

A Feature for Every Friday— Among The Farmers Federation Of Agriculture News

Production and Surplus Supply

The Hon. Mr. Abbott in his remarks at the Charlottetown Hotel on Tuesday evening suggested that our tax burden might be eased in either of two ways—a lessening of international tension and by greater production of goods in Canada.

The first, said Mr. Abbott, could not be depended upon, the second, had possibilities. The philosophy of increased production certainly appeals to Canadian agriculture which at the moment is grinding along in second gear, plagued by surpluses and intimidated by the prospect of lower returns even at the present production levels.

Agriculture will not expand or be prosperous if the energies of the Canadian farmer are confined in large part to the feeding of fifteen million people. Increased production in agriculture is only sound if and when export markets can be widened out and this depends to a large extent on solving problems of international exchange, a problem with which the Conference of Commonwealth Prime Ministers can be expected to tackle with vigor in November.

The Farmer and Defence

Approximately one half the four and one half billion taxation bill is being used to finance past wars and present and future defence. From an agricultural standpoint, the effect of present high defence expenditures are varied. One result clearly apparent is that these expenditures have forced farming costs up, but have had no great effect in widening markets. The farmer must compete with high wages paid in defence and other industries and the heavy loss of manpower has imposed the necessity of buying more and more machinery, cost of which is continually rising due in part to defence competition for the basic steel and other metals.

In short, defence spending has meant to the farmer—higher taxes, higher costs, and fewer clearly associated higher returns.

Farm Forum

Last year sixty Farm Forum groups operated in the Province and within the next few weeks the Forum season will, once again, get under way. It is not too soon for Forum officers to start thinking on re-organizing for an early start. We feel that there is room for many more groups and communities which are prepared to spend one night a week throughout the winter will receive valuable returns in education, social contacts and community improvement. The objective this year is one hundred groups and this can be achieved by the active Forums

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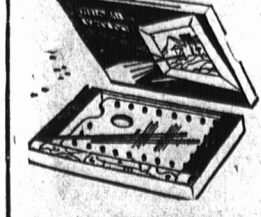
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IN MEMORIAM

MR. JOHN JOSEPH MONTEITH

The death occurred of Mr. Joseph Monteith in Boston, Mass., on September 18th. The late Mr. Monteith was born in Charlottetown on May 19, 1905, son of Mr. and Mrs. Walter B. Monteith. He was educated in Queen Square School, and for a time was employed by the late Judge J. D. Stewart, and later by the Clarke Fruit Company, before going to Boston, after which he was steadily employed with N.A.P.A., New England Warehouse, Cambridge, Mass.

He leaves to mourn his wife, the former Margaret Longphoff, at Boston, Mass.; his mother, Mrs. Walter B. Monteith; two brothers, William at Charlottetown and William at New York, and one sister, Mrs. Maurice Berrigan, Charlottetown; and one nephew, James Monteith, of Montreal.

The remains were brought to Charlottetown from Boston, Mass., on Monday, September 22, where the funeral was held from the home of his brother-in-law, Mr. Maurice Berrigan, to St. Dunstan's Basilica, where Requiem High Mass was celebrated by the Rev. James Smith, who also officiated at the grave. The pallbearers were: Messrs. George Michael, Emmett Callaghan, Gerald Gillis, James Burns, William McGee, and William Mulholland. Interment was in the family plot in the Roman Catholic Cemetery.

Floral Tributes

Pillio—His wife.
Spray—Mother.
Pillio—Mr. and Mrs. Maurice Berrigan.
Spray—Mr. and Mrs. James W. Monteith.
Basket of flowers—William Monteith.
Spray—Mr. and Mrs. John Hope, London, Ont.
Spray—Mr. and Mrs. James Aldridge, Brighton, Mass.
Spray—Mr. and Mrs. Sidney Leavens, Montreal.
Wreath—N.A.P.A. New England warehouse employees, Cambridge, Mass.
Spray—Mr. and Mrs. Joseph Burns and son, Weymouth, Mass.
Spray—Mr. and Mrs. Vernon Oatway, Montreal.

