

HOW SOIL PRODUCTION MAY BE INCREASED

Surplus Water Must be Removed From the Land by Drainage--Soil is Made More Porous and Seed Germinates Earlier--Increased Yield in One or Two Years Pays the Entire Cost of Installation--Good Tile may now be Obtained

In view of the importance of increasing the productivity of the land and the food resources of the Dominion, and the difficulty of so doing in face of shortage of labor, seed and fertilizer, little seems to have been published as to the effect of drainage, upon which all authorities are agreed, and the cost of which is represented by an interest charge far below the value of the result actually achieved. Further, these benefits do not, as in the case of increased area of cultivation involve additional expenditure for seed or fertilizer or even of labor beyond the first installation.

Of Great Importance.

Drainage of farm lands in the east is of greater importance than irrigation in the west. As has been set forth in agricultural records, drainage does four things. First, it removes in a set season the surplus water and makes it possible to cultivate the land and get in the seed about three weeks earlier than on the same land when underdrained. Secondly, it makes the land from 10 to 15 degrees warmer than if not drained, and this warmth promotes germination and early ripening of both grain and vegetables, also it tends to avoid rot amongst potatoes and root crops. Thirdly, it lets plenty of air down to the roots of the plants, which is necessary for satisfactory growth. Fourthly, it makes the soil more porous and this in turn causes the soil to absorb and retain in some way to some day, some time of drought instead of becoming so baked and hard as to lose the same by evaporation or surface flow. Frequently the increase of crop in one or two years pays the whole cost of the drainage, and seldom takes longer than four years so that drainage easily returns 35 to 50 per cent. per annum on the money invested.

Related to Drainage.

Better cultivation, seed selection and all the other steps in this direction as taught by our agricultural in-

DON'T SCOLD, MOTHER! THE CROSS CHILD IS BILIOUS, FEVERISH

Look at tongue! If coated, clean little stomach, liver, bowels.

Don't scold your fretful, peevish child. See if tongue is coated; this is a sure sign its little stomach, liver and bowels are clogged with sour waste.

While listless, pale, feverish, full of cold, breath bad, throat sore, doesn't eat, sleep or act naturally has stomachache, indigestion, diarrhoea, give a teaspoonful of "California Syrup of Figs," and in a few hours all the foul waste, the sour bile and fermenting food passes out of the bowels and you have a well and playful child again. Children love this harmless "fruit laxative," and mothers can rest easy after giving it, because it never fails to make their little "insides" clean and sweet.

Keep it handy, Mother! A little given today saves a sick child tomorrow, but get the genuine. Ask your druggist for a bottle of "California Syrup of Figs," which has directions for babies, children of all ages and for grown-ups on the bottle. Remember there are counterfeits sold here, so surely look and see that yours is made by the "California Fig Syrup Company." Hand back with contempt any other fig syrup.

THE OPERATIONS IN FLANDERS ARE HAMPERED BY INCLEMENT WEATHER

LONDON, Oct. 9.—Stormy weather still continues in the fighting areas in Flanders, and the artillery continues active, says the official report from British headquarters in France and Belgium tonight. The text follows:

"Stormy weather continued throughout the day, heavy rain having fallen. Both artilleries were active during the day on the Ypres battlefield. There was a short spell of fine weather on Sunday before heavy rain began which fell all the rest of the day. While this lasted considerable work was done by our artillery, and our bombing machines dropped over two and a half tons of explosives on railway stations and other targets. The enemy showed marked activity in the vicinity of our newly won territory and attacked our bombing machines. Two hostile machines were brought down and three were driven down out of control. One of our machines is missing."

HIS HEART BADLY AFFECTED

"Fruit-a-tives" Soon Relieved This Dangerous Condition

632 GERRARD ST. EAST, TORONTO.
"For two years, I was a victim of Acute Indigestion and Gas In The Stomach. It afterwards attacked my Heart and I had pains all over my body, so that I could hardly move around. I tried all kinds of Medicine but none of them did me any good. At last, I decided to try "Fruit-a-tives". I bought the first box last June, and now I am well, after using only three boxes. I recommend "Fruit-a-tives" to anyone suffering from Indigestion".
FRED J. CAVEEN.

50c. a box, 6 for \$2.50, trial size, 25c. At all dealers or sent postpaid by Fruit-a-tives Limited, Ottawa.

particular land which carries the burden of cost and by this method the farmer who is in need of financial assistance is not called upon to assume a high rate of interest and in event of selling the property before full payment of cost is made the burden of cost of the improvement remains therewith. Along with this system, which shows the government to have implicit confidence in the result of its own teaching, there is in every Ontario town of consequence someone who carries a stock of farm tile so that it has become almost an automatic proceeding on the farmer's part to load up a quantity of drain tile on his way home, and next lull in farming operations sees the tile put into the ground and so without any large expense or wasted effort the system of drainage is completed in a comprehensive way according to the plan equally "good business" elsewhere.

