

SPRAYING OF POTATOES

Absolutely Necessary to Prevent Blight and Rot.

How to Fight These Fungus Enemies
—Directions for Spraying—Must Be Timely and Be Thoroughly Done.

(Contributed by Ontario Department of Agriculture, Toronto.)

Potatoes are sprayed to prevent such fungus diseases as Early Blight and Late Blight and Rot. Efficient spraying depends upon an understanding and appreciation of what fungus diseases are.

Fungus diseases are caused by plants known as fungi. These plants, unlike ordinary flowering plants, have no green coloring matter (chlorophyll), and are unable therefore to manufacture their own food. All their nourishment must be obtained from decaying animal or vegetable remains or from living animals or plants. Those fungi which derive their nourishment from living plants injure them in so doing in various ways, and thus give rise to what are known as fungus diseases.

Late Blight and Rot is the most destructive disease of potatoes in Ontario. In wet seasons it frequently destroys a very large proportion of the crop and causes a loss of many thousands of dollars to the farmers of the province. This is to a large extent a needless loss, for Late Blight and Rot can be prevented by timely, thorough and intelligent spraying with Bordeaux mixture. This has been proven by numerous field experiments both in this country and the United States. Spraying every year is an insurance. Can you afford to neglect it?

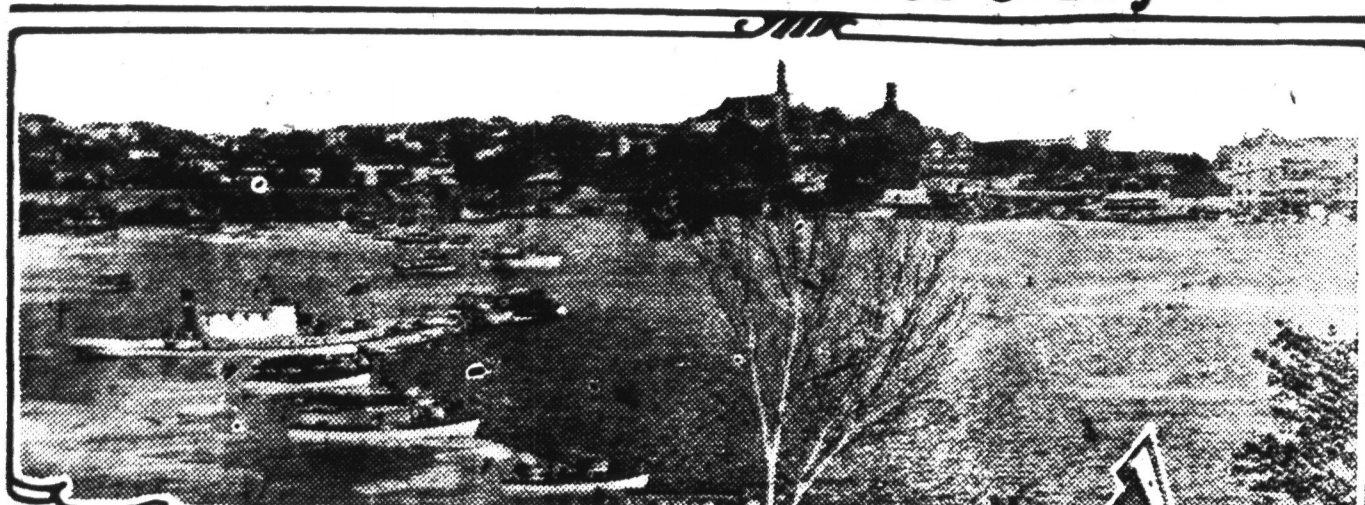
Directions for Spraying.—Spray with Bordeaux mixture, strength 4 to 6 pounds of copper sulphate (blue-stone) and 4 pounds of lime to 40 gallons (imperial) of water. Commence spraying with Bordeaux throughout the season. Forty to 100 gallons of the Bordeaux mixture will be required for each application, the amount to be used depending upon the size of the plants. Take special care to see that the spraying is very thoroughly done if the weather is at all damp about the 15th of July, as Blight often begins at this time. Add a poison when necessary for Potato Beetles—arsenate of lead paste 3½ pounds to each 40 gallons of the liquid spray or Paris green 2 pounds to 40 gallons or a mixture of 2 pounds of arsenate of lead paste and 1 pound of Paris green to 40 gallons. From three to seven applications should be made, depending upon the season; the wetter the weather the larger the number. Do not put off spraying because it looks like rain. If the spray is on the plants half an hour before the rain comes it will be dry and sufficient of it will stick to prevent infection, which takes place during or soon after rain. Spraying as described above should prevent not only Late Blight and Rot but also Early Blight and Potato Beetles. For Late Blight and Rot only, it is not necessary to commence spraying until about the 10th of July, but in Ontario it is usually advisable to spray for all three.

