

# Agricultural News

P. E. I. Department of Agriculture

**Poultry Industry Committee**

The members of the P. E. I. Poultry Industry Committee met this week with the representatives of the industry and discussed several problems in relation to the marketing of P. E. I. eggs and the setting of standards. It was very evident from the discussion that definite steps have to be taken to insure a quality product for our export markets. The responsibility in this connection is a vital concern to the producers and handlers alike. Without co-operation in all phases of the industry the consumer cannot be assured of a quality product. In view of this fact definite steps will be implemented to carry out the existing regulations.

An interesting discussion centered around the handling and sanitation of poultry crates. The conclusion of the meeting in this respect was that all precautions should be observed in order to prevent the spread of disease through this medium.

The future of the Poultry Industry of this Province is, as stated above, the direct responsibility of all those engaged in this line of work; whether they be producers, processors, dealers or wholesalers. If a concerted effort is put forth, worthwhile progress will be made and desirable markets established for P. E. I. poultry and poultry products.

**Poultry Feeding**

It is general knowledge that an average hen consumes approximately 4 oz. of feed per day. Of this 4 oz. about 60% is required for body maintenance and approximately 25-30% for egg production, and to get highest production and the best quality eggs, one should feed a balanced ration. A balanced ration is a feed which contains the necessary feed nutrients in the correct proportions. No one ingredient contains all the necessary nutrients, and so a combination of feed ingredients is necessary to produce a balanced ration.

In commercial laying mash we find Fish Meal, Meat Meal and Soybean Meal supplying the protein, which is necessary for body growth and repair as well as high quality egg white. The wheat, corn, oats and barley supply the carbohydrates which are necessary for heat, energy and body fat. The limestone and bone meal are supplying mineral, which is required in strong bones and good egg shell. Fish oils and Riboflavin supply the necessary vitamins which the bird needs for health, strong bones and egg shells.

In an egg, we know that the shell is formed by Minerals and Vitamins; the yolk by Carbohydrates and trace elements; the white by proteins. To get eggs of top quality, we must have, above all, good thick white which will hold the yolk in the centre of the egg. Eggs produced from hens being fed a balanced ration will be of top quality, and these eggs will retain this high grade for a long time if kept under good management conditions.

Eggs, on the other hand, which are produced from hens being fed an unbalanced feed, such as a mixture of wheat, oats and barley, will not be of high quality after being held a short period of time. The grain mixture contains very little protein, minerals and vitamins, and so we have poor quality egg shells and a thin white which will not hold the yolk in the centre of the egg, and consequently the grade is lowered. Besides lowering the grade, which may mean the difference between profit and loss, and the ruining of our egg markets, the man feeding the unbalanced ration is getting fewer eggs per hen per year.

In conclusion, it is suggested that you make the best use of the home-grown feeds and yet have a balanced ration; that you purchase concentrates and mix them with your own ground grains in a 1:2 ration to produce a 10% Protein laying mash. This ration can then be fed along with an equal amount of round grain to produce a good economic balanced ration.

**Raising Heifers**

In a study made in New York, it was found that the feed required to raise a dairy heifer to two years of age was as follows: 1,000 pounds of concentrates, 2 tons of hay, 2 tons of silage and 750 pounds of milk. The average amount of man labor required was about 40 hours per heifer. Feed constituted approximately 75% of the cost of keeping heifers to 2 years of age. Man labor was about 12% of the cost. In this study, 927 heifers were used in 1930-31, and 4,844 in 1939-40. It was estimated that the cost of keeping one heifer from birth to two years of age was equal to the combined costs of keeping a heifer calf and a yearling for one year. By using

## CENTRAL GUARDIAN

**JUST ARRIVED** — Cardigans in new spring shades. Kennedy's Ladies' Wear.

**ZION CHURCH Women's Auxiliary** Valentine Tea, and sale of work, also home cooking table, Thursday, February 18th, 4 to 6.

**ARRIVING DAILY** — Spring dresses in prints and plaids. Kennedy's Ladies' Wear.

**ARRIVING DAILY** — Suits, coats, sporties and raincoats. Kennedy's Ladies' Wear.

**THE HUGHES DRUG STORE** will be the only Drug Store open this afternoon and evening.

**CANADIAN Association of Consumers** meeting, City Hall, Thursday 7:30 p.m.

**GOSPEL HALL**, Upper Prince Street special evangelistic services continuing each night at 8 p.m. All welcome.

**THE NURSES ALUMNAE** of the P. E. I. Hospital White Elephant Sale at Cundall Home, February 19th, at 8 p.m.

**SEE THE EXHIBITION** of paintings by Patricia Ann McCurdy of Halifax at Prince of Wales College room 66 Tuesday, Wednesday, Thursday afternoons, Thursday evenings.

**VALENTINE PARTY AT BRADALBANE** — A large crowd attended the Valentine party held in the Bradalbane Hall on Feb. 11, sponsored by the Women's Institute. Games, contests and crokinolee were enjoyed by both old and young. The fish pond and bazaar table were well patronized. A dainty lunch was served by the ladies and a goodly sum was realized.

