Saving Ontario's Natural Resources

Ontario Federation of Anglers and Hunters
(No. 44)
THE WATER TABLE

One of the most important considerations before conservationists to-day is the question of the depth of the water table in our agricultural districts. The height of this water table determines whether or not springs go dry in summer, how much the stream flow is decreased in August, and the depth to which wells must be drilled for a year round supply of water.

Most of us think of the water in the ground as occurring in streams, or flows, but this is not so. The underground water is like a lake whose surface follows the contours of the land. It is usually found at a certain depth all over a district rising up over the hills and dipping down into the valleys. We tap this underground lake when we drill a well, the springs are surface outcrops and all our streams are dependent on this underground lake, the water table, for their flow.

Only Source of Water

There is only one source of water, the precipitation from the atmosphere either as rain or snow. This rain or snow can get away in two ways. It can flow over the surface of the land, as streams, or it can sink into the ground to reappear later. In a countryside where most of the precipitation flows away at the surface there will be floods in the spring and water shortage at other times for, and this is important, most of our rain and snow comes down in the fall, winter and spring months. So it can be readily seen that the underground water is a surplus to carry through the dry season.

Vegetation helps to hold the surface water until it can sink into the ground. Grass, brush and trees, in that order, are the sponges that prevent too rapid a runoff in wet seasons, with consequent floods, and allow the water to sink into the ground. Since this is so we must have trees, the best water delayers, over a certain percentage of the land and this I will discuss next week.

Canada Nears Gas Rationing

Consumption Must Be Curtailed, Oil Controller States

G. R. Cottrelle, oil controller in the Department of Munitions and Supply, said in a statement in Toronto the end of May that it is "necessary to control" prices of gasoline and that "we are faced with a curtailment in consumption whether we like rationing or not."

Mr. Cottrelle said he could not say when gasoline price control would come into effect.

"Oil tankers ordinarily in use to supply the United States and Canadian markets from Gulf ports, the Dutch West Indies and South American countries are being drawn on for the transatlantic service," said Mr. Cottrelle. "There is no doubt that we are faced with a curtailment in consumption whether we like rationing or not.

"The loss in volume to the Canadian oil industry and the necessity of spreading overhead over a lesser volume together with the increased tanker rates and the increase in world petroleum prices point to the necessity of two things —control to lessen distribution costs by the industry and control of prices.

"Ordinarily gasoline prices go up with each increase in the price of crude. As a result of oil control this has not been permitted.

"The oil industry is an important factor in our war effort. Without it Canada cannot make the contribution to the war effort expected of her. It is necessary therefore to face the facts and necessary to control prices. Orders 001, 00A, 002 and 003 (orders published by the oil controller in the Canada Gazette) were made to prepare the way for these things we are now facing."

Eggs For Britain 25 Cents, Grade 'A'

Agriculture Department officials recently said that selling prices for Britain's new order in Canada for 5,400,000 dozen eggs are comparable with prices of 25 cents a dozen for grade "A" and 23.4 cents for grade "B" eggs shipped this spring.

They said the eggs will be shipped to Britain prior to Oct. 31 next and in the meantime will be stored in Canada at Britain's expense.

The order raises to 510,000 cases the total sales of Canadian eggs to the British Food Ministry since Jan. 1. Sales to the Ministry in 1940 totalled 356,000 cases.

In Lighter Vein: "Enough Is Enough"

"Say—do you think we are getting the boys OVER trained?"

VOICE OF THE PRESS

PICNIC PESTS

"Even the picnics of the season are often ruined by insects," says a writer. Especially those pests who leave the corkscrew and tin-opener behind.

—Montreal Star.

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ONTARIO'S "H" MEN

Names of four men figuring in cabinet and departmental changes this week, all began with H—Hipel, Heenan, Horton and Hepburn.

—St. Thomas Times-Journal.

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1,300 TO DIE THIS YEAR

Thirteen hundred healthy, happy Canadians will die in traffic accidents in Canada within the next twelve months. Traffic mishaps take a toll in Canada equal to the wiping out of an entire town every year, figures reveal.

—Quebec Chronicle-Telegraph.

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CHILDISH PRACTICE

Judge Wearing, of London, Ont., calls noisy, horn-tooting wedding parades through city streets an "outrageous racket" and has instructed the police of that city to suppress them. If similar instructions were issued elsewhere, it would do much to eliminate an annoying and exceedingly childish practice.

Conference on Wheat Planned

U.S. Calls World Meeting to Discuss Surplus Problem

An international wheat conference is being called by the United States within the next few weeks, it was announced by the state department at Washington.

Representatives of the four big exporting nations, Canada, Australia, Argentina and the United States, are expected to attend, as well as representatives of Britain, the chief and almost the only free importing nation left in the world.

It was not immediately clear but it was assumed that the conference would be a meeting of the Wheat Advisory Committee which was formed at the London Economic Conference and has functioned ever since, holding at least two general meetings in London.

FOUR BIG EXPORTERS

It was suggested that the main purpose of the Washington conference would be to attempt to achieve agreement among the big four exporting nations to limit production.