A hand pump barrel sprayer can be used for small lots of potatoes. Most men who grow any considerable acreage of potatoes consider that a power potato sprayer is a good investment. The best results from spraying are obtained with machines fitted with T-joint attachments so as to insure covering both surfaces of the leaves at each spraying. Efficient spraying of potatoes depends:

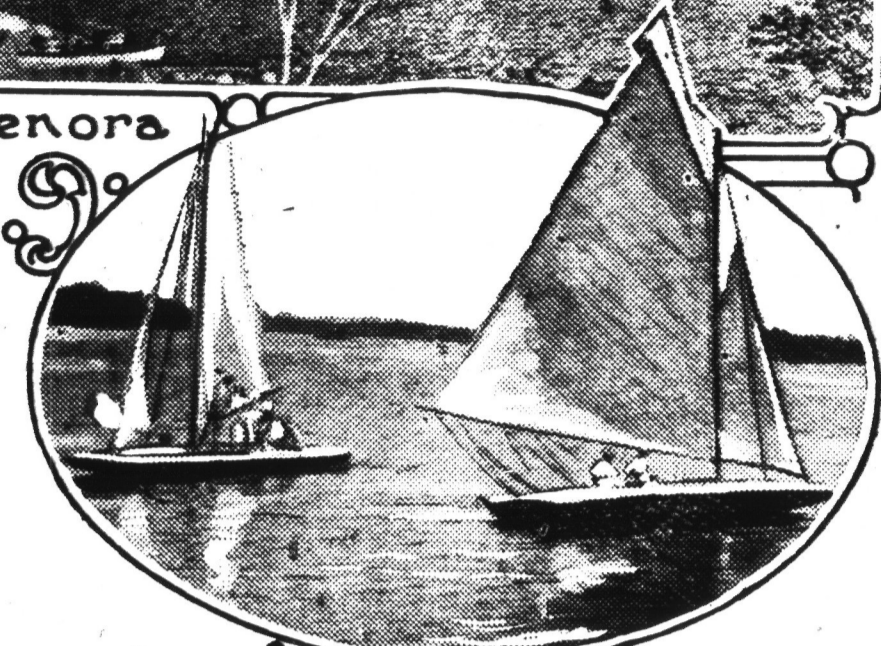
1. Upon the use of the proper fungicide. Bordeaux mixture has so far proved to be the only satisfactory spray mixture for potato diseases.
2. Upon timely and repeated spraying. Spraying should be commenced when the plants are from six to eight inches high, and repeated at intervals of from a week to ten days throughout the growing season. From three to seven applications will be required, the number depending upon the weather, the wetter the weather the more frequent the spraying.
3. Upon the liberal use of Bordeaux mixture. Thorough spraying can only be done when sufficient of the spray mixture is used. From 50 to 150 gallons of Bordeaux mixture should be used per acre at each application. When the plants are large not less than 100 gallons per acre should be applied.
4. Upon thorough spraying, which means the covering of every portion of the plant.
5. Upon spraying before rather than after prolonged rainy periods. Infection of the plants takes place during or soon after rain. Therefore it is of the utmost importance to have the spray mixture on the plants when the rain comes. If the spraying is completed half an hour before rain sufficient of the Bordeaux will stick to prevent infection. If the spraying is left until after prolonged rain infection will take place before the Bordeaux can be applied to the plants. Putting off spraying because it looks like rain is one of the most frequent causes of failure to obtain results from potato spraying.—J. E. Howitt, O. A. College, Guelph.