Mass Cards

Mrs. Catherine rney and family, City.
Mr. and Mrs. Parker Whitlock and family, City.
Mr. and Mrs. MacEachern, City.
Mr. and Mrs. Charles White and family, Bonshaw (2).
Miss Helen Champlain, Boston, Mass.
Mr. Fred Power, Boston, Mass.
Employees at Raytheon, Newton, Mass.
Mr. and Mrs. Temple Longphoff, Moncton, N. B.
Mr. and Mrs. William McGee and family, City.
Mrs. George Bell, City.
Mr. and Mrs. Frank Steele, City.
Mr. Bruno Martin, City.
Miss Lena Larier, City.
Miss Grace Nazarro, Boston, Mass.
Mr. and Mrs. John McManus, Bonshaw.
Mr. and Mrs. Isaac Longphoff, Souris.
Mr. and Mrs. William Howatt and family, City.
Mr. and Mrs. John McIsaac, City.
Mr. and Mrs. Andrew LeClair, City.
Mr. and Mrs. Stanley Ross, Boston, Mass.
Mr. Stanley Blacquire, City.
Miss Josephine Martin, City.
Mr. and Mrs. Joseph LeClair, City.
Mr. and Mrs. Russell Bell and family, City.
Mr. and Mrs. James Monteith, Montreal.
Mr. and Mrs. Walter Monteith Jr., City.
Mr. and Mrs. Edward Longphoff, Moncton, N. B.
Mr. John Power, City.
Mrs. Ralph Kane, Boston, Mass.
Mr. and Mrs. Sidney Leavens, Montreal.
Mr. and Mrs. Lawrence Lindner, Boston, Mass.
Mr. and Mrs. John McAleer, City.
Mr. and Mrs. Cecil Dowling, City.
Miss Josie McGee, City.
Mr. and Mrs. Earl Ranaghan, City.
Mrs. Angie Monteith, Allston, Mass.
Mr. and Mrs. Phil Arsenault, Allston, Mass.
Miss Priscilla Martin, Allston, Mass.
Perpetual Memorial (2)—Fellow workers of N.A.P.A., Cambridge, Mass.
Telegrams—Mr. and Mrs. John Hope, London, Ont.

Spiritual Bouquets

Mr. and Mrs. B. MacDonald, City.
Mr. and Mrs. William McCullen, Boston.
Mr. Frank Eastman, Boston, Mass.
Mr. Ray Taylor, Boston, Mass.
Mr. Richard Martin, Boston, Mass.
Mr. Frank Rogers, Boston, Mass.
Miss Elva Gessier, Boston, Mass.
Cards of Sympathy
The Carlton Mfg. Company, Boston.
Mr. and Mrs. John Hope, London, Ont.
Mrs. Mae Coker, Allston, Mass.
Mrs. Priscilla Hennessey, City.
Miss Winnifred Leonard, Boston, Mass.
Mrs. E. Fitzgerald, Allston, Mass.
Mrs. Angie Monteith, Allston, Mass.
Miss Helen Shama, City.
Mr. William Bolger, City.
Miss Viola Tierney, City.
Mr. and Mrs. Ruby Soril, Boston.
Mr. and Mrs. Frank Murphy, City.

Card Of Thanks

Mrs. Margaret Monteith wishes to thank all her kind friends and neighbours who sent flowers, cards and letters of sympathy, or helped in other ways in her recent sad bereavement.

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.

JIMMY'S TAXI—Phone 525.

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ART CLASSES RESUME Oct 16th. Mrs. D. M. Gass.

HOWARD MACINNIS FOOTWEAR at 175 Queen Street.

JUST ARRIVED, Spring-filled mattresses \$22.95. Simpson's Furniture and Appliances.

DR. C. A. COADY will be absent from his office October 13th to October 30th.

5-PIECE CHROME SUITES, \$75.00. Simpson's Furniture and Appliances.

