

# Agricultural News

P. E. I. Department of Agriculture

## Potatoes

The attention of potato growers of Prince Edward Island is directed to the Potato Competitions at the Maritime Winter Fair. For the past few years outstanding prizes have been awarded for Certified Seed classes, and the Province of Prince Edward Island has won outstanding distinction in this competition. Classifications in Certified Seed include Irish Cobblers, Green Mountains, Katahdins, and Sebago. Any other white variety, and any coloured variety.

In addition to a large range of prizes extending from \$10 for first down, there are Grand Championships, Reserve Championships, and Specials which offer outstanding attractions. For instance the Grand Championship is \$125, and the Reserve Grand Championship \$75, with other prizes of a special nature of \$50 and \$25.

In addition to the Seed Department, the Maritime Winter Fair this year has decided to put on a Table Stock Competition, and very outstanding prizes are also offered in this Department. The classes are divided into Early and Late, with Irish Cobbler, Warba, Bliss Triumph, White Bliss, Early Rose, Chippeva, Canus, and Keswick the early varieties, and Columbia Russet, Canso, Green Mountain, Katahdin, Kennebec, Mohawk, Netted Gem, Ontario, Pawnee, Pontiac, Rural Russet, Sebago, and White Rose, late varieties.

Each Table Stock exhibit shall consist of two (2) ten (10) pound packages, one for judging purposes and the other for the testing of starch. Tubers should be within the 7 to 9 ounce range.

In the Certified Seed Competition the size of the exhibit is 30 tubers.

In any event our potato producers in this Province should be very much interested in both these Competitions, and the suggestion is advanced that those interested should get in touch immediately with the Maritime Winter Fair, secure the Rules and Regulations, and make their entries at the earliest possible moment. Entries by the way, close on October 15.

## Poultrymen

The season has arrived for the culling and blood-testing of Approved Poultry Flocks. We would like the full co-operation of all flock owners in helping to carry out this policy.

Farms have been sent out to the many flock owners concerned. Several of these have been mailed to our office, but there are many still out, and we would appreciate the immediate attention of these people.

Blood-testing began October 18, and is to be completed by December 18; so when your flock is in 40% production, please be prepared to give us your attention as in the past.

## Parasites Of Poultry

This first article, in a series of two, will deal with External Parasites. The second article will deal with Internal Parasites and will appear in next week's column.

The Parasites of poultry can first be divided into two main groups, namely External and Internal. The external parasites consist of Lice, mites and fleas. Birds infested with external parasites are usually under nourished and in poor condition. There are many different kinds. Some are closely confined to the bird during the entire life cycle. Others wander freely from bird to bird. Some of these parasites are very particular as to which host they live on, while other species are found on several hosts. A few attack birds only at night, hiding in surrounding shelters during the day time.

Lice spend their entire life on the bird. It takes about two to three weeks for the eggs and nits to hatch and develop into the mature lice. One pair of lice may produce 12,000 descendants within a period of a few months. About 40 different species have been identified on domestic fowls. Heavy infestations render birds more susceptible to disease, and are sometimes the actual cause of death.

It is comparatively easy to rid birds of lice, but as many of the treatments used do not destroy the eggs or nits, a second treatment is usually necessary after an interval of ten days. There are four methods of treatment that may be used. Dusting, dipping, greasing, and fumigating. The choice of material and method of application in a particular instance will depend upon cause, convenience and personal preference of the operator. Among the materials used successfully are D. D. T., Nicotine sulphate, Sodium fluoride, and Sodium fluosilicate. It is also available to clean and disinfect the poultry house as well.

Mites are Microscopical or barely visible to the naked eye. Many species affect poultry. The life cycle, in general, takes from one to four weeks for completion, depending upon species, climate and availability of the susceptible host bird. Most mites on birds use blood or lymph for food, hence anemia is a more or less common symptom. These mites that move rapidly over the skin will irritate birds to a considerable degree. Others burrow into the skin causing damage and scab formation. Invasion of feather follicles by certain species result in feather loss, owing to the basis of feathers being destroyed, or the birds pulling out the affected feathers. The habits of the different species differ, and it is necessary to determine which species has infested a flock then treatment can be advised. Thorough cleaning and treatment of houses, nest boxes, etc. with some suitable spray is necessary in order to eradicate these pests. Repeated treatments have to be carried out. Clean, dry, well ventilated houses, which are so built as to admit plenty of sunlight, are much less likely to be badly infested than are damp, dirty, dark houses.