COLONIALS NOT EXPOSED TO SAVE BRITISH TROOPS

Denial of the Claim That the Troops of Motherland Have Been Spared at the Expense of Colonials.

(Correspondence.)

London, Sept. 27.—Reports said to be prevalent in America and elsewhere that troops from the British dominions are used more freely on the western front than are those from the United Kingdom, are denied in an authoritative statement published by Reuters.

The proportion of casualties on the western front is actually higher among the troops from the United Kingdom than among those of the dominions, says the statement. Figures showing the proportion of divisions from the dominions and from the United Kingdom employed in the bat-

laid down by the engineer as to levels, direction of flow, size of tile used for mains, branches, outlets, etc.

The other provinces already have made considerable of an advance toward the encouragement of farm drainage by the loan of ditching and tile making machinery and this policy so far as it goes has been favorably commented upon by those who are in a position to observe the result of operations carried on. Should they go still further and assist as in Ontario the method of financing farm drainage upon the security of the improvement when vouched for by municipal authorities, the same already having passed the experimental stage in that province, it would undoubtedly prove

ties on the Somme, around Arras and Ypres and at Messines, are given to show that troops from the "Motherland" exceeded those from the colonies in the ratio of from two to one to five to one.

The casualties also are compared, showing, according to the statement, that those of the United Kingdom troops have been higher than those of the troops from the dominions.

Clearly there can be no question that the Motherland troops have been spared at the expense of the colonials, adds the statement. On the contrary, the evidence points to the fighting having been shared very equally between the available troops, irrespective of the art of the British Empire from which they came.

Assertions that large numbers of trained soldiers fit for service are retained in idleness in the United Kingdom also are denied.

In all the actual theatres of war, the proportion of troops from the Motherland as compared with those of the dominions is between six and six to one; that is, of every six British soldiers serving at the front, at least five have been recruited in the United Kingdom.

FIRE IN COAL MINE.

(Canadian Press direct wire.)

Nanaimo, B. C., Oct. 6.—A serious fire broke out yesterday in the Jingle Pot Mine, of the British Columbia Coal Mining Co., located two miles from the city. The mine has been sealed in an attempt to extinguish the flames by suffocation. This means the property will be closed for at least two months, throwing three hundred men out of work.

AUSTRALIA'S RESPONSE.

(Canadian Press direct wire.)

London, Oct. 6.—It is announced that the total enlistments of the Australian forces now aggregate 306,000 men.

DO YOU SING ?

Then you know the value of a good throat tablet! Singers who have used Peps say there is nothing can equal them for the throat and voice.

Mr. Wm. C. Hill of King and Locke Sts., Hamilton, writes: "For years I was troubled with a huskiness in my throat when singing, which nothing I tried could relieve until I used Peps. Now, before singing, I dissolve a Peps pastille in my mouth and it keeps my throat and voice perfectly clear."

Peps are the wonderful breathable cure for sore throat, bronchitis, asthma, coughs, colds, laryngitis, etc. 50c a box, 3 for \$1.25. All dealers or Peps Co., Toronto.

PEPS

PERSONAL

Mr. S. D. Andrews of St. John, is registered at the Queen.

Mr. N. Constable of Montreal, is at the Queen.

Mr. C. S. Gorrooway of Halifax, is in the city.