**ACCEPT POSITIONS IN N. S.** — Miss Eleanor Weeks, Fredericton and Miss Fernie Stetson, Brookfield, left Friday morning for Shelburne, N. S., where they have accepted positions on the staff of Roseway Hospital, Shelburne. Both are graduates from Camp Hill Hospital School of Nursing. Their many friends wish them every success.

**40 TABLES AT PLAY** — Crystal Chapter, Order of the Eastern Star, sponsored a delightfully arranged bridge at the Clover Club on Tuesday evening last when despite the storm there were patrons for nearly 40 tables. The bridge was under the capable supervision of Sister Tess Garrett and her committee.

**CLERK'S ERROR**

**SWALE, England, (CP)**—A clerical error made 25 years ago by a water company resulted in this Kent community being charged for supplies to the neighboring villages of Selling and Sheldwich. The company has sent a cheque for £317 to Swale with "profound apologies."

**IN MEMORIAM**

In loving memory of our dear Father and Husband, Edw. W. Hardy, Alberton, who passed away February 17th, 1953.

Nothing can ever take away,  
The love a heart holds dear,  
Fond memories linger every day,  
Remembrance keeps him near.

Lovingly Remembered by his Wife and Family.

**IN MEMORIAM**

In loving memory of Bonnie Ruth Hodgerson, who departed this life February 17th, 1953.

The month of February again is here,  
The saddest month of all the year,  
For it took you from our home,  
And left us here in grief alone.

Ever Remembered by Husband and Family.

**In Memoriam**

In loving memory of Mrs. Annie Livingston, who departed this life February 14th, 1953.

They say time heals all sorrow,  
And help us to forget,  
But time has only meant to us,  
How much we miss her yet.

Always Remembered by her Family.

**Card Of Thanks**

We wish to thank Dr. Les, Dr. Lanis, Dr. Murchison and Nurses of the P. E. Island Hospital for their kind attention and care of our children during their recent illness.

Mr. and Mrs. Russell Bernard,  
Hunter River.

**Card Of Thanks**

I wish to sincerely thank Dr. J. W. MacKenzie, Nurses and Staff of the P. E. Island Hospital; also those who so kindly visited me and sent flowers, cards, etc., while a patient in the Hospital.

Sincerely,  
Winifred M. Burns, Citv.

**Card Of Thanks**

The family of the late Mr. J. A. McEwen wish to thank all our neighbors and friends for their many acts of kindness during our recent sad bereavement. We wish to thank those who sent flowers and messages of sympathy also.

PRETTYING UP

LONDON (CP) — The Women's Voluntary Services is asking the Women's Institute to contribute plants, shrubs and trees for east coast gardens that were ruined in floods last winter.

## We And Our Neighbours

by  
Buhamah Scheinfeld Frank

WHY IS NEW YORK CITY LIKE P. E. I.?

Remember the riddles of our childhood? Ex. Why is a small boy like a carpet? Answer: The more you beat him, the better he is. (Note: This was before vacuum cleaners and also before modern child psychology!) Here is our riddle for today: Why is New York City like Prince Edward Island? Answer: The more familiar you are with it, the more beautiful it becomes.

I have seen New York at dusk, as lovely as the rose-shaded snow fields of the Island, at the same hour. I have seen stars here, as large and brilliant, in skies as glorious. I have seen sunsets as different points, and at different times, as I have seen the Island, and marvelled at the beauty of both. Today, I shall attempt only an impression of the small fragment of New York City that I can see from my windows.

I live in an apartment house, midway between Broadway and Riverside Drive, on 116th Street (the Columbia University area). My room is on the eleventh floor and there are two windows, almost adjoining. I need only step from one to the other, to see three sides of a vast rectangle, formed by the surrounding apartment houses, and the fourth, by a miraculously lower building that permits a view of a great slice of the Hudson River and the thickly crowded structures of New Jersey, upon its slopes.

Where I immured here for years, I believe I could continue to find new details in the picture spread for my delight. Only this morning, I discovered that I can see plainly the pinnacle of the Empire State Building, miles away (on 34th St.) And it took me a few days to note that the buildings, rising tier on tier in front of me, the nearest just two blocks away, the farthest a mile far distance, to show another though much smaller part of the river, with its boat traffic and the bustling town on its banks.

How can I begin to describe the activities centered on the part of the Hudson that seems to lie just beneath my window? During the day, puffs of purple smoke, and trailing wreaths of gray rise from the Ford Factories on the left.

## Fading Hopes For Separate Parliament in Scotland

(By Ronald MacLurkin)

**GLASGOW (Reuters)**—Scottish home rulers are gloomily watching their hopes fade after some fairly spectacular post-war successes.

Three years ago, the question of a separate parliament for Scotland was on every Scottish tongue. Today, if you mention it to the average Scotsman, he shrugs his shoulders and looks bored.