Treatments for mite infested houses include painting of roosts with 40% solution of Nicotine sulphate just before the birds go to roost; spraying-litter, roosts, and crevices while the birds are out with a suitable spray; then removing and burning the litter and flushing out the nests with scalding water. In this method of treatment the entire inner surface of the building should be sprayed, and the flock kept out of the house until the fumes have disappeared and the oil has soaked into the wood.

Fleas are rarely found on P. E. I. poultry. Control measures include

# THE CENTRAL GUARDIAN

CRASWELL for Better Photographs.

COLORFUL SCARVES selling below cost at Jack Cameron's Sale.

MALLORY & BROCK HATS selling below cost at Jack Cameron's Sale.

"WE TREAT THE SICK WELL." Giggie's Pharmacy, next Stewart's Bakery.

KEROSENE, Electric and Propane Gas Refrigerators. Bryenton and MacKay.

FALL AND WINTER GLOVES selling below cost at Jack Cameron's Closing Out Sale.

GIGGIE'S PHARMACY will be open this afternoon and evening. Phone 3170.

PORTABLE PHONOGRAPH. Three speed, beautiful tone, \$34.50. Toombs Music Store.

ENGAGEMENT—Mr. and Mrs. A. Keith Lord, Carleton, announce the engagement of their daughter, Marion Leona, to Lloyd Eric, son of Mr. and Mrs. Colin J. Ramsay of Hamilton, P. E. I. Marriage to take place the latter part of October.

spraying the nests and roosts as well as the birds.

## Cheese Is A Nutritious Food

Nutrition authorities state that cheddar cheese is important in the human diet because:

1. It is an economical source of milk protein.
2. It is a rich source of calcium.
3. It is a concentrated form of energy.
4. It is an excellent source of several vitamins.
5. It is highly digestible.
6. There is practically no waste.
7. It lends itself to a variety of uses in the preparation of menus.

Almost all of the protein and fat of the milk from which it is made and having a comparatively low water content, is a very nutritious food, and the cheaper kinds may well be used more abundantly than is commonly the case in this country as a part of the regular diet and not simply as a condiment at the end of a hot meal.

Cheese is one of our most nutritious and versatile foods. It deserves a place in every home as a household staple because of its usefulness in economical meal planning. Cheese is made in many flavors and textures to suit individual preferences, and the price range permits its inclusion in every household budget.

As a source of protein, cheddar cheese compares favourably with other nutritious foods. One-quarter pound cheese furnishes the same protein as any one of the following: One quart whole milk, 16 average slices of bread, 5 large eggs, 5 1/2 ounces, liver, 6 1/2 ounces of fish, 5 1/2 ounces beefsteak, 4 ounces of peanut butter.

## We And Our Neighbours

by Ruhamah Scheinfeld Frank WHICH DO YOU PREFER

I'd like to celebrate Thanksgiving in this column by presenting the answers given to worried parents in "The Good Old Days", and the answers given by authorities now, to the very same questions. I believe most readers will be amused and interested, and perhaps—who knows—one or two who aren't too sold on the modern ideas, may have a change of heart.

I found these excerpts in an American publication of June 1950. They were compiled by Sidonie Malsner Greenberg (who has a record of 27 years as director of the Child Study Association of America) from an 1834 copy of minutes of child-study group meetings held from 1893 to 1904.

Question: How can I teach my child the first lesson—obedience?

The Answer Then: Cost what may, break the child down to obedience to the first command.

If you are careful never to let disobedience escape effective punishment, you will find it not difficult to maintain your absolute authority.

The Answer Now: You cannot teach your child obedience in one easy lesson or in ten. It is something a child learns gradually, over a period of time. Just what he learns depends on how you handle the innumerable situations that arise in daily living.

Confine your demands and orders to the essentials. Leave out unnecessary "do's" and "don'ts" and "you musts". Most parents' lives are filled with giving their children orders and, as a result, most of these orders are not obeyed. Think before you give a command. Most of the time you will decide that it is unnecessary.

