



Experienced mothers say Zam-Buk is best for children's injuries and skin troubles, because:

It is herbal—no poisonous mineral coloring.

It is antiseptic—prevents cuts and burns taking the wrong way.

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It heals every time.

Just as good for grown-ups.

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New Man

If you are suffering from dyspepsia or other stomach trouble, you will appreciate a medicine that will relieve and correct your condition.

HAWKES' DYSPEPSIA CURE

regulates and invigorates the digestive organs, prevents acid fermentation and souring in the stomach, and promotes digestion and assimilation of the food.

Try this extraordinary medicine—it will make you feel like a new man.

Sold at all drug and general stores, 50c
The Canadian Drug Co., Limited
St. John, N.B.

Dyed Her Faded Skirt, Also a Coat

"Diamond Dyes" Make Shabby Apparel Just Like New—So Easy!

Don't worry about perfect results. Diamond Dyes are guaranteed to give a rich, brilliant color to any fabric, whether wool, silk, linen, cotton or mixed goods—dresses, blouses, stockings, skirts, children's coats, draperies, everything! A Direction Book is in package. To match any material, have dealer show you "Diamond Dye" Color Card.

1249 — 600 Branches — 1919

The Royal Bank of Canada

Farmers' Sons and Daughters have great opportunities to-day.

They never had better chances to make and to save money. Now is the time to lay the foundation of future prosperity by cultivating the habit of thrift.

There is a Savings Department at every branch of this bank. The staff will be glad to show you how to make the best deposit.

CAPITAL AND RESERVES \$33,000,000
TOTAL ASSETS \$47,000,000

The Use Of Nitro-Cultures

In the report of the Dominion Botanist for the year ending March 31, 1915, he says:—"During the last month of the year", viz., December 1914, "it was deemed advisable for this division to prepare nitro-cultures of alfalfa, red clover and peas for distribution to the branch farms."

Such was the genesis of the present system of free distribution of nitro-cultures to farmers, begun in the following season of 1916, and now entering its fifth year.

The branch farms, by their example and reports, and the ocular demonstration to visitors given in the condition of their leguminous crops, started the demand of the farming public for these cultures, which is our endeavour to stimulate, guide, and, to the best of our capacity, satisfy.

For the benefit of these farmers, who have not yet studied this question, we propose to briefly explain the term "nitro-culture."

Since the time of the Romans it has been known that the introduction into a crop rotation of a legum plant is, one of the plants belonging to the family Leguminosae, of which the most important members from the farming view point are clover, peas, beans, and vetches, somehow or other, greatly benefited other crops. It is only within the last few years that the explanation has been discovered.

The Legumes, as a family in the vegetable kingdom, generally bear on their rootlets small nodules or bumps, of the size of a pin heads upwards. Microscopic study has shown that these nodules contain numerous small organisms, known as bacteria. These organisms belong to a particular group with a number of definite strains, each strain apparently confining itself strictly to a particular plant or group of plants. A long series of subsequent experimenting has proved that these bacteria convert the nitrogen of the air into a chemical form which the plant or group of plants can readily assimilate. The association is short of plant and bacteria is decidedly beneficial both to the legumes and the soil. The net result, at the end of the season, is a valuable addition of nitrogen to the farmer's field, at practically no expense.

Now "nitro-cultures" are simply collections of these bacteria ready to be sown. The proper bacteria are isolated from all others, grown on artificial soil, consisting of a jelly made from an oriental seaweed mixed with chemical salts, and then sown for sending out.

The farmer, when he receives the cultures, breaks up the jelly, shakes it up with some skim milk or sugar water, and wets his seeds with the resulting liquid. This distributes the bacteria over the seeds, which, when dry, are sown; and, so, plant and bacteria are brought into intimate contact from the very commencement of growth.

Nitro-cultures are prepared by the Division of Botany for alfalfa and sweet clover, red and alsike clovers and peas, and are put up in bottles containing sufficient bacteria for the treatment of about a bushel (50 lbs) of seed. Cultures are supplied free to farmers on application to the Division of Botany, Central Experimental Farm, Ottawa, Ontario, on their stating the crop for which culture is required, and the quantity of seed proposed to be treated. Only three bottles in all, however, can be supplied to any one applicant.

