINE  
A MACLEAN-HUNTER PUBLICATION  
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Vel keeps your hands soft and lovely because it is free from strong chemicals and bleaches that harm delicate skin. Vel gives better, milder, richer suds... for washing dishes, nylons and fine washables.

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SOAKS DISHES CLEAN  
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**MILD MILD VEL** CONTAINS NO STRONG CHEMICALS

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