"TWILIGHT GLOW" for your fire place now in stock at the Abegweit Gift Court.

SONG SERVICE in Orwell Head Church, October 12th, 7.30 P. M. Caledonia, Valleyfield and Orwell Head Choirs. Rev. A. C. Fraser, Minister.

PRESBYTERIAN CHURCH IN CANADA.—Schedule for Sunday, October 12th. Wood Islands North, Thanksgiving Service, 11 A. M. Caledonia, 3 P. M. and Murray Harbour South, 7.30 P. M. Minister: Rev. E. S. Hales.

ORWELL — VERNON UNITED CHURCH OF CANADA.—The services for Sunday, October 12th (Thanksgiving Day), Vernon River Sunday School 10 A. M. Service 11 A. M. Orwell 2 P. M. (Dedication of new burial ground, please note hour). Eldon 4 P. M. Cherry Valley Sunday School 10 A. M. Service 7.30 P. M. Rev. John F. MacKay B. D., Minister.

HAMPTON PASTORAL CHARGE.—The United Church of Canada. Services Sunday, October 12th. Mr. Elmer MacLean will conduct service at Victoria at 11 A. M. and at Hampton at 3 P. M. The Bonshaw Sunday School Rally Service will be held at 7.30 P. M. Rev. R. H. Baxter, Minister.

BREADALBANE United Pastoral Charge. Service Sunday, October 12th. Pleasant Valley 11 a.m., Rally Day program; North Granville 3 p.m., dedication of bulletin board. Summerside Trinity Church Male Octette will assist with the music. Rose Valley 7.30 p.m. Rev. W. B. MacPhail, Minister.

PRESBYTERIAN CHURCH IN CANADA.—Central Parish. Services next Lord's Day, as follows: Canoe Cove 11 A. M. Sunday School 10 A. M. Church 3 P. M. Sunday School 2 P. M. Clyde River 7.30 P. M. Sunday School 10.30 A. M. Rev. Donald Nicholson, Minister.

CORNWALL UNITED CHURCH. Services October 12th, will be held as follows:—Cornwall at 11.00 A. M. New Dominion at 3.00 P. M. Kings-ton 7.30 P. M. Rev. Geo. W. Tilley will be the guest preacher. Rev. A. S. Weir, Minister.

CHTOWN POST OFFICE MONDAY. On Monday, Thanksgiving Day, there will be no letter carrier delivery. Wicket service will be provided from 10 a. m. to 12 noon only at all wickets except the money order and Savings Bank wickets which will remain closed. The public lobby will remain open as usual, and special delivery service and receipt and despatch of mails will be carried out as usual. Mail counters will observe the holiday and will not make their usual trips on this date.

ST. PAUL'S A. Y. P. A.

The regular weekly meeting of St. Paul's Young People was held in the Parish Hall on October 8th. Following the opening, led by the president, the election of officers for the coming year was held and resulted as follows: President, Eleanor Clapp; vice president, Horace Coles; secretary, Heather Coles; treasurer, Roger Gardham; executive, Ann Stewart, Gerda Hansen, Bennett Carr and Nick Hansen.

Gerda Hansen, the past president, then thanked the members for their co-operation during the past year.

The remainder of the evening was spent in playing games, led by Allison Gill, Barbara Brenner and Heather Coles, and lunch was served.

St Paul's Church Laymen Meet

The Laymen's Association of St. Paul's Church held their opening meeting of the season on Tuesday evening in the Parish Hall at 6.15 p. m. when a large number of Laymen sat down to a tasty supper prepared by the Ladies' Guild of the church under the direction of Mrs. W. E. Champion.

The meeting was opened with Grace by the Rector, the Rev. J. T. Ibbott, after which a sing-song was enjoyed by all present with Mr. Paul Cudmore presiding at the piano.

After the introduction of guests, the president, Mr. Gerald E. Proctor, called on Mr. George B. Whiteside to address the meeting. The speaker took for his subject "The Sols of Prince Edward Island" and gave a very informative and interesting talk on this matter.

