Saint John, N. B., August 23, 1935

THE MARITIME BROADCASTER

FIFTEEN

ZAGRICULTURE Z

Hints Given On **Spraying** For Late **Blight Of Potatoes**

Started When Plants Are Six To Eight Inches High.

By R. R. HURST, Dominion Lab. Plant Path., Charlottetown, P. E. I.

As a general rule spraying to prevent late blight should be started when the plants are six to eight inches high and repeated at intervals of two weeks. Four applications are considered sufficient in Canada, except in the Maritime Provinces where it may be necessary to spray at ten-day intervals, repeating five or six times for Irish Cobblers, and six to eight times for Green Mountains. Before the spraying season begins, go carefully over the sprayer, checking up on such items as pump packing, hose connections, Some Points To Be rust accumulations in the nozzles,

Power sprayers apply approximately 80 gallons per acre. If hand sprayers are used it is ad- Enough Water and Air Are portant to avoid cultivating, visable to give the field two sprays in opposite directions on each occasion, the second application being made as soon as the first is dry. In this way about 80 gallons of spray will be used per acre. Lighter applications than this will probably prove disappointing. The hand powered outfits.

The spray most commonly used

THE AGRICULTURAL FAIR Since the dawn of civili-

zation, the agricultural fair has been regarded as a big social asset, a factor quite apart from the facilities for trade and barter and the enlarged educational outlock consequent on the new things seen and heard.

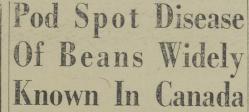
Modern invention may claim to have displaced many methods of an older generation, but the radio, the telegraph, the motor cor and every other modern invention seem merely to have conspired to solidify the wisdom of the ancients in providing the thrill of an ever-widening social circle and the opportunity for a generous education through personal experience in the agricultural fairs of today.

cracked fittings, etc., and replace useless discs with new ones. Re-useless discs with new ones. Re-

Main Requirements

For Growth.

By Press and Publicity Division, Department of Agriculture, Ottawa, Ontario.



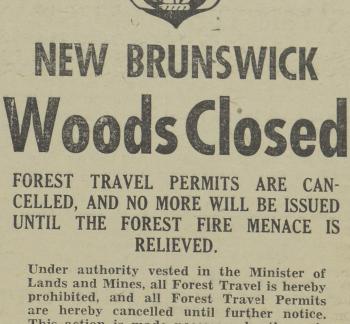
Caused by Fungus Attacking Pods, Stems and Leaves.

> By R. R. HURST, Dominion Lab. Plant Path., Charlottetown, P. E. I.

Bean anthracnose, or pod spot, is widely distributed in Canada. It occurs upon field and garden varieties and is caused by a fungu swhich attacks pods, stems and leaves. The most conspicucus symptoms are the small, brownish or purplish, eventually dark and sunken spots on the pods. These spots frequently join together and form irregular sunken areas. In these spots the fungus produces thousands of spores which stick together when dry but separate when wet. Usually the fungus penetrates the pods down to the seeds causing their

sprayer thoroughly before putting it away for the winter. Regarding Plants recommends crop rotation, good drainage and weed eradication as safety measures to reduce the recommends crop rotation, good safety measures to reduce the severity of anthracnose. It is imworking among or picking the beans during wet weather, for this disperses the spores from color, may either be syphoned or are heard to remark that they plant to plant and sets up new filtered off. centres of infection.

disease first emphasis must be prepared satisfactorily with or- worse under Stevens, so they give In the management of plants in placed on the production or use of dinary kerosene and it is unnec- thought to voting for the Reconthe home there are many points anthracnose-free seed as follows: essary to add any other chemicals. struction party. spray machine should be driven that call for attention. Some- Sort out the diseased pods by For household use, however, to It will be hard to root out the slowly at all times, particularly times a plants does not grow well hand picking; select seed from remove any possibility of staining Grit and Tory ideas, but stranger because of lack of food. In that anthracnose-free pods and main- fabrics or furniture, water-white things than that have happened case, so long as the roots have tain a seed plot for the produc- kerosene should be used, and, in in politics and the ideals of Mr. is known as Bordeaux mixture not become bound there is no tion of disease-free seed; procure order to impart a pleasant odor, Stevens may take with the people and is made up as follows: Cop-per sulphate (bluestone), four need to re-pot the plant. Indeed, seed from localities in which an-neucles lime (bydrated or prop-hett and Mr. King. At any rate pounds; lime (hydrated or prop-check to its growth, and the best in mind also that it is highly im-check to its growth, and the best in mind also that it is highly im-collon. The spray should be kept, paign, and when the votes are erly slaked stone lime), four pounds; water, 40 gallons. To ob-tain the best possible solution the lime and bluestone are first disspores carried over by the wind. strength, as the active principle the strength of the different Correct watering is also an im- Seed treatment has not proved of pyrethrum easily evaporates. parties. two solutions mixed together in portant procedure. Provided the satisfactory, simply because the For use against bedbugs the adthe most dilute form possible, otherwise a heavy precipitate will form and clog the pozzles. The water should be applied until it form and clog the pozzles. The to the satisfactory, simply because the impair germination and do not cresol to each gallon of spray in-Are Being Put In Operation form and clog the nozzles. The runs through the bottom of the penetrate the seed sufficiently to creases its effectiveness. The Are Being Put In Operation Division of Botony of the Do-pot. Too frequent watering is destroy the parasite. Spraying spray should be applied in the commends the preparation of often a cause of non-success be- with Bordeaux mixture provides form of a fine-mist by means of discounts, rebates, etc.— are now commends the preparation of cause the water wets the soil so a fair measure of control provided a small hand sprayer. Bordeaux mixture from "stock much that the air cannot pass the applications are begun soon. There are a number of propriesolutions." Farmers and garden- through the mold or earth. To after the plants have appeared tary fly sprays on the market ceived from business men as to ers, therefore, who are not famili- provide proper drainage, the hole above ground and continued at similar in composition to the one the method of enforcement. In at the bottom of the pot must not intervals of ten days until the described above, which may be point of fact, the Dominion Gov-



This action is made necessary by the seriousness of the forest fire hazard. Due to the very dry conditions prevailing for some weeks fires already started have burned into the soil making it difficult to fully extinguish them. Every precaution must be taken to prevent further outbreaks. Violators of this order are subject to im-

mediate arrest by fire wardens, or other officers in accordance with the regulations of the Forest Fires Act.

