

NEWS AND INFORMATION FOR THE BUSY FARMER

(Furnished by the Ontario Department of Agriculture)

Beautifulizing the Farm Home

Every unimproved or unembellished home in Canada can be made more attractive and more valuable by the planting of trees, shrubs, vines and flowers and a well-kept lawn.

Good Hoppers Needed

The annual waste of mash through the use of poor hoppers is enormous. While you are getting everything in readiness for the coming year, see that your hoppers are in good condition and that they are of the type that will not permit the wasting of mash.

Potato Seed Important

The selection of seed potatoes should begin in the field the previous season, for virus diseases are detected only by the foliage and not by the tubers.

Hay and Pasture Crops

The largest area of land used for growing pasture and corn occurred during the period 1914-23 or during the years of the World War and five years immediately following.

World's Grain Show

J. A. Mooney, managing director of the World's Grain Show, during a recent visit to Ontario, stated that there is a surprising interest growing in Canada and in foreign countries in this event, which will be held in Regina from July 25th to August 6th, 1932.

Farm Drainage

The drainage of land is receiving increased attention in Ontario. The high acre returns from orchards and other

cultivated cash crops has stimulated this interest. Properly installed tile drains, while increasing production, lower the overhead cost per unit of commodity marketed.

Fighting the Sow Thistle

Prof. Howitt of the O. A. C. recommends the following practices to assist the farmer in combating the sow thistle menace:

- 1. Vigorous mid-summer cultivation during the dry hot weather immediately following haying or harvest.
2. The use of smother crops such as sweet clover, rape and buckwheat.
3. Short crop rotations which give a chance to use hoed crops frequently.

Protecting Swine

Vermin cause considerable annoyance to swine and their presence in large quantities is destructive to profits. If the swine have a good wallow hole they can free themselves of the pest during the summer, but without the assistance of a wallow, some other aid must be given or else the lice will flourish.

Herd Depreciates

In a discussion of the costs of dairy farming an item is often overlooked that should be mentioned—the cow itself. Many a dairy farmer is not making as much money yearly as he thinks he is because of the depreciation in the value of his herd.

How to Stop Early Swarming

For beekeepers it is all important to have each colony at maximum strength in time for the main honey flow. To do this, careful management of the colonies in the spring and early summer is required. All manipulations in the apiary at this time are for the purpose of producing bees to gather the harvest and to prevent them from splitting and to prevent them from splitting.

Our Ottawa Letter

Hon. Mr. Dunning is already appreciating how brief is a Finance Minister's hour of glory. Political Ottawa is busy analyzing his budget, and as the examination proceeds the scepticism grows.

There were three things which the budget, on its face, purported to do. In the first place it made a gesture of shaking the fist of tariff retaliation under the nose of United States by the adoption of countervailing duties.

SOME WATER FACTS

Five years study of soil moisture and crop production by experts of the Dominion Department of Agriculture disclose some interesting observations as to the relation between water and crops.

It takes 39.84 tons of water to produce 1 bushel of wheat; 21.8 tons of water for 1 bushel of oats; 1,106 tons of water for 1 ton of corn ensilage; 1,379 tons of water for 1 ton of sunflower ensilage; 2,326 tons of water for 1 ton of 1st-cut Brome hay; and 1,222 tons of water for 2nd-cut Brome.

More water is used to produce a bushel of grain from stubble land than from summer-fallow; and the latter always contains more moisture—this is a unique crop paradox.

To convert into vapor enough water to give one inch of rainfall over 640 acres of land requires as much heat as would be produced by the combustion of 5,000 tons of coal.

Nature's way of making rain for the world supply is through evaporation which is caused by the sun at a rate of 16,000,000 tons of water converted into vapour every second.

June, July and August, the dry months at the Pacific coast, are the "shower" months on the prairies.

Summer-fallow will conserve from 25 to 35 per cent of rainfall moisture in the soil. The earlier summer-fallowing is done the better the results.

Weeds rob grain crops of needed moisture and their presence in fields always results in lowered grain yields. It is not the amount of rain that falls, but the amount which is stored in the soil which counts.

There is no way yet by which the amount of rainfall for a coming season can be forecast with any degree of certainty.

KEEPING THE FEED AND WATER CLEAN ON THE RANGE

(Experimental Farms Note)

With the ever increasing danger of parasitic infection due to the intensive methods now in vogue in the rearing of chicks and the handling of the laying and breeding stock it behooves breeders to adopt every sanitary precaution to ensure the health and well being of the growing chicks.

Infection through the drinking water and feed, while on range, should be avoided by using stands for the feed troughs and drinking vessels, so that there will be no chance of infection through the consumption of feed that has become contaminated by coming in contact with the droppings on the ground or through the drinking of water that has formed puddles on the ground around the drinking pails.

For this reason all feed and water consumed should be supplied either from hoppers for the dry mash or from troughs for the scratch grain and from elevated clean vessels for the drinking water. The roosting shelters, hoppers, troughs and water stands should be moved at frequent intervals so as to keep the chicks on fresh ground as much as possible.