A hearty vote of thanks was tendered Mr. Whiteside after which plans of the Association for the coming winter were discussed. The Rector then closed the meeting with the Benediction.

Trinity Auxiliary Holds Service

Rewarding indeed was the fairly large audience who attended the carefully planned, inspiring autumn thanksgiving service of the Mary Miller Auxiliary on Wednesday evening, October 8th.

The devotion was in charge of Miss Enid Morton, Mrs. Frank Wheatley and Mrs. Allison Taylor. The Trinity Male Eight were in attendance and rendered two selections in their usual excellent style.

The guest speaker was Trinity's newly inducted minister, the Rev. Frank Maclean, who was heard with close attention as he gave a very fine address based on the story in Genesis 24.

The Rev. J. T. Irwin showed a sound film which told how science is raising the standard of living among the natives of Kenya Colony.

Following the service the congregation went down to the social hall where they enjoyed vocal solos by Miss Phyllis Coffin and violin solos by Miss Thelma Teed. A bountiful lunch was served by members of the Evening Auxiliary.

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WE TREAT THE SICK WELL. Giggey's Pharmacy.

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BONSHAW RALLY DAY Service Sunday, October 12th, at 7.30 P. M.

ZENITH—Radiocentric Hearing Aids \$85.00. Batteries, accessories. Toombs Music Store.

\$5.00 WILL PLACE on your head a smartly styled Fall Hat, by Adam, Henderson & Cudmore.

TAILORED—to-Measure clothes \$39.95 up, J. P. MacPherson & Son.

WANT TO SEE HI STYLE? The new Fall Jackets by Hape are stars. See them today. Henderson & Cudmore.

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THREE FLIGHTS WEEKLY to Magdalen Islands, P. Q. Tuesday, Thursday, Saturday. Phone Maritime Central Airways 2061 or 540

OPENS OFFICE.—Dr. Harold P. Stewart, physician and surgeon, 224 Queen Street, Charlottetown. Office hours 2-4 P. M. and 6-8 P. M. and by appointment. Phone 2430 (office) 2430-2 (residence). Wednesday at Eldon 1.30 to 4.30 P. M.

NORTH RIVER UNITED BAPTIST PASTORATE.—Sunday, October 12th. Thanksgiving Services. Fairview 11.00 A. M. North River 3.00 P. M. Long Creek 7.30 P. M. Sunday Schools as locally announced. Rev. H. Barber, Pastor.

POWNAL PASTORAL CHARGE. Sunday, October 12th. Milville at 11 A. M. Rally Day Service by the Sunday School. 2.30 P. M. Pownal. 7.30 P. M. Milville Anniversary Service, special music. Rev. T. R. Goudge, Pastor.

NEW GLASGOW CHRISTIAN CHARGE. October 12th, 1952. Services at New Glasgow at 11.00 A. M. Fredericton at 3.00 P. M. Breadalbane at 7.30 P. M. M. Waterworth, Minister.

HUNTER RIVER CHARGE.—Services Thanksgiving Sunday Hampshire 9.45 with Communion. Wiltshire 11.15. At Hunter River the W. M. S. will hold their Thanksgiving Service at 7.30 with special music. Church vestments are to be decided at this service. Rev. Howard Christie, Minister.

ST. PETER'S BAY Pastoral Charge, the United Church of Canada. Sunday, October 12th, 1952. Greenwich, Sacrament of the Lord's Supper at 11 A. M. St. Peter's, Annual Rally Service with the Cornwall Trio, 7.30 P. M. Sunday Schools as announced. (Rev.) Russell A. MacLeod, Minister.

CAVENDISH UNITED PASTORAL CHARGE.—Sunday, October 12th. New Glasgow 11 A. M. Cavendish 7.30 P. M. Sunday School. Cavendish 10 A. M. in the United Church. Thank offering service at Stanley Bridge 7.30 P. M. Mrs. Hazen Howard, guest speaker. Special music. Rev. George Gough, Minister.