Temporarily, at least, it looks like a lost cause, destroyed by the acts of extremists.

Yet, around 1950, 2,000,000 Scots out of a total population of 5,000,000 signed a covenant calling for home rule.

Then came the affair of the Stone of Destiny.

On Christmas Day, 1950 a group of young Scottish nationalists broke into Westminster Abbey, London, and removed the historic block of sandstone on which ancient Scottish kings were crowned. They took it to Scotland, from where it had been seized by King Edward I of England in 1296, and kept it hidden for four months.

This was the start of the decline. To many sober-minded Scots who

had willingly signed the covenant the invasion of England's national shrine was distasteful.

Quarrels among leaders of the covenant movement, with the resignation of some of the most respected and responsible of them, hastened the decline.

The ascent to the throne of Queen Elizabeth brought more wildcat action by extreme nationalists.

Members of a mysterious organization calling itself the "Scottish Republican Army" blew up mail boxes. On June 2 — while Elizabeth was being crowned in London — Miss Wendy Wood, 60-year-old nationalist, publicly declared a "Scottish Republic." With a handful of supporters she stood in a public square in Aberdeen reading her "proclamation" to a few amused bus drivers.

**Explosion Plot Broken**

Then, last November, in Edinburgh, four young nationalists were charged with plotting to blow up St. Andrew's House, Edinburgh, headquarters of government departments in Scotland. They were sent to prison for a year for illegally possessing explosives.

Typical of the Scotsman's attitude to home rule today in this comment from a Clyde-side shipyard worker: "I signed the covenant because I thought when it would be a guild thing for us to have our ain parliament. Noo I am not so sure. If these daft lads who go about blowing up things with dynamite got into it and became oor rulers, the country would be ruined in a month."

**RIVERDALE-CHURCHILL W. I.**

The February meeting of Riverdale-Churchill W. I. met at the home of Mrs. Robbie MacKinnon. Roll call was answered by 12 members and one visitor. It was decided to give a pair of flannelized blankets and a quilt to the Arbing family of Parkdale, who lost their home by fire. Plans were made to meet at Mrs. Robbie MacKinnon to make the quilt.

It was decided to send \$5 to March of Dimes and \$2 to T. E. League. Mrs. Kelsie Buchanan had charge of program, consisting of an interesting contest of which 10 members took part, prize being won by five members.

Next meeting is to be held at the home of Joyce MacDonald. Roll call will be answered with a fish pond.

The dusk has given way to the night. The glow of the sun is gone, but hundreds of windows are lighted from within. The curtains of many are undrawn. I see the white head of an elderly gentleman, bent over a book. Two women are sipping their tea (or coffee). A young man is busily typing—two stars have just appeared—that remind me of the great blue ones, on the Island.

## Cereal Variety Suggestions For P. E. Island

OTTAWA—According to figures recently published by the Prince Edward Island Department of Agriculture the cereal crop in 1953 gave the highest average yields ever reported for the Province as a whole. Many factors probably contributed to this increased yield. A favourable season, more general use of fertilizer on the grain crop, use of better quality seed, all play a part in improving yields. Well adapted varieties also have their place in producing better yields. Modern varieties have been developed with a view to providing disease resistance, stronger straw and higher yields. It is true that there is still room for improvement but much has already been accomplished, says R. B. MacLaren, Charlottetown Experimental Station.

For Prince Edward Island generally Abegweit oats has given better yields than any other variety. It matures a few days later than Erban but, for almost all of the Province, it is sufficiently early to be satisfactory. The threshed grain is attractive and hull percentage not unduly high. Moderate rust resistance and some resistance to lodging are also points in its favour.

Erban, still grown by many Island farmers, has much to recommend. Its resistance to crown rust, smut and lodging are among its good points and the yield is only slightly below that of Abegweit. It is resistant to stem rust and lodging and the hull percentage is medium. The kernels of Ajax are not attractive.

Carlier, an early maturing variety with no disease resistance but very high quality grain is also useful where earliness is essential. Beaver and Scotian, the latter recently licensed for distribution in Nova Scotia, are sister varieties of Abegweit but mature slightly earlier and have a little lower hull percentage. Scotian, in particular, is worthy of trial when seed becomes available.

Variety recommendations for barley and wheat are more simple than for oats. Charlottetown No. 80 barley continues to retain its popularity, chiefly because it threshes cleanly, and over a period of years, will give yields comparable to any varieties so far tested. Fort barley, recently distributed

by the Central Experimental Farm at Ottawa, is highly resistant to lodging and yields well but is difficult to thresh cleanly when grown in Prince Edward Island.

Acadia, a new wheat variety distributed for the first time in 1953, has proved very satisfactory in P. E. Island. It is a bearded wheat, medium early maturing and possesses a medium long, strong straw. For several years it has been at or near the top in yield tests conducted at Charlottetown. Several growers have had Acadia milled locally and report favourably on the quality of flour. There seems to be little doubt that Acadia will rapidly replace all other wheat varieties grown in the Province.

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