For sketches of shelters, hoppers, or water stands write the Poultry Division, Central Experimental Farm.

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similarly charged with like breach of faith.

The Conservative Leader pointed to the countervailing clauses as an attempt to commit the Canadian people to a "Made-in-Washington" election policy and demanded to know if the government which thus followed political expediency in preference to settled policy should be permitted to represent the Canadian people at the forthcoming Imperial and economic conferences.

Mr. Bennett contended, and observers in the press gallery fancied that they saw the Prime Minister nod his agreement.

General Smuts is probably unique among world statesmen in fighting records and practical peace-making attempts.—Toronto Globe.

A Christmas wind-up toy that runs must be as good as a New Year's resolution that still stands.—Stratford Beacon-Herald.

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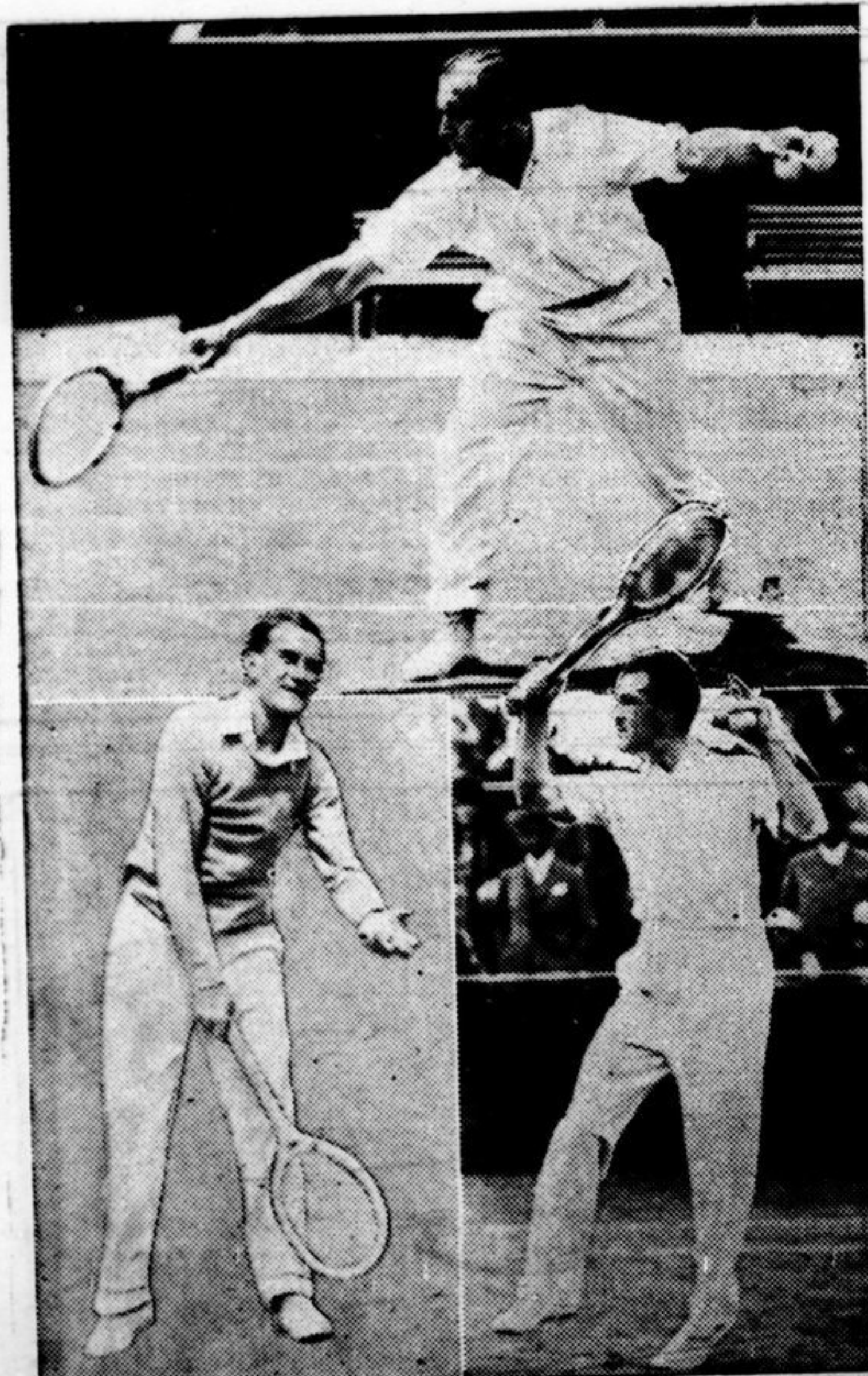
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THE MEMBERS OF CANADA'S DAVIS CUP TEAM

Above are action shots of three of the tennis players selected by the Canadian Lawn Tennis Association to represent the Dominion in the forthcoming Davis Cup series against the United States. Top is Willard Crocker, second ranking player, who will probably play in the doubles, while below, left and right, are Marcel Rainville, whose sterling tennis gained for him the undisputed right to play in the matches at Philadelphia, and Dr. Jack Wright, Canadian champion, who will captain the team.

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