At the present time, because of war conditions and the German occupation of practically all of Europe, the exporting nations are choked with wheat that cannot be sold. Canada, for instance, held 560,000,000 bushels on May 1 and this same surplus position was true to a greater or less extent, in Australia, Argentina and the United States.

Ontario To Serve Summonses By Mail?

Service of summonses in by-law cases by mail instead of by police officers may become a possibility, says a communication sent out to municipal bodies by C. L. Snyder, Deputy Attorney General.

Mr. Snyder stated that at the last session of the legislature the Summary Convictions Act was amended to provide for the service of summonses by mail in Highway Traffic Act cases.

"The amendment has not as yet been extended to cover municipal by-laws, but that possibility may be considered when the procedure has been tested in connection with the Highway Traffic Act," Mr. Snyder stated.

Free Aeroplane Pictures

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HERE IS ALL YOU HAVE TO DO: to get photos of the following aeroplanes Spitfire . . . Defiant . . . Hurricane . . . Airacobra . . . Fairey Battle Plane . . . Lockheed Hudson . . . Bristol Blenheim . . . Vickers Wellington . . . Blackburn Skua-Dive Bomber . . . Fairey Swordfish . . . Boeing Flying Fortress . . . Sunderland Flying Boat and 15 other modern planes (all are the latest official photographs in full detail). For each aeroplane photo you wish send two Durham Corn Starch labels. Specify plane or planes wanted, your name and address, enclose necessary labels and mail requests to the St. Lawrence Starch Co. Limited, Port Credit, Ontario.

Common Foods For Vitamins

Keep This List Before You If You Have A Vitamin Deficiency

Our grandparents, says Betty Barclay, ate plenty of rough foods. They plucked fruit from the trees, berries from the field, nuts from the bushes and drank large quantities of milk. Perhaps they obtained all the vitamins they needed without thinking or knowing about such a thing as a vitamin. Apparently most of them did. Anyway, they had no vitamin pills to buy.

SOURCES OF A, B, C, G

Have you been told that you need more vitamin A, B, C or G? If so, here are a few common foods that will be glad to aid you without worry and at very little cost. If you have a vitamin deficiency, keep this list before you.

Vitamin A: Butter, broccoli (excellent), carrots, cheese, whole milk, cream, eggs, liver, spinach, squash, water cress and sweet potatoes.

Vitamin B: Bread, string beans, cabbage, celery, corn, cream, dates, ice cream, lettuce, milk, lemon juice, oranges, peanut butter, green peas, pork, potatoes, rice, walnuts, oat meal and mutton.

Vitamin C: Green cabbage, cantaloupe, cress, grapefruit, lemon juice, oranges, parsley, green peas, raspberries, tomatoes, water cress, watermelon and turnips.

Vitamin G: Broccoli, buttermilk, cream, eggs, heart, kidney, liver, milk and beet leaves.

Keep Potatoes Well Sprayed

Failure To Spray Consistently Last Year Cost Ont. Farmers $1,200,000, States J. T. Cassin

Failure to spray potatoes consistently through the growing season last year cost Ontario farmers approximately $1,200,000, states J. T. Cassin, in charge of potato work for the Ont. Dept. of Agriculture, Toronto. Mr. Cassin points out that average production for the 147,000 acres potatoes grown in Ontario last year was but 77 bushels as compared with the average of 98 bushels over the past ten years.

"Many growers who kept potato foliage covered with the proper sprays last year harvested good crops yielding from 150 to 200 bushels per acre," said Mr. Cassin. "The timely use of arsenates and Bordeaux will protect the plants from insect pests and late blight caused by continuous wet weather."

TIME TO BEGIN

The time to commence spraying for fleabeetles is when the plants are from four to six inches high, says Mr. Cassin. Arsenate and Bordeaux should be applied regularly to repel attacks from potato bugs, leaf hoppers and late blight. Arsenate is required only for protection from fleabeetles and potato bugs. Bordeaux mixture repels leaf hoppers and gives protection from late blight.

Every farmer growing potatoes in commercial quantities will be interested in obtaining Bulletin No. 390 of the Ont. Dept. of Agriculture, "Successful Potato Production in Ontario." It may be obtained from the Agricultural Representative in your county.

Ontario T.B. Law Stiffer

Sufferers May Be Committed to Sanitarium Under New Rule, Whether They Like It or Not

Dr. G. C. Brink, director of tuberculosis prevention in the Ontario Department of Health, told the Ontario Health Officers' Association conference meeting recently in Toronto that any person suffering from tuberculosis in an infectious state who is unwilling to take adequate precautions for the protection of others may be committed to a sanitarium by order of a magistrate.

BY ORDER OF MAGISTRATE

Dr. Brink said an amendment to the Sanitaria for Consumptives Act, which becomes effective June 9, gives authority to medical health officers to initiate the action with the approval of the provincial health department. The new legislation also provides for segregation of patients in a sanitarium on the order of a magistrate and for the recommittal of any patient leaving the sanitarium against the advice of the superintendent.

