

## Don't Sit by the Fire

You can't work in the orchard these days, of course, but that is no reason why you should **waste** all the winter months. We can help you put them to good use.

It is **easy** to sell "Brown's Trees" because everybody knows that "**Brown's trees are good trees.**" It is **pleasant** work selling "Brown's trees" because you get all around the country, seeing old friends and making new ones. It is **instructive** work selling "Brown's trees" because it gives you a chance to exchange ideas with other good fruit growers. It is **profitable** work selling "Brown's trees" because you get liberal commissions on your orders.

Just cut out this ad., write your name and address on it, and mail it to us. We will do the rest.

**Brown Brothers Company, Nurserymen, Ltd.**  
Brown's Nurseries County of Welland, Ontario

# "Chemical Analyses of Soils"

An Extract From

## ARTIFICIAL FERTILIZERS ; Their Nature and Use

By **B. Leslie Emslie, F. C. S., C. D. A.**

"At one time it was thought that a chemical analysis of the soil ought to indicate exactly the manurial requirements of that particular soil, but this theory was very soon upset, when it was observed that certain rich clay soils, which on analysis showed a very high total potash content, were still benefitted by an artificial application of potash, as proved by the increase in crop production.

Some soils, also, which analysed high in phosphoric acid, were found to respond readily to an artificial application of an available phosphatic fertilizer.

Now, while a general chemical analysis will show the total amounts of plant food in the soil, it does not indicate what proportions are available to the plant, so that the quickest way to find out the manurial requirements of a soil is to conduct fertilizer tests on the farm."

Copies of this, and other equally important bulletins, may be had by writing direct to

# German Potash Syndicate

1105-1106 TEMPLE BUILDING, TORONTO