When you do tell your child to do something, say it as if you meant it—firmly but not harshly or unpleasantly. Let your child know that you expect to be obeyed. Then see that you are. Sometimes the conviction in your voice and the expression on your face are not enough. Then gently, but firmly, close the book for him, take the knife away from him, lead him upstairs yourself.

Question: What should be done about a boy of nine who brags and lies? At home, he tells of his exploits at school and the honors he received there. At school, he tells his classmates fantastic stories about his possessions and the grandeur of his home. He also makes up stories to belittle his five-year-old sister in the eyes of his parents.

The Answer Then: This boy is well on the way to becoming a dishonest and thoroughly untrustworthy person. The sternest measures must be taken to get him back on the right path. Every time he lies, wash his mouth out thoroughly with strong soap and shame him for the wicked thing he has done. If this does not bring the desired results, deprive him of the privilege or special treat which means most to him until he mends his ways.

The Answer Now: This boy is in real trouble. His behavior springs from unhappiness and insecurity rather than from "wickedness". It is apparent that he thinks his little sister is the favored one in the family. He feels that he has nothing real with which to compete with her soft, baby ways, so he makes up

LOCAL GIRL WINS SCHOLARSHIP — Among the scholarship winners entering Mount Allison last week was Elizabeth MacLean, daughter of Mr. and Mrs. William MacLean now residing in Sackville and a grand-daughter of the late Eli and Mrs. MacLean, Fitzroy Street. She intends to study for her B.Sc.

FUNERAL SERVICE—The funeral of the late James Calder formerly of Charlottetown was held September 24 at 2 from Trinity United Church, New Glasgow, N.S., with Rev. Dr. C. R. F. MacLennan officiating, assisted by the Rev. W. L. MacLellan of First Presbyterian Church and was largely attended. The Lyric Male Chorus under the direction of Maynard Fraser and of which group the deceased was a valued member, sang "The Lights of Home" and "Remember Me, O Mighty One." Pall bearers, all members of Albion Lodge, A.F. and A.M., were Messrs. Ross Muir, Chester Cameron, William Bingley, James MacIntyre, John R. MacLean and Cecil Gunn and at the close of the committal service they said their final tribute to a deceased member with Edwin Eastwood delivering the exhortation. Many floral tributes and messages of sympathy were received. Interment was in Lorne Street Cemetery.

Persons

Mr. Pat Toomey and Mr. Joe Fillmore, Dorchester, N. B. were visitors to the Province over the week-end.

Mr. and Mrs. Charles Sanderson, accompanied by their daughter, Bunny, of Houlton, Me., and Mr. and Mrs. Bertram Clowes of Bangor, Me., left yesterday following a visit with Mrs. Sanderson's nephew and niece, Mr. and Mrs. James G. Clowes. Mrs. Sanderson, formerly Ruby Mooney of Charlottetown was paying her first visit here since a brief holiday 32 years ago and renewed many old acquaintances.

## Card Of Thanks

Mr. Joseph Mooney of Iona, wish to thank doctors, nurses of the P.E.I. Hospital and all those who sent flowers, messages of sympathy, during his recent and bereavement of his dearly beloved wife, Mrs. Joseph Mooney.

## Card Of Thanks

I wish to express my thanks and appreciation to Rev. Father MacCarthy, Dr. MacLeod, Dr. Coady and the clergy, good Sisters and Nurses of Charlottetown Hospital, also my kind neighbors who helped in so many ways, the day of my accident and all who sent cards and treats. A very sincere thank you to all.

Louis Carragher, Lot 65.

## IN MEMORIAM

In fond and loving memory of our dear son and brother, I. A. C. Charles M. McCarron, who lost his life in the sinking of the S. S. Caribou, October 14th, 1942.

A dearer son has never lived. Or one more fine and true. Nor was a son ever loved. More truly dear than you.

Sadly Missed by Mom and Sisters.

**LONG-LASTING LIGHT**

**SOLEX LAMPS**

THE SOLEX COMPANY

CANADIAN GENERAL ELECTRIC COMPANY LIMITED

## AUTOMATIC OIL HEAT Now Costs So Little!

SO WARM! SO EFFICIENT AND THE FLOORS ARE ALWAYS WARM!