Dig out borers from trunks of peach trees.
Spray underside of rose leaves with nicotine sulphat to kill Leaf-Hoppers.
Grass, clover, alfalfa, or fall sown rye, are usually ready for pasture now.
Watch carefully pear trees and young apple trees for Blossom Blight. Break off infested part. Repeat every second day till danger is past. Disinfect tools and any cuts made.

'Kenora' A Summer's Idyll



Regatta Day - Kenora



Kenora, Ont. - Out for a Spin

There are some places which never lose their charm as holiday resorts, and which as the seasons pass attract visitors as a magnet does the needle. Such may be claimed for Kenora and the Lake of the Woods.

This lovely spot is within easy access to all, situated as it is on the main line of the Canadian Pacific Railway in the beautiful Province of Ontario.

The Lake of the Woods is a perfect earthly Paradise, thronged in its thousands of islands, most of which are owned by private Canadian citizens who spend their summers there leading the simple life.

A splendid way to see the beauties of the Lake of the Woods is to make a stay at Kenora, and from there hire a motor launch and go sailing among the islands. The Lake is studded over by a perfect archipelago, the islands numbering several thousand, some mere islets of jagged rock, others being several miles in extent on which are built pretty bungalows and camps.

Most of the islands are thickly timbered, the trees growing to the water's edge, and in the early summer months water lilies, both golden yellow and pure white are found everywhere. Blueberries and other wild fruit also grow abundantly on most of the islands, hundreds of pounds being picked by the Indians and shipped to the different cities for consumption.

Kenora itself is a pretty little town built on the lake front, commanding a splendid view of the lake. It has a large number of stores, a Public Library, and is lit by electricity. The Tourist Hotel, in the Main Street, gives tourists every comfort.

There are camps on several of the

larger islands run by the Y.M.C.A. and the M.L.A. of Winnipeg, where the tourist can have accommodation at reasonable rates, while on Coney Island there is a fine sandy bathing beach, and pavilion for dancing.

Happiness seems to be the dominant note at Kenora and its vicinity, everywhere one meets parties of young people on pleasure bent; boating, bathing, or picnicking, and the stillness of the air is broken only by merry laughter, or the song of the birds.

The district is much frequented by artists, photographers, and sportsmen, each finding a wide field for his particular bent. The lake is a perfect angler's Paradise, many a trout being landed before break of day to provide breakfast for the campers. Here too in their season are to be found moose and bear, as well as other big game.

A short distance out of Kenora is

an Indian Reserve, which is a never failing source of interest to tourists who wish to see the Red Men in their native woods.

A few miles out of Kenora are the little towns of Norman and Keewatin, both of which are within walking distance, the road winding on the hillside affords an uninterrupted view of the lake, every bend opening up new beauty spots.

Who can ever forget the glorious moonlight on the Lake, the intense stillness broken only by the dip of an oar or the throb of a motor boat, when the shadows deepen on the islands, and "when the moon sees her unwrinkled face reflected" in the blue water? Kenora is redolent of romance, is indeed like a tone poem of perfect music where there is no discordant note, and where as each evening closes one can say, "We have come to the end of a perfect day."

Clergymen Who Marry Must Be Registered

New Ruling Comes From The Provincial Secretary.

In the future all clergymen who perform a marriage ceremony will have to be registered with the Provincial Secretary. This is the result of the bill to amend the Marriage Act which passed at the last session of the Legislature.

And the penalty for any clergyman marrying two people without being registered is a fine of \$500.

It is the intention of the Government to keep track of all clergymen who solemnize marriages and whenever the Provincial Secretary is satisfied that the person registered to perform the marriage ceremony has ceased to possess the qualifications entitling him to be so registered the registration will be revoked.

This act comes into force about July 15th, after proper proclamation by the Lieutenant-Governor. It is expected that by that time all ministers and those entitled to perform the marriage will have been registered. Registration need not be made personally but the ecclesiastical authority or authorities of the church, religions denomination or congregation to which the party belongs may do the registration.

Issuers of marriage licenses, who in the past have been mostly jewelers, can carry on for the next couple of months. After that it is the clerk of the municipality who is to be the issuer of licenses or someone he designates in writing as his assistant.

