

# ONIONS

## FOR PICKLING

**7 Lbs**  
**FOR**  
**25c.**

## Vinegar

Best Quality WHITE WINE or CIDER.

45 Cents per Gallon.

## Mixed Pickling Spices

30 Cents per lb.

## Extracts

See our BARGAINS in Lemon or Vanilla Extracts.

## Coffee

Try our CHASE & SANBORN FRESH GROUND COFFEE.

57 Cents per lb.

## Tea

We have large sale of Bulk Tea. Buying in large quantity we can give Splendid Value. Try it.

55c lb. 5 lb. pkg, \$2.65.

## Plums

Don't Forget to get a Basket of Preserving Plums.

Green Gage .....\$1.00  
Other good kinds . . .90

## Preserving Jars

You Will need a few more.

PINTS .....14c \$1.50  
QUARTS .....16c \$1.85  
½ GALLONS .....22c \$2.60

## Biscuits

McCormick's Biscuit

Cocoanut Snacks, 23c lb.

London Mixed . . . 25c lb.

Brown Betty . . . 23c lb.

Vanilla Creams . . 25c lb.

DON'T FORGET OUR LOW PRICES ON PATENT MEDICINES, PILLS AND LINIMENTS.

# YERXA

## GROCERY

### CO.

2 STORES

York St. Queen St.

## REPORT OF THE DIRECTOR OF EXPERIMENTAL FARMS ON THE FREDERICTON STATION

Following is the annual report of Mr. E. S. Archibald, Director of Experimental Farms for Canada, on the Fredericton Experimental Station:

### Animal Husbandry.

**Dairy Cattle**—The herd comprising seventeen Holstein, twenty Ayrshire, twenty-three dual-purpose Shorthorns and fourteen grades has been fully accredited since February 16, 1923. Records were kept of the cost of milk production and the cost of rearing young cattle. Comparative tests were made with roots and corn silage as a succulent feed for dairy cattle. Bull calves from cows having creditable milk records were disposed of to farmers at reasonable prices and the heifer calves were kept in the herd.

**Horses**—The horses at this Station number sixteen, including five pure-bred Clydesdale mares and a two year old Clydesdale stallion—Prolific, C. E. F.—24364. This stallion will be offered for service next season at a reasonable fee.

**Sheep**—The present flock of sheep numbers thirty-eight, all pure-bred Shropshires. The twelve ewe lambs retained for breeding purposes this year are all splendid individuals. A number of choice pure-bred Shropshire ram lambs were disposed of to farmers throughout the province. Records are being kept of the cost of maintaining breeding ewes.

**SWINE**—The swine herd at this Station consists of eight pure-bred Yorkshire sows, and is being steadily enlarged by the addition of selected pigs from our foundation females. The imported boar—Rogersfield Wonder—in use at this Station for the last two years, sired strong pigs and with good bone. The major part of the herd now consists of females sired by him.

### Field Husbandry.

A comprehensive series of experiments testing the value of three, four, five and six year rotations has been carried on for the past two years. An experiment was conducted to determine the relative cost of production and the yields per acre of corn, sunflowers, oats and peas, and turnips when grown under the same conditions. Yield and cost of production records were kept of hay, wheat, oats and barley. Experiments were also carried on testing rates and dates of sowing oats and spring wheat.

### Horticulture.

**Orchard**—The orchard came through the winter in fairly good condition. The crop was about thirty per cent below that of the previous year but the quality and colour of the fruit were better. Spraying and dusting, cultural, fertilizer and variety experiments, begun in previous years, were continued. An experiment was begun to determine the effect of nitrate of soda on the quality of apples.

In the variety orchard a number of undesirable varieties were replaced by new varieties. The most promising variety not previously reported, judging from this year's crop is Sandow. This is a Northern Spy seedling of good quality, colour and size. Its season is from December to late winter. This makes three varieties, originated by the Experimental Farms, that promise to be of commercial importance, viz., Melba, an early apple; Lobo, an autumn apple; Sandow, a winter apple.

**Vegetables**—Variety and cultural experiments, begun in previous years, were continued. From the results of several years experiments, a catalogue of varieties that could be recommended was prepared for the use of seed merchants in the province.

**Potatoes**—The work with potatoes included strain tests, spraying and dusting experiments, cultural experiments, hill selection for improvement of type and yield, experiments to determine the best method of applying fertilizer for this crop, and seed treatment.

