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## MAN OFFERS SELF FOR SPIDER BITE

Winnipeg Jobless Lab-  
orer Would Sacrifice  
Life for Science

WINNIPEG Man., April 20—Life is not easy for Charles Smith, unemployed and on relief. This, he explained, is why he wants to be bitten by a black widow spider if it will help the cause of science and air humanity.

Prof. R. A. Wardle of the University of Manitoba, custodian of a deadly spider, the bite of which sometimes is fatal, will let Smith be bitten "with pleasure" provided he is accompanied by a physician who will take the responsibility.

The spider was captured in a Winnipeg home earlier last week and given to Professor Wardle for experimentation. Smith volunteered Friday to let the black widow bite and repeated his offer when told "it would be extremely painful and might possibly result in death".

Smith said he had been out of work for five years and had no dependents. "I'm only a laborer and no one will miss me," he said. "The experiment would probably result in some good."

But arrangements for the formal bite have not yet proceeded past that stage.

### SPRING TRIOLET

"Some folk call it 'lassitude' . . .  
That's a sweet word, suave and  
sounding!"

Nothing cross and nothing crude  
Some folk call it "lassitude" . . .

"Laziness" rings blunt and rude . . .  
Fact with euphemism rounding,

Some folk call it "lassitude" . . .  
That's a sweet word, suave and  
sounding!"

—Harold Willard Gleason

## Does Your Stomach Rebel After Every Meal You Eat?

**BURDOCK  
BLOOD  
BITTERS**

The bloated, heavy feeling after meals; the empty, sinking, gnawing before meals; the belching and flatulency between meals; the rising and souring of food, all these and more fall to the lot of those suffering from stomach trouble.

Burdock Blood Bitters tones up the membrane lining of the stomach, and restores the natural process of digestion.

Take B.B.B. and get rid of your stomach trouble.

# CLEAN UP-PAINT UP and Make Your Garden Beautiful

## THIRTY-FIRST ANNUAL MEETING

N. B. FRUIT GROWERS, INC.

Reports of A. G. Turney, Secretary-Treasurer,  
and Scott F. Clarkson's Paper on Apple  
Diseases Delivered Today

The thirty first annual meeting of the New Brunswick Fruit Growers' Association, Inc., is taking place at the York County court house today. The report of the secretary-treasurer A. G. Turney which is his twenty-sixth consecutive annual report sketched the condition of apple trees, new planting of apple trees, quality of the crop, advertising of our apples, and amendments to the injurious Insect and Pest Act. Mr. Turney's report follows:

To the President and Members of the New Brunswick Fruit Growers' Association: :

I respectfully submit my twenty-sixth consecutive annual report.

At the time of writing the paid-up membership for 1935 is 160 as compared with 133 for 1934, 210 in 1933, and 192 in 1932. While this is the lowest membership recorded for some years the number of membership fees already paid up for 1936 indicates that there will be a substantial increase in the number of members this year as compared with 1935 and 1934 and may exceed 200.

The supply business of your Association was continued much the same as usual and 1547 orders were recorded on the books. The position of the Association as shown in the Financial Statement and Auditor's Report may be considered as fairly satisfactory.

I will refer as briefly as possible to some of the more important features of the 1935 season.

### Condition of Apple Trees

Without minimizing the injury sustained from the winter of 1933-34 evidence of the good condition of most of our trees at the present time and recovery of producing power is seen in the fact that last year's crop, while still considerably under that of 1933, was approximately thirty percent larger than that of 1934.

Apple trees ripened their wood well in the fall of 1935 and as the winter of 1935-36 has been characterized by a good covering of snow and no prolonged excessively cold periods it is considered that the trees have wintered well and that the coming season will see a further recovery of general vigor and productive power in our orchards.

As an immediate or partial result of the 1933-34 freeze we may summarize observations on the effect on apple growing in this province as follows:

1. A severe set-back to the recent efforts of growers towards increasing their production of late winter varieties but apart from this and the injury to the Fameuse the main productive ability of our orchards was not seriously and only temporarily injured.

2. Loss of most of the older and severe injury to others of the late winter or other varieties which are not of the first hardiness, such as Gravensteins, Northern Spy, Bishop Pippin, Pewaukee, Stark, Ben Davis and Golden Russet. It must be observed, however, that most of these trees were from thirty-five to forty years old and older—about the limit of commercial life in this province for these varieties and were heavily loaded in the fall of 1933.