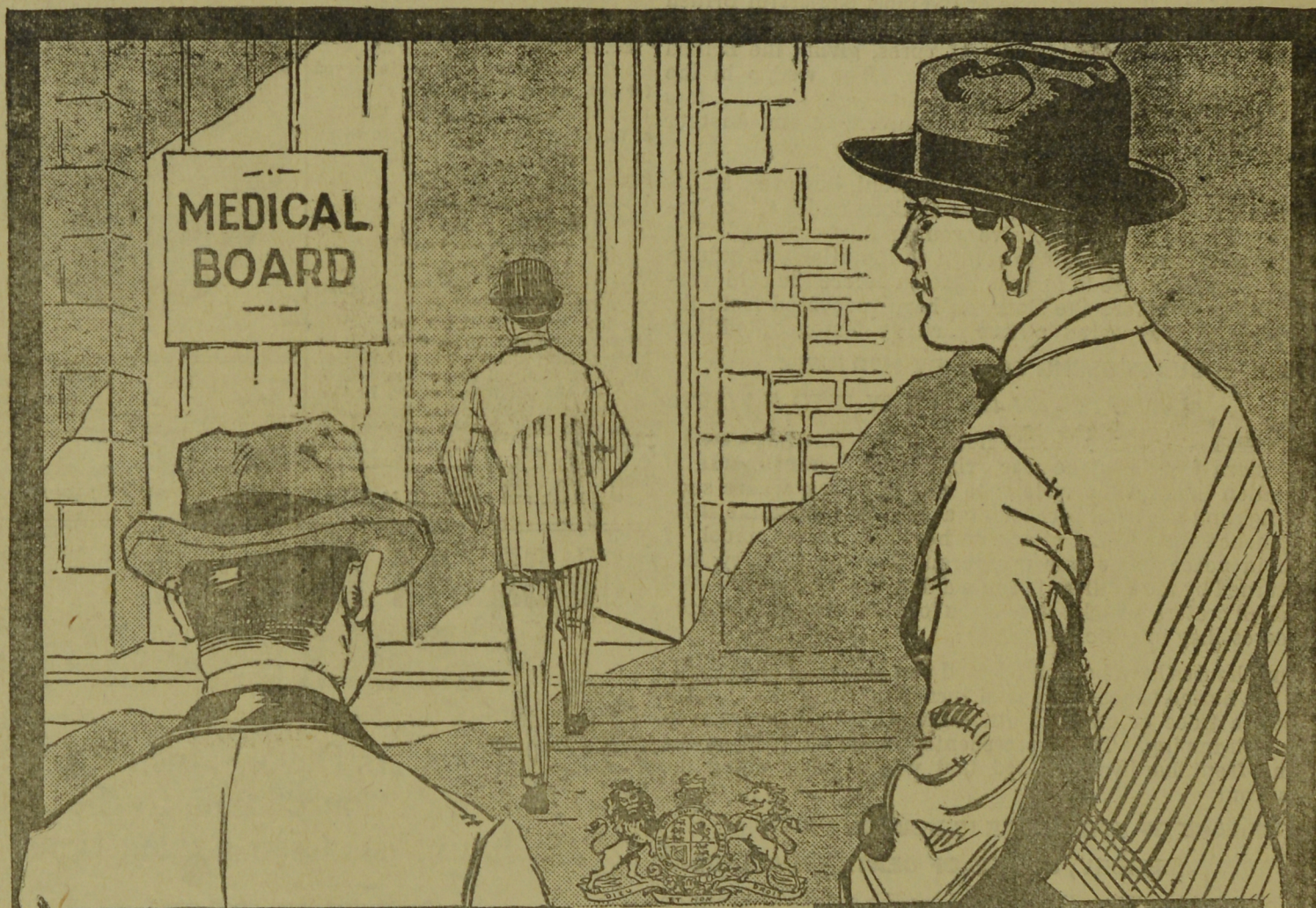
Mr. R. T. Murdock of Chatham is at the Barker House.

Mr. A. Winn of Toronto is a guest at the Barker House.

CASTORIA

For Infants and Children
In Use For Over 30 Years

Always bears the Signature of *Dr. H. H. H. H.*



CANADA

Medical Boards are Ready !

Medical Boards are now ready to examine all men who apply as to their physical fitness for military service. These boards are established throughout this district.

Upon examination, the medical board will classify each applicant according to his fitness; into Category A if he is fit for service in overseas fighting units; Category B if fit for service overseas in Army Medical Corps, Forestry Battalions, etc; Category C if fit for service in Canada only, etc.

Only men whose medical examination places them in Category A will be included amongst those required to join the colours in the first instance; the man placed in any other category will remain at home until men in the category to which he has been assigned are called to the colours. The men placed in Category A may still apply for exemption on any ground.

Men between the ages of 20 to 34 inclusive, who were unmarried or widowers without children on July 6th, 1917, are strongly advised to report before a Medical Board at once. This is the quickest and surest way for them to find out their status under the Act.

Parents and employers are also urged to have those in whose cases they are specially interested visit a Medical Board and undergo examination. The methods of examination are simple and will result in no discomfort or inconvenience.

Now is the time for employers to obtain facts of the greatest value to them in making their calculations. The Medical Boards will determine how many of their employees will be left at home for physical reasons and how many will be selected for service unless an application for exemption be made with success.

Issued by The Military Service Council.

THERE ARE MEDICAL BOARDS IN THIS DISTRICT AT

Fredericton, N. B.	Halifax, N. S.	Newcastle, N. B.	S. John N. B.
Moncton, N. B.	Pictou, N. S.	Sydney, N. S.	Yarmouth, N. S.
Truro, N. S.	Charlottetown, P. E. I.		