Experiments on the method of applying fertilizer for the potato crop show that two thousand pounds per acre, applied in direct contact with the seed, will cause a reduction of the per cent stand and of the total crop. Late blight was very prevalent this year. Experiments on spraying and dusting showed that spraying gave approximately seven hundred and fifty pounds per acre larger crop than dusting.

### Cereals.

Variety tests were conducted with spring wheat, oats, barley, peas, beans and buckwheat. Rod row tests of varieties and strains of wheat, oats and barley, begun in 1924, were continued this year. The superior varieties will be further tested in larger plots. The wheat, oats and barley grown under field conditions consisted entirely of registered stock. This seed was cleaned and sold to farmers throughout the province. Early in the

spring samples of seed grain were secured from twenty farmers representing every section of the province. These samples were tested in the rod row plots using Victory, the variety which has given the highest average yield at this Station, as a check. It was interesting to note that Victory outyielded all other varieties and the named varieties in order. Where the history of the seed was definite, some being "western oats", they proved decidedly inferior to the others.

### The Fredericton District Co-operative Seed Growers' Association.

This association had its inception at this Station in the spring of 1925, when a number of farmers were induced to sow registered seed grain. The association was formally organized in the fall of the same year with headquarters at this Station. Modern grading and cleaning machinery has been installed and between three and four thousand bushels of registered Victory and Banner oats and a small quantity of White Russian wheat and Charlottetown No. 80 barley will be disposed of this year. Previously very little registered seed had been produced in the province and a great deal of inferior seed grain was imported each year.

The production of seed grain fits in admirably in the three-year crop rotation practised by the potato growers. The heavy application of fertilizer for the potato crop and the thorough cultivation given to this crop makes it possible to grow well filled clean seed comparable with the best imported stock.

### Fertilizers.

In view of the extensive use of commercial fertilizers in New Brunswick, problems relating to fertilizers are receiving special attention at this Station.

### Poultry.

Considerable progress was made in the poultry plant during the year. A new house that will accommodate three hundred birds was completed. Fowl typhoid which in previous years caused serious losses in young chicks was largely eliminated by an agglutination test of the blood serum. A considerable number of cockerels, all blood tested, were sold for breeding purposes.

The fifth New Brunswick Egg Laying Contest was completed. The average production per bird was 164.7 eggs. Thirty-two birds qualified for registration.

### Forage Crops.

Variety tests were conducted with corn, sunflowers, turnips, mangels, carrots, sugar beets and rape. Corn breeding work was continued with Twitchell's Pride corn—a flint variety—in order to secure a strain that would retain its present early maturing qualities and yield a higher tonnage of silage. In 1924 Twitchell's Pride seed corn was shipped to Harrow Experimental Station and crossed with Wisconsin No. 7—a dent variety. The hybrid, when grown at Fredericton this year, gave practically the same yield as Wisconsin No. 7 and was decidedly earlier.

Clover seed from different sources was tested for hardness. The results obtained seem to indicate that clover seed from Southern Europe is not suitable for New Brunswick. Farmers should endeavour to purchase red clover seed produced in Canada. The alfalfa experiments seem to indicate that this crop can be grown successfully in New Brunswick. Alfalfa plots which were sown in 1922 has given splendid crops for the past three years. Several acres have been sown under field conditions this year and the results should prove of special interest.

### Fibre Production.

The work included variety tests with flax and hemp. Experiments were also conducted to determine the cost of producing these crops under field conditions. A small flax mill was also installed.

### Apiary.

Experiments on wintering in packing-cases outside versus in cellar, indicated that the best results are obtained from outside wintering. Package bees were compared with overwintered colonies, the honey crop being in favour of overwintered colonies. Experiments carried on to control swarming indicated that either de-queening nine days later, or raising the brood, was effective.

### Illustration Stations.

Sixteen Illustration Stations were supervised from this Station. They are functioning as distributors of good seed, pure-bred poultry and swine, besides demonstrating crop rotations, cultural methods, the value of good seed and the use of fertilizers and soil correctives.

## SIR THOS. WHITE MENTIONED FOR LEADER

(Toronto Globe).

Ottawa, Sept. 30—Toronto may furnish the new Leader of the Conservative party. The Globe was informed today that Sir Thomas White will be invited to accept the position Mr. Meighen is resigning.