3. Loss of many of the older Fameuse trees and severe injury to others. Generally speaking, the younger trees of this variety showed less injury. Most of the trees killed or so severely injured as to be practically useless were well advanced in years and bore heavily in 1933. However, the injury sustained and the proved tenderness of the variety coupled with its uncertain keeping quality and decreasing market popu-

larity have about definitely removed it from recommendation for further commercial planting in this province. 4. McIntosh proved definitely to be harder than Fameuse and although it did not escape injury, and bleeding of pruning wounds was quite noticeable, yet the bulk of our McIntosh trees remained in good condition and grew and yielded well in 1935. Consequently, this variety emerges from the test winter of 1933-34 still pre-eminently the first ranking commercial variety.

5. A definite relation was shown between the age of trees and condition as affected by the load of fruit borne or otherwise, and the amount of injury sustained.

6. Heavy injury to one, two or three year grafts of Northern Spy in which the growth was very strong, green and unripened.

7. Sufficient hardiness of such well known late summer and fall varieties as Melba, Dudley and Wealthy. Injury was sustained by Red Astrachan.

8. Of the newer varieties under test Cortland came through practically uninjured and maintained its reputation for hardiness superior to McIntosh. Lobo also seemed to be equally hardy. Less information is available for Sandow and Linda but indications point to Sandow having at least as much and perhaps more hardiness than Northern Spy and to Linda being sufficiently hardy for our conditions. There is still less information available on Macoun as this variety has been under test for a shorter period than any others mentioned.

9. That the ideal late winter variety for our conditions has not been produced yet or if it has not it has not yet had time to prove itself here.

### New Plantings of Apple Trees

Apple tree orders booked by the Fruit Growers' Association up to the present time are double those of last year and will be mostly for replacement purposes. The Government bonus of \$500.00 for replacement purposes allotted last fall, which will amount to 10c. or more per tree, has been of definite assistance and advantage to the growers particularly in view of the comparative shortage and increased cost of nursery trees.

For the most part growers have moved promptly and definitely to fill the vacancies in their orchards and in most cases to make further extension plantings which shows a very gratifying belief and healthy interest in their business of apple growing.

### Quality of the Crop and How Affected by Spraying

The fruit developed a high color, and was remarkably clear of scab and insect damage other than side worm injury from Bud Moth, but showed considerably more spray russetting than for some years. On the whole, however, the quality was quite good. At present, injury from Bud Moth, both to buds and fruit, is causing more loss and degrading more fruit than any other single orchard pest and the control of this insect must

receive more attention from the growers.

Tent caterpillars were in great abundance on wild and uncared for trees and to a great extent completed the destruction of many uncared for farm orchards which was so largely started by the freeze of 1933-34. In well sprayed orchards the Tent Caterpillar outbreak was not a factor.

That there has been room for improvement in our spray calendar and spraying practice has always been evident and experimental and investigational work with the object of developing improvements has been conducted continuously in this province for the past twenty years by the Dominion Entomological Branch.

In addition to emphasizing the damage from Bud Moth which has been evident for some years, the season of 1935 showed up more spray russetting than perhaps we have ever had and in this regard indicated a particular weakness in our present spray calendar and practice. However, this spray russetting varied greatly in orchards and districts pointing strongly to poor practice in the actual application as well as to some danger in the materials themselves.

The Provincial Committee on Horticulture, in its report of January 10th 1936, recommended that joint action be taken by this Division and the Dominion Plant Pathological and Entomological Laboratories at Fredericton, in studying and investigating the possibilities of eliminating spraying injuries in securing control of the apple scab and that the Horticultural Division co-operate with the Dominion Entomological Branch in demonstrating the losses being caused by the Bud Moth and the efficiency of the present recommended control measures for it.

It is expected that the Tent Caterpillar outbreak, which was so heavy last year, will vary in intensity this year in different sections according to the extent of the outbreak in those sections in the past two or three years. The outbreak may still be extensive and serious to forest growth in some sections this coming season. However, as far as apple trees are concerned it will not have any effect on well sprayed orchards but may cause further damage and destruction to neglected ones.

### Marketing of the Apple Crop

Prices on Maritime and Quebec markets for practically all varieties averaged higher than in 1934 and the best since 1930. On our own New Brunswick markets the season opened with a keen demand at good prices which was well maintained until practically all apples were disposed of. Contributing factors to this improved market were the decreased competition from Nova Scotia due to the strong market for their apples in the United Kingdom coupled with a still greatly decreased production in Ontario and Quebec. Locally, contributing factors were the practical elimination as a factor on the market of the small farm orchards through winter killing and neglect and a keener demand outside the province, principally in Quebec, for our apples, thereby increasing the competition within the province.

The New Brunswick markets were well supplied with our own grown apples in all varieties but those late winter and spring kinds of which we have practically none to offer. Last year's report mentioned the opportunity of marketing all our Dudley within the province. This was done in 1935. Truck movement of apples was more active than ever.