YORK PASTORAL CHARGE.—The United Church of Canada. Minister: Rev. J. M. Sproule. Thanksgiving Sunday, October 12th, 1952. 11 A. M. Central. Thanksgiving and Rally, 2 P. M. York. Harvest Thanksgiving, 7.30 P. M. Brackett, Thanksgiving Rally.

SERVICES for Sunday, October 12th. Elizabeth's Church, Springfield, 11.00 A. M. Morning Prayer. St. Thomas' Church, Long Creek, 3.00 P. M. Evening Prayer. St. John's Church, Crapaud, 7.30 P. M. Annual Service of Thanksgiving for Harvest. (Rev.) George R. F. Ebsary, Rector.

TRYON PASTORAL CHARGE.—The United Church of Canada. Services for Sunday, October 12th, as follows: Tryon 11 A. M. Cape Traverse 3 P. M. and at Crapaud 7.30 the W. M. S. will hold a Thank Offering Service. Special music. Everybody welcome. Rev. S. J. Boyce, guest speaker.

TRYON—BONSHAW GROUP OF UNITED BAPTIST CHURCHES.—On Sunday, October 12th, the services of this group of churches are as follows:—Bonshaw, Public Worship, 11.00 A. M. Westmoreland, Sunday School, 2.00 P. M. Orange Church Service, Prince Arthur L. O. L. 1.368 and L. O. B. A. Crapaud 3.00 P. M. Tryon, Sunday School, 11.00 A. M. Public Worship, 7.30 P. M. Rev. W. G. Killam, Pastor.

Strange But True

By F. H. MacArthur

All too often we look upon microbes as being only forces for evil. Nothing could be further from the truth. Indeed microbes are as essential as the air we breathe and the water we drink. If it were not for these minute creatures we should have no plant life. Microbes, at work in the soil transform the malodorous manure into food suitable for children of the plant kingdom.

How they manage this amazing feat is due to their number. It has been estimated that the bacteria in the upper foot of soil of a one-acre plot of ground weigh nearly half a ton.

Under favourable conditions, divisions of cells may occur every 20 minutes, but assuming a slower rate of one division each hour we would have at the end of one hour two, at the end of the second hour, 4, at the end of the third hour, 8. In 24 hours 16,696,256 would be present, in 48 hours, 5 would be present, in 282 billion, and in 72 hours, 5,738 million million millions. Their progeny if placed end to end would extend to the moon and nearly halfway back again. Think of it!

The cell is the simplest particle of matter that is able to maintain itself and reproduce other generations of its kind. Hook coined the name 'cell' in 1665 because it resembled the cell-like compartments in cork.

Cells vary considerably in size, ranging from those called Bacteria, which are often not more than 1/2500 of an inch in length to certain egg cells which reach a length of several inches. An average cell is about 1/2500 inches in diameter, and they vary in shape as well as in size.

Water constitutes about two-thirds of our bodies. Mineral substances are present in all animal tissues, and different tissues are characterized by the presence of different minerals. The principal ones are potassium, sodium, calcium, magnesium, iron, phosphoric acid, sulphuric acid, and chlorine.

The sex of all animals is judged by the kind of sex cells they produce—eggs by the female and spermatozoa by males. Incidentally, the egg of a mouse is only 0.065 mm. in diameter while that of birds may be several inches long. The size of the latter is due to the presence of much nutritive material, and the general statement may be made that the size of an egg does not depend so much upon the size of the animal as upon the amount of the yolk stored within it.

The male sex cells differ considerably from the eggs. They consist of a head, middle piece, and a tail.

Spermatozoa are very tiny, ranging in size from 0.02 mm. long to 2.0 mm. According to authorities it would take from 400,000 to 500,000 sea urchin spermatozoa to equal in volume the egg of the same species. Perhaps that's why the number of spermatozoa produced by a single male may be hundreds of thousands of times as great as the number of eggs developed in a female.