**Coleman OIL FLOOR FURNACE**

Take it easy—stop fire-tending drudgery—yet have a better-heated house. Coleman Oil Floor Furnace sits in the floor, is easy to install quickly. Burns low cost oil. No fuel to carry, no ash to mess up the house. We have a size to give YOUR home, too, real "warm-floor" heat at low cost. Listed by Underwriters' Laboratories. See us!

**Coleman OIL Floor Furnace**

LOW IN PRICE! LOW OPERATING COST! IN CONVENIENT TERMS!

**F. A. S. JONES**

129 Kent St. Dial 3188

**THE ROYAL BANK OF CANADA**

Charlottetown Branch — W. R. Cruikshank, Manager

Branches also in Hunter River, Mount Stewart, Summerside and Tyne Valley.

## JUNIOR LEAGUE OF CHARLOTTETOWN HOSPITAL

The Junior League of the Charlottetown Hospital held their monthly meeting on Oct. 6 in the Nurses' Residence with 39 members present.

President Mrs. Urban MacQuaid opened the meeting with prayer. Treasurer's report showed a bank balance of \$185.56.

The ways and means committee reported that \$267.95 was made in the Baby Booth at the Hospital Bazaar.

Mrs. Alex MacIsaac gave a glowing and highly interesting report on the Maritime Hospital Convention which she attended at St. Andrew's this summer.

The President announced that the plaque had arrived for the nursery and is ready to be placed on the nursery door indicating that the Junior League had supplied the cubicles for the nursery.

Twenty-five names were drawn to arrange for the Christmas tree jacket with Mrs. Ed. Wood as chairman and Mrs. Mitchell MacDonald as co-chairman.

Underground air-raid shelters built in Sweden will accommodate a total of more than 1,000,000 persons.

## IN MEMORIAM

MRS. LAUCHLIN J. MacLEAN

The death occurred at the Massachusetts Memorial Hospital, Boston, Mass., on August 31 of Mrs. Lauchlin J. MacLean of 60 Orchard St. Cambridge, Mass. at the early age of 44 years.

Born at New Argyle, P.E.I. she was the daughter of Mr. William Gillis and the late Euphemia MacDonald. Early in youth she left her native land for Cambridge, Mass. In 1905 she married Lauchlin MacLean, formerly of Orangeville, Cape Breton, who survives her. She was a faithful member of the Presbyterian Church in West Newton, Mass. and took an active part in various organizations of the church.

She leaves to mourn besides a sorrowing husband her father and step-mother, also the following sisters and brothers: (Margaret) Mrs. MacDonald of Cambridge, Mass.; (Flora Jaze) Mrs. Hynes of Toronto, Ont.; (Beth) Mrs. D.A. MacConnell, Ch'town; (John) of Borden, P.E.I.; Nicholas of Desable, P.E.I. and Alex of Cambridge, Mass.

The funeral was held Sept. 2 from the United Presbyterian Church in West Newton and was conducted by Rev. George Murray who spoke comforting words to the bereaved. Mr. William Gilholm sang "The Lord Is My Shepherd" and Mrs. Ann MacConnell rendered "Close to Thee", both being favorites of the deceased.

The flowers were many and beautiful bearing silent tributes of a loved one gone to rest. Interment was in the Gethsemane Cemetery, West Roxbury, Mass.

The City of London, England, was already a busy trading centre when Christ was born.

One of the six Australian states, the Northern Territory, has more than 1,000,000 cattle.