In Quebec the opinion has been advanced that a continuation of the good apple market in Eastern Canada may be expected in 1936. This is based on the feeling that while there may be crop increase in Quebec and Ontario yet the production in those two provinces will still be far short of what it was in 1933. However, it is logical to expect crop increase, not only in Quebec and Ontario but also in New Brunswick and Nova Scotia. It would seem therefore, hardly reasonable to expect the improved marketing conditions experienced in 1935 to be maintained completely in 1936. With the return of the English crop to normal or above normal it would seem reasonable to expect that Nova Scotia will market more apples in Canada in 1936 and it is my opinion that competition on Canadian apple markets will definitely be keener this coming fall and winter than last year. The keen demand for apples last September and October resulted in all our Dudley crop being marketed within the province for the first time. (Continued on Page Seven)

## Of Interest to Women

## MILK IS THE BEST NATURAL FOOD FOR ALL AGES OF MAN

Take it from a famous specialist that "For economy, build your meals around milk and wheat. Milk is man's most important food." It is Dr. E. V. McCollum, of Johns Hopkins University, Baltimore, speaking.

What does milk do for you? Well, if you are a woman, you will be interested to know milk is exceptionally good for the complexion, and healthy milk-drinkers invariably have lustrous hair and shiny finger nails. If you are a man, or interested in one, you will want to know that milk increases efficiency, vitality, and energy. It's a great drink for a "pick me up." Children owe strong bones and teeth to milk.

Endless are the ways to serve it. You may eat, drink, freeze or cook it, for breakfast, lunch, dinner, supper and "in between." Crackers and milk, bread and milk, cereal and milk, egg nogs, milk shakes, malted milks, milk punches, sherbets, ice cream, mousses, puddings; milk soups, chowders, omelets, pies, rolls, muffins, breads, cakes, cookies, sauces, scallops, souffles. The list of milk dishes marches by like a great parade.

Science and the law watch over milk like the precious jewel of health that it is—testing and inspecting dairy herds and the farms on which they are kept; strict enforcement of regulations for handlers of milk and containers in which it is kept or delivered; pasteurization for freedom from bacteria; constant study in laboratories and schools for improvements and new uses to benefit you and me.

Milk is pure nutrition as well as pure deliciousness. You can get thin on it or fat on it, depending on the rest of your diet and whether you want to take off or put on pounds. Here are a few examples of the many ways in which milk, the remarkable food, may serve you.

### Cream of Carrot Soup

4 large carrots, 1 small onion, 1-4 teaspoon sugar, 1-2 teaspoon salt, 4 tablespoonsful butter, 4 tablespoons flour, 4 cups milk and salt and pepper.

Method—Wash and scrape carrots slice and place in pan with the onion, sugar, salt and enough water to cover cook until carrots are tender; press through sieve and measure—should have about 2 cups thin pulp. Make a cream sauce of the butter, flour milk and seasonings. Combine two mixtures. Sprinkle a little cut parsley on each serving.

Chocolate Meringue Pudding  
2 cups brown sugar, 5 tablespoons grated chocolate, 5 tablespoons grat-

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CHICKS TO HAVE  
STARTENA  
THE FEED WITH  
PUR-A-TENE  
IN IT!



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& Son  
Fredericton, N. B.

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mold to set. Unmold to serve with whipped cream and sections of orange.

**Creamed Peas and Sweetbreads**  
4 tablespoons butter, 2 tablespoons flour, 1 cup milk, 1-2 cup cream, 1 cup cooked peas, 2 sweetbreads, salt and pepper, patty shells. Method—Melt butter, blend in flour, add milk and cream and cook until thickened; add peas and the sweetbreads which have been cooked and cut into cubes. Season as desired and serve in patty shells or over hot baking powder biscuits.

Smalts—I "eat" six eggs for breakfast this morning.

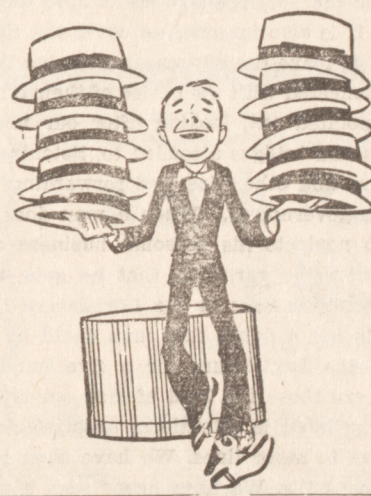
Clatts—You mean "ate."

Smalts—Well, maybe it was eight.

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which means particularly THIS SPRING for

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