The new legislation, Dr. Brink said, applies to a patient who is "unwilling or unable to conduct himself in such a manner not to expose other members of his family or other persons to danger of infection and refuses to be admitted to a sanitarium or hospital."

"It DOES taste good in a pipe!"
HANDY SEAL-TIGHT POUCH—15¢
½-LB. "LOK-TOP" TIN—65¢
also packed in Pocket Tins
Picobac
GROWN IN SUNNY, SOUTHERN ONTARIO

All Cheddar For Export

Ontario, Quebec Cheese Is Earmarked For Export to United Kingdom

The entire cheddar cheese production of Ontario and Quebec is being earmarked for export to the United Kingdom, the Dairy Products Boards has ruled.

The board's order was as follows:

"All cheddar cheese manufactured in the provinces of Ontario and Quebec on and after May 26, shall be white and unwaxed, not less than 14½ inches in diameter and not less than 75 pounds in weight, and all such cheese shall be exported to the British Ministry of Food through the dairy products board by exporters licensed by the board."

Since 93 per cent of all cheese produced in Canada comes from Ontario and Quebec and the production in the other provinces does not meet domestic consumption in those provinces this means that until the order is rescinded, the bulk of domestic consumption in Canada will have to be provided from stocks already in storage.

112,000,000 POUNDS IN YEAR

Canada has undertaken to provide Britain with at least 112,000,000 pounds of cheese between April 1, 1941, and March 31, 1942, and officials said the board's order is being put into effect to ensure that Canada exports at least that amount.

Health Visits Again Curbed

Only in Exceptional Cases Are Canadians Allowed to go to U. S. for Treatment

Drastic steps have been taken to curb the drain on U. S. dollars through health visits of Canadians to the United States. Following negotiations with the Canadian Medical Association, a new ruling has been made by the Foreign Exchange Control Board, says the Financial Post.

BEST IN CANADA

Hereafter, only in exceptional cases will it be possible for citizens of the Dominion to go to the U. S. for medical treatment.

The F. E. C. B. has apparently accepted the claim of the Canadian Medical Association that almost without exception Canadian citizens are assured of the best possible medical care in Canada.

In regard to climate, however, no special claims are made. It is understood that, for some cases, the drier or warmer air of the southern states is admittedly more beneficial than anything that Canada can offer at certain seasons.

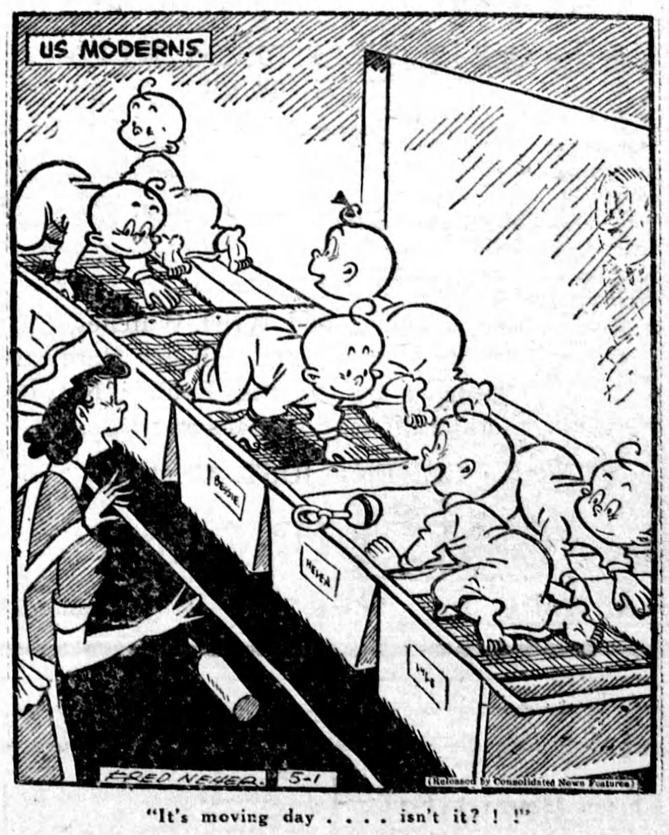
Until recently the person desiring to go to the U. S. for reasons of health, made application through his own doctor, who then had the responsibility of authorizing the trip.

NOW UP TO OTTAWA

If this authorization were not given, doctors complained they might lose a patient; and that patients might shop around until a more manageable doctor was found.

Under the new system the patient applies directly through his bank to the F. E. C. B. In this application must be cited reason for wanting to leave Canada; also name and address of his own doctor. The applicant's bank then sends the doctor a form of medical report which he will fill out after an examination of the patient, and which the doctor will forward direct to the F. E. C. B. at Ottawa. The patient need not see the report nor know what is being confidentially communicated by his doctor to the Board.

LIFE'S LIKE THAT — **By Fred Neher**



"It's moving day . . . . isn't it? ! !"

REG'LAR FELLERS—Happy Landings — **By GENE BYRNES**