> F. W. PIRIE. Minister of Lands and Mines.

August 15, 1935. Department of Lands and Mines, Fredericton, N.B.

In attempting to control this use in farm buildings, it may be that things could not be any

have little to hope for from either When the spray is required for the Liberals or Conservatives and

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ed unless l by the nee with in. ompanied chartered it of Pub-cent. of or Bearer anada or Railway compan-ed as to e Domin-nentioned if requir-int. rough the ll supply n of the chartered f \$10.00, k cheque it will be up prints int from the from

oINS, cretary

rks, (8-30)

It must be understood that suc-

ized unless the leaves are com-

with Britain an order for 99 new time would check growth. lorries, costing £118,828 (\$594,-140), which has been placed by ministration.

German manufacture and 51 are to be British.

lime and bluestone are first dis-solved separately in water and the Correct watering is also an

quire about it at the nearest be clogged up. Small pots need pods are formed. Dominion Laboratory of Plant not have the hole shielded at all,

but larger pots, say, all pots over For best results spray applica-ons should be made with three four inches wide at the top, retions should be made with three quire pieces of broken opts or nozzles to each row, one to direct the spray downward upon the covered with rough sod or other the spray downward upon the cov tops of the plants, the other two material to prevent the soil from being arranged so as to have the spray directed upwards to cover the lower surfaces of t the lower surfaces of the leaves. between the broken-pieces.

Air in the average home is pletely coated with the spray, and Dryness may be decreased by larly inviting to the red spider. in order to make this possible it is necessary to maintain high pres-and by syringing the foliage of sure and pay careful attention to the plants on bright days. Thickthe boom and nozzle adjustments. leaved plants may be sponged

the home than other kinds.

and Kerosene Are the Only

Ingredients Necessary. By Press and Publicity Division, Department of Agriculture, Conservatives.

of about two hours, or longer, tion.

Forty-eight lorries are to be of Canada, and cider vinegar is, bottom of the vessel as a brown tives, as one of the big parties. Employment Insurance - The therefore, more widely made in sediment, and the clear liquid. Still Stevens has much to catch insurance commission is now in which is pale lemon-yellow in the popular fancy. Many people/operation.—Financial Post.

(Continued from Page 3)

in force.

substituted for it by those who ernment does nothing to enforce wish to avoid the trouble of pre- the Criminal Code. The Code is paring their own spray material. the law of the land. Anybody can

go to a magistrate and swear out

chance. Rt. Hon. W. L. Mackenzie largely upon it.

ized unless the leaves are com- usually dry, a condition particumuch time to the third party and tions, who will be appointed under warned his hearers against the the Trade and Industry Comnew trend and advised them to mission Act, may initiate prosecustick to either the Liberals or the tions, if occasion warrants, under the Code but unless the police

Rt. Hon. R. B. Bennett, in his authorities, the provinces or or-Some spray outfits have a ten-dency to lose pressure at the end of the water containing whale oil A very useful spray for destroy-of the water containing whale oil A very useful spray for destroy-on pleasant days, the ing insects in dwellings and farm buildings may be easily and than ever before. It would ap-statute books, just as are scores of of the rows, but this objection plants should get as much air as buildings may be easily and than ever before. It would ap- statute books, just as are scores of may be effectively overcome by possible. At night plants do best cheaply made from pyrethrum pear that the suggestion of Mr. other sections in the Code.

skipping every four rows going in a temperature ten to 15 de- insect powder and kerosene. Ac- Bennett for a national govern- Companies Act — Amendments one way and spraying them on grees lower than they need dur- cording to the directions of the ment might have some weight to this act are to be made efthe return trip, for by doing this ing the day. Most species used Entomological Branch of the Do- with the Liberals after all, but fective on September 15. The law the sprayer covers sufficient dis-as house plants require no more minion Department of Agriculture the Grits will not support the provided that the amendments tance on the turn to maintain the than 50 or 55 degrees F. during the spray is prepared by adding idea unless they see a possibility were to be brought into force, in the night and they will not suffer one-half pound of pyrethrum to of Stevens gaining too much whole or in part, upon proclamainjury if the thermometer falls to one gallon of kerosene, allowing strength. Just at present the tion. It was believed, from the LORRIES FOR SOUTH AFRICA 40, although such a temperature the mixture to stand and agitat- Liberals are counting on a fed- wording of this provision, that the Cape Town.-Germany shares maintained over a long period of ing it at intervals over a period eral victory in spite of all opposi- Government proposed to proceed cautiously and apply some of the

thus ensuring that practically all In any case Stevens has made new provisions in advance of Apple juice is probably the most the active principle of the pyre- a stir in politics and the Recon- others. The whole of the amendthe South African Railway Ad- readily available raw material for thrum is dissolved. The residue struction party is now reckoned in ments, however, now stand provinegar making in most parts of of the pyrethrum settles to the with the Liberals and Conserva- claimed as of September 15.