Farmers Of Nova Scotia Organize Political Party

Truro, N. S. April 14.—At the opening session of the farmers' convention held here today the resolution passed previously at Kentville that the farmers of the province form a political party to be known as the United Farmers of Nova Scotia was unanimously endorsed. The constitution of the United Farmers of New Brunswick was subsequently adopted provisionally.

J. J. Morrison, secretary treasurer, United Farmers of Ontario, outlined the progress of farmers in Upper Canada. From a membership of 242 at the first annual convention six years ago their membership is now 68,000 working jointly with the U. F. O., they have the farmers' co-operative association which handled trading interests.

The election of officers was as follows:

President—Harry Taggart, Fort Belcher.
First Vice-President—A. E. McMillan, Kentville.
Second Vice-President—Dr. Nicholson, Coxheath.
Secretary—F. A. Chipman, Nictaux.
Directors: At Large—V. E. Leonard, Glace Bay; H. A. Robinson, Chatham; J. A. McDowell, Inverness; Wm. O'Brien, Windsor; D. D. McKenna, Miramichi.

Overland Has Real Sensation

Interest is Attached to Beautiful New Light Overland Four

Distinctive in body lines and of unusual quality in mechanical achievement, the new Overland Four models of the Willys-Overland Company are a feature of the automobile show.

The new Overland Four marks the greatest advance in years in light car construction. The models displayed are attracting unusual attention because of new engineering ideas which provide high priced car comforts at small operating and maintenance costs.

Salesmen in charge of the Willys-Overland booth in the automobile show are besieged constantly with questions concerning three-point suspension triplex springs which give the Overland Four models a cushion between road shocks and the car body, providing a riding comfort hitherto unknown in light cars.

This particular improvement, an exclusive Overland Four feature, is regarded as the most notable achievement of automobile engineers in years. Some have termed it the greatest improvement in motor car comfort since pneumatic tires.

The interest manifested in the Overland Four touring models is emphasized with earnest admiration over the Sedan models. The Sedans are finished in Copenhagen blue; the body lines are beautiful. The sedan models are making special appeal to women.

Overland Four not only satisfies the demand for a light, economical, comfortable car, easy to handle in traffic, but it is in every particular a quality car. Light weight and reliability could not be combined with out the best of materials.

The triplex springs, for example, are of chrome vanadium steel. The front axle, steering gears and arm, the steering knuckles and knuckle arms, propeller shaft, axle shaft, transmission gears, axle drive, gear and pinion, clutch shaft, valve tappets and all important keys and bolts are of alloy steel.

The frame of the car is of heavy 3-1/2 inch steel pressed into channel, form 3 1/2 inches deep and 1 1/2 inches wide. The body of the car is of heavy pressed steel. The fenders also are of heavy pressed steel. It is only because of this all steel body that the Willys-Overland Company is able to give it that high gloss, permanent finish.

Quality in Overland Four goes further than materials. It applies to design which has given that perfect balance that means years of life to the car and economy of operation and upkeep.

For Sale and on Demonstration by Wm. J. Hogan, Newcastle, N. B.

Sulphide Pulp And Paper Mills For Province

The Frasers have sprung so many startling deals in the lumber industry lately, that people have become accustomed to the magnitude of their transactions and anything new from them, no matter how great or extensive its scope, is received as a "matter of course," and causes but little commotion in the industrial world.

A bill, entitled "An Act to Incorporate Fraser Paper Company, Limited," was introduced to the Legislature last week, which embodies a project that will doubtless prove the greatest yet undertaken by the Frasers. The capital stock of the proposed company is placed at \$5,000,000, divided into 50,000 shares of one hundred dollars each, but the company shall have power from time to time, to increase their capital stock to the sum of \$10,000,000.

It is the purpose of the Fraser Paper Company, Limited, if granted authority by the Legislature, to establish a power plant at the Tobique Narrows "to generate, manufacture, use, develop, transmit, store and sell electricity, electric, pneumatic hydro electric and other forms of power, to use, sell, and otherwise acquire and dispose of, store, transmit and other wise deal in and with hydraulic power, electric light, for any and all commercial and other lawful purposes."

—Paper Mills
Along with the power plant there

EAGLE 1921

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