W. A. Charlton Is New Privy Councillor

Ottawa, May 30—W. A. Charlton, M.P. for Norfolk, has been sworn in as a member of the Privy Council. Hon. Mr. Charlton, who has passed his 80th birthday is the oldest commoner in the chamber and his rank of privy councillor gives him the right to use the title "Honorable" for the rest of his life. Hon. Mr. Charlton has sat for Norfolk since 1911 and previous to that he had been a member of the Provincial Legislature for some years.

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DAVID E. KELLY
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Visiting Brethren Welcome.

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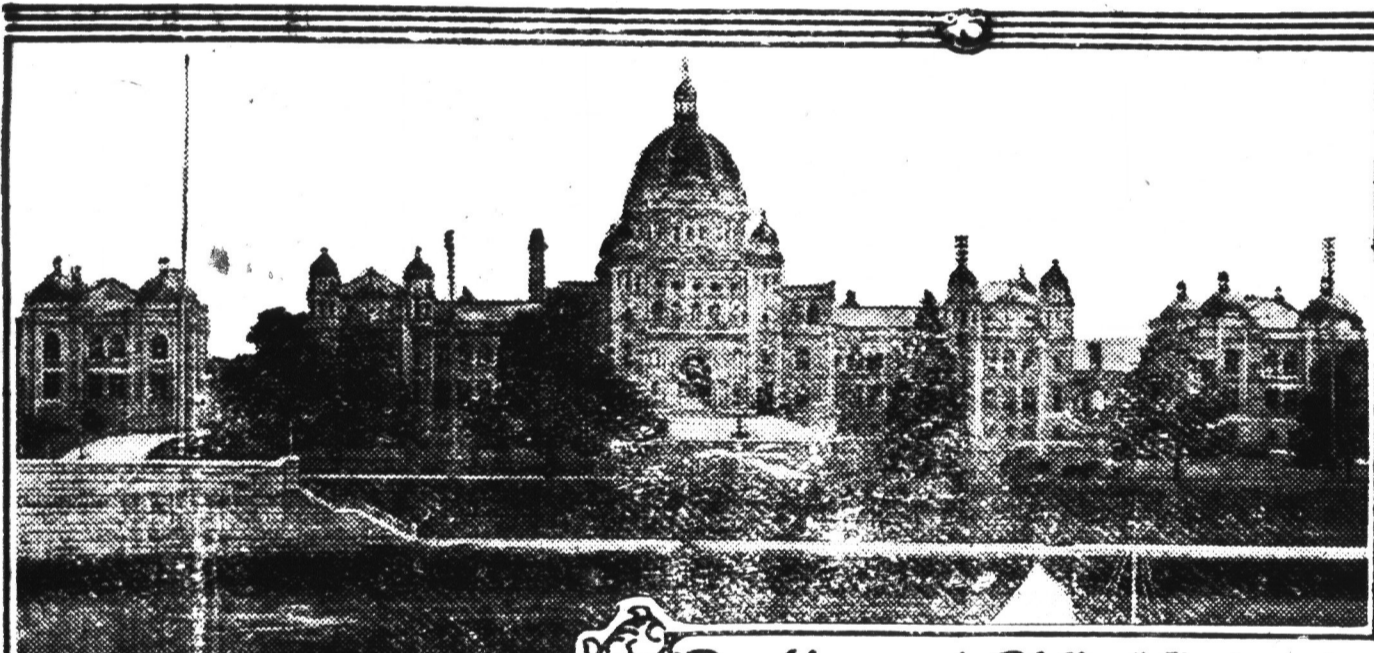
Executors' Sale

In order to wind up the estate of the late Anthony Jaques, there will be offered for sale by Public Auction
At the Commercial Hotel in the Village of Jarvis, on Saturday, 4th day of June, 1921 at 2:30 P.M.
The farm property owned by the late Anthony Jaques, being composed of Part of Lots One and Two in the Sixth Concession of the Township of Walpole in the County of Haldimand, containing 60 Acres more or less.
The property will be offered subject to Reserve Bid.
TERMS OF SALE—10% of the purchase money to be paid on the day of sale and the balance within thirty days thereafter with interest.
Further particulars and conditions of sale will be made known at the time of the sale, or may be had on application to S. E. Lindsay, Hagersville, Ont., Solicitor for the Executors.
Dated 4th May, A.D. 1921.
WILLIAM JAQUES, Executors.
THOMAS BOUSFIELD, Executors.
By S. E. LINDSAY, their Solicitor,
JOHN DEMING, Auctioneer.