Sir Thomas was Minister of Finance in the Government of Sir Robert Borden, and retired from public life with a brilliant record as Minister of Finance during the strenuous days of the Great War, and as Acting Premier during the absence in Britain of Sir Robert Borden. His executive ability and his character are of the highest, and he is respected by people of all shades of political opinion.

As a speaker he has few peers in Canada. His tribute to Sir Wilfrid Laurier following the death of that great statesman was one of the notable orations in Parliamentary annals. He was admired by his political foes because of his "bigness."

### Would He Accept?

The point is, would Sir Thomas accept the party leadership? He could have been Leader when Sir Robert Borden resigned and Mr. Meighen became chief. The Conservatives were then in power, and the question arises, if Sir Thomas refused the honor when the party was in office, why should he accept it when it is in Opposition? His admirers state that the factors which entered into the case then do not obtain now, and it is earnestly hoped by Conservatives that Sir Thomas will see his way clear to return to Parliament Hill.



TO TEACH MUSIC IN CHINA. Miss Anne Lehman, A.T.C.M., of Stouffville, Ont., appointed to the Canadian School for Missionaries' Children at Chengtu, will be the first professional teacher of music in the western half of China. Her work will be with the West China Mission, United Church of Canada.

From what a Kansas paper says the Rev. William Sunday is still active. "He can't hold still long enough to hit a microphone." Just imagine the evangelist trying to broadcast one of his loop-the-loop gestures.

## Time Changes C. N. R. Effective Sept. 27th

Commencing Monday, Sept. 27th, Canadian National Train No. 242 will leave Fredericton at 6.45 a. m. Mondays, Wednesdays and Friday, instead of Wednesdays and Fridays, arriving Saint John 11.45 a. m., same as at present.

Train No. 240, leaving Fredericton at 3.00 a. m. Mondays only and arriving Saint John 7.30 a. m. will be cancelled.

These are the only changes in Canadian National train services in and out of Fredericton effective this date.

## Special Bargains!

LADIES' LISLE HOSE .....25c.  
LADIES' SILK HOSE .....35c.  
MEN'S COTTON SOCKS .....15c.  
MEN'S BALBRIGGAN UNDERWEAR, per garment .....45c.  
LADIES' SILK SCARFS .....65c.  
LADIES' CREPE DE CHENE SCARFS .....\$1.00  
GINGHAM .....12c per yard.  
CURTAIN SCRIM .....10c per yard.  
LOTS OF OTHER BARGAINS.

Call and inspect our Stock. Satisfaction Guaranteed.

**THOMAS E. GEORGE**  
Queen Street West  
Phone 358-11.

# FEEDS

Corn Meal, Cracked Corn, Whole Corn, Bran Shorts, Middlings, Feed Flour, Oat Chop, Oat Feed, Feed Wheat, Scratch Feed, Best Western Oats, Crushed Oats

At Lowest Market Rates.

**G. W. HODGE**

## PALMER'S

### Moose Head Brand Hunting & Fishing Boots

For generations hunters and fishermen all over the continent have appreciated the utter dependability, honest materials and sterling construction of these time-tested boots.

Through bush, streams and the roughest going, these sturdy yet flexible boots will ensure your entire foot comfort. And their wear is proverbial.

Knee High, waterproof with noiseless flexible Sewed-on Sole of heaviest oil-tanned leather.

Hand made to your individual measure.

Send for Catalogue, showing our complete line.

A Boot For Every Purpose

**JOHN PALMER CO., LIMITED**  
FREDERICTON, N. B.

WE HAVE IN STOCK OUR SPRING AND SUMMER SUITINGS OF GRANITES AND SPORTEX TWEEDS, ENGLISH WORSTEDS AND GUARANTEED BLUES AND GREY SERGES. Also a nice line of SPRING O'COATINGS. English and American Style plates. PRICES RANGE FROM \$35.00 TO \$65.00.

**WALKER BROS.**

Queen St. Fredericton

## THE Hunting Season is Now Here

We are Headquarters for

**SPORTSMEN'S SUPPLIES, such as CLOTHING, FOOTWEAR, GUNS and AMMUNITION.**

If you propose going after a moose or deer, let us fit you out. We can supply you with a HUNTING LICENSE and put up your supplies. We are familiar with your needs and have the goods.

Give Your Business to Sportsmen and Get Satisfaction.

**CURRIE BROTHERS**

Call on us for Bargains.