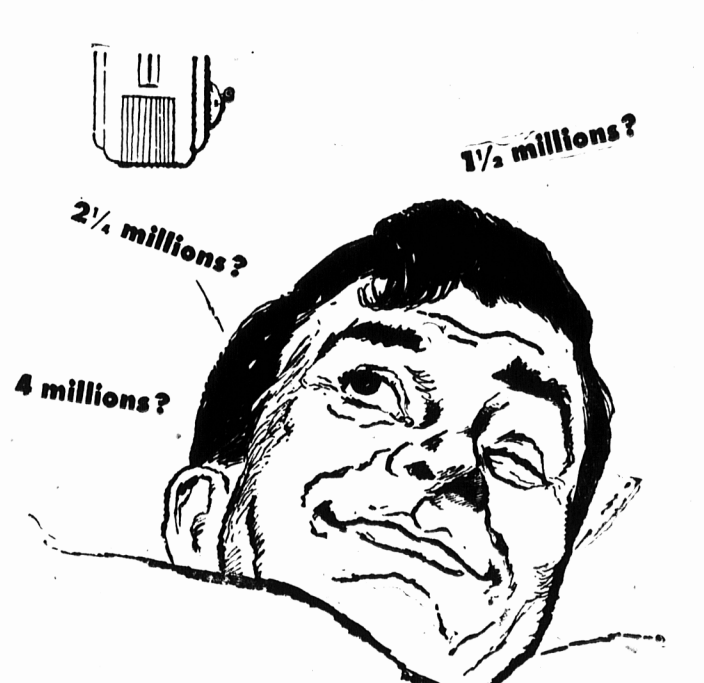
imaginary qualities in himself to win over his family and playmates. He needs approval and he needs love. While letting him know that you know his stories are untrue and that you disapprove of telling untruths, do everything you can to show him that you approve of the boy himself. Show an interest in the things which interest him. Give him certain privileges and responsibilities for which his sister is still too young. Let him learn that there are advantages in being older and in being a boy, just as there are advantages in being the baby sister. These are samples. Lack of space forbids more.

When you do tell your child to do something, say it as if you meant it—firmly but not harshly or unpleasantly. Let your child know that you expect to be obeyed. Then see that you are. Sometimes the conviction in your voice and the expression on your face are not enough. Then gently, but firmly, close the book for him, take the knife away from him, lead him upstairs yourself.

Question: What should be done about a boy of nine who brags and lies? At home, he tells of his exploits at school and the honors he received there. At school, he tells his classmates fantastic stories about his possessions and the grandeur of his home. He also makes up stories to belittle his five-year-old sister in the eyes of his parents.

The Answer Then: This boy is well on the way to becoming a dishonest and thoroughly untrustworthy person. The sternest measures must be taken to get him back on the right path. Every time he lies, wash his mouth out thoroughly with strong soap and shame him for the wicked thing he has done. If this does not bring the desired results, deprive him of the privilege or special treat which means most to him until he mends his ways.

The Answer Now: This boy is in real trouble. His behavior springs from unhappiness and insecurity rather than from "wickedness". It is apparent that he thinks his little sister is the favored one in the family. He feels that he has nothing real with which to compete with her soft, baby ways, so he makes up



## How many Canadians keep warm with oil?

More than 4 millions. Oil is used in the furnaces or heaters of more than a million Canadian homes—better than one in four.

Oil plays a large and growing part in our everyday living. How many of these questions about it can you answer?

How does Canada rank among the nations in known oil reserves—

8th? 17th? 21st?

How many barrels of oil (35 gallons to a barrel) do you think Canadians use in a year—

8 millions? 165 millions? 300 millions?

In the past 10 years, the average wholesale prices of all commodities have risen 85 per cent. Have prices of Esso gasolines risen—

more? less? about the same?

Energy produced at Niagara Falls each day is equal to that in 9,000 barrels of crude oil. Prairie oil fields now produce energy equal to how many "Niagaras"—

2? 11? 18?

Taxes take a big part of a company's income. How would you say Imperial's 1952 tax bill compared with its dividends? Was it—

greater? less? about the same?

Far down the list a few years ago, Canada now ranks eighth. Except for a group of Middle East countries—Iran, Iraq, Kuwait and Saudi Arabia—only the U.S., Venezuela and Russia have larger reserves.

Last year 165 million barrels—about one gallon each day for every man, woman and child. Canada uses twice as much oil as she did six years ago.

Much less. The average wholesale price of Esso gasolines across Canada is up about one-third as much as the average for all commodities.

The energy of the oil produced in the western oil fields each day is about 18 times that generated at Niagara.

Taxes were \$55 millions, about 2 1/2 times dividends to shareholders. For each dollar of income, Imperial paid 10¢ in taxes and 4¢ in dividends. Tax figures do not include gasoline sales tax paid at the pump.

**IMPERIAL OIL LIMITED**

oil makes a country strong