It is interesting to note just what takes place in the life cycle of some animals. Those that are produced by the sexual method state life in the form of an egg, either fertilized or unfertilized according to the species. Animals which develop asexually, on the other hand, begin their cycle in what is known as "budding or fission". The latter process is in time, interrupted by the formation of sex cells, hence the life cycle of such animals may be considered to extend from the mature egg to that stage in the life history of the species when mature eggs are again produced.

A more simple life cycle is that of the wingless insect of the order aptera.

The offspring, when incubated from the egg, are the same in form, structure, and habits of their parents and undergo no perceptible changes, except that they grow until they become sexually mature adults. Young grasshoppers, too, resemble the adult in many ways, but they have no wings at the time of their birth. In some insects a larva hatches from the eggs, but strange to say, when it attains full growth, it changes in shape and structure, becoming a pupa, from which after a specified interval an adult comes forth.

A strange sort of alternation which occurs in some creatures is the alternation of individuals developing from parthenogenetic eggs with those from fertilized eggs.

In the aphids, for example, the tribe passes the winter months in the shape of fertilized eggs. All the young aphids which incubate from these eggs in the spring are females called step-mothers. These step-mothers produce broods of females from parthenogenetic eggs and females in the same manner. This throughout the warm weather, many generations of females come into the world; but—and there is a but, as autumn draws near females develop whose eggs must be fertilized, and males are also produced. The eggs of these females are fertilized by spermatozoa from males, and the young aphids thus formed survive the winter, producing step-mothers the following spring. What could be more interesting?

You can find 140 pound pressure on the end of an egg, without breaking its shell.

The late John Collins, of North River, owned an oddity—a hen's egg—8 inches in length and in three sections like a link of sausages. Freak eggs are not uncommon and they sometimes occur in birds eggs as well as those of domestic fowl. Some years ago the writer came upon a swallow's nest in which were a couple of broken

Returns After Visiting Toronto

Mrs. Frank J. Flood, 53 Bayfield Street, returned Friday night, October 3rd from a month's visit with her daughter, Mrs. Joseph Cusack, Toronto.

While away Mrs. Flood visited Oakville, Hamilton, Niagara Falls and also made a short visit across the border.

While in Toronto she had the pleasure of meeting her niece, Sr. Bernadine of the St. Joseph's Order. Sr. Bernadine is a daughter of Mrs. Flood's brother, Mr. Charles F. Trainor, formerly of Kelly's Cross, who left the Island in 1919 and now resides with his family in St. Gregor, Saskatchewan. Many friends in Kelly's Cross will remember him as a successful school teacher in this province before going west, where he still continues in that same worthy profession.

It was the first time Sr. Bernadine had ever met any of her father's family, and needless to say the occasion was a very joyous one. Another daughter of Mr. Trainor, Sr. Patricia, is with another Order in Humbolt, Saskatchewan.

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eggs. One of the broken eggs had two shells one inside the other with an air space between the inner and outer shell.

TORONTO, Oct. 8 — (CP) — A middle-aged man and woman died today from the effects of domestic gas in an east-end apartment. The victims were George Miles Standish, 58, and Mrs. Blanche Richards, 60, a beautician. Chief Coroner Smiley Lawson said it appeared the man took his own life and the woman was a victim when the gas spread through the apartment.



Mrs. Guy Russell, Moore's Mills, N. B., 1952 winner at St. Stephen Fair, uses Fleischmann's Yeast exclusively.

Her Baking Wins Prizes For 28 Years

As you can see, winning prizes for home baking is an old story with Mrs. Guy Russell, of Moore's Mills, N.B. Her collection of prize-winning tags from the St. Stephen Fair goes back to 1924! She can give good reasons for her success, too. "I have baked bread as many as four times in a week," says Mrs. Russell. "But it isn't just experience or baking skill that makes you a prize winner. First you have to have the finest ingredients. For rolls and bread my choice is Fleischmann's Yeast. With Fleischmann's I'm sure of quick rising and fine results." That's just what they all say! Prize-winning cooks