Notice to Creditors

In the Estate of Michael Wedrick late of the Township of Walpole, in the County of Haldimand, Gentleman, Deceased.
PURSUANT to the Statutes in that behalf, notice is hereby given that all persons having claims against the Estate of Michael Wedrick, late of the Township of Walpole in the County of Haldimand, Gentleman, deceased, who died on or about the 2nd day of December, 1920, are required on or before the 2nd day of June, A.D. 1921, to deliver or send by post, prepaid, to S. A. Thompson, Esq., Nanticoke, Ont., Agent for Effie Mabel Hodges, the Administratrix of the said Estate, their names and addresses with full particulars of their accounts duly verified by affidavit, and the nature of the securities, if any, held by them.
And take notice further that after the said mentioned date the Administratrix will proceed to distribute the assets of the said Estate amongst the parties entitled thereto, and will not be responsible to any person or persons notice of whose claim shall not have been received by such date.
Dated at Nanticoke this 4th day of May, A.D. 1921.
EFFIE MABEL HODGES,
Administratrix of said Estate,
Nanticoke, Ont., R.R. No. 1.

THE CITY OF VICTORIA



Parliament Bldg, Victoria

The charming city of Victoria, on Vancouver Island, the portal to the Pacific, the ocean gateway to the Orient, is one of the most favored spots in the world in beauty of situation, equability of climate and magnificence of scenery. Surrounded by water on three sides, the city is situated in a setting of low-lying wooded hills, in a foreground or the loftier ranges of the Island Cascades. Across the Georgian Straits, the Olympian range is distinctly visible the crowning glory of the scene being Mount Baker, which lifts its dazzling cone in solitary splendor, to a height of 11,000 feet.

Victoria is recognized as possessing one of the finest climates in the world. The winters are very mild and the summers cool. In May and June Victoria is especially enchanting with the gardens of roses, hedges of laurel, bushes of sweet brier. In the stately groves, the air is laden with the pungent odor of the pines. The city is approached through a channel of wooded islands. On the left stretches the harbor, sheltering craft from all climes. Directly in front, behind a crescent-shaped embankment, the Empress hotel stands out from its surroundings of lawns and gardens. This stately C.P.R. hotel could not better have interpreted the character of the city.

Victoria is the new home-centre for hundreds of English folk, a reminder of the British Isles in Canada. Rockland avenue, with its lovely



Scene - Beacon Hill Park, Victoria

homes and enclosed gardens, is one of the most picturesque winding driveways in the city. To the motorist, Victoria is the gateway to the land of pleasure, for Vancouver Island is encircled by miles of excellent roads and pleasant scenes. There are many places of interest—the Dominion Experimental farm at Bajan Bay, the high explosives works at James Island; the big cement plant at Tod Inlet;

the provincial prison farm; the naval station at Esquimalt; the cosmopolitan and meteorological observatories, and numerous mountains and lakes. The trip over the Mahahat Mountain is one of the most famous expeditions the tourist can embark upon. Within easy access to the city are innumerable beaches. A pleasant memory picture is the view obtained from the yacht Clubhouse overlooking Cadboro Bay.—C. G.

June Rod and Gun

Followers of Isaac Walton will look forward to the June issue of Rod and Gun in Canada, which is now on sale at the news stands. In this number there are five fishing stories and articles by such well known authors as A. Bryon Williams, F. V. Williams, S. C. Cain, Robert Page Lincoln and S. H. Howard. "The Silver Doctor," an interesting story of fishing in the Shekak Canyon, is worthy of especial mention. The hunter and firearms man has been well looked after in this issue by C. S. Landis, the guns and ammunition expert. In

addition to this feature, the latest proposed amendments to the firearms permit laws are published in full. Conservation, Kennel and the other departments are up their full standard. Rod and Gun in Canada is published by W. J. Taylor, Limited, Woodstock, Ont.

Postmasters have recently been notified by the Postmaster-General at Ottawa that "Lost," "Strayed," "Stolen," and other notices usually seen in a post-office are illegal. Postmasters are warned against allowing notices other than Post Office notices from being exhibited in the lobby of the Post Office.

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