

of millions of people who live between Capricorn and Cancer.

Cold storage is destined to play an increasingly important part in the handling of the world's food supply as the years go by and the demands for food increase. It is less than four decades since the first cargo of beef chilled by machinery instead of by ice was shipped, but to-day the funnels of refrigerator ships trace their lines of smoke upon every horizon.

Any one who has lived on a farm and has seen the amount of wastage there is in the vegetable garden and the truck patch by reason of a lack of facilities for taking care of the surplus, will readily understand what a saving there could be if a cold-storage plant were convenient. Gradually these plants are coming closer and closer to the farmer, many of whom already are making use of them to store their perishable products, like fruits, vegetables and eggs, until the higher prices of the winter months set in.

#### The Fish Supply

As the world fills up with people, the more humanity is bound to look to the sea for food, and a richfield will there be found.

It has been conservatively estimated that the world's fish supply exceeds twenty billion pounds. Japan's fisheries produce about six billion pounds a year. What our western grazing lands have been to our meat supply, that has the sea been to Japan's.

A census of the sea would reveal more animal life to the square mile, perhaps, than the land itself possesses. There are all sorts and shapes and varieties of aquatic life to be found, and the rich treasures of food which the rivers of the earth carry down to the ocean defy measure.

Gradually new fishing grounds are being opened up and new varieties of fish introduced to the public. Just now the efforts of the United States Bureau of Fisheries to restore the tile-fish to the American dinner table, and its plans for a campaign of education in favor of the edibility of the dogfish, are straws which show the direction of the wind in the utilization of the vast food treasures of the sea.

#### Chinese Great Fish Eaters

The Chinese are among the greatest fish eaters of the world, and they have accepted so many varieties in their list of edible fishes that they can have a different kind for breakfast every morning in the year. Not only are their seas filled with fish, but their rivers as well, and while no other nation has gone as far as the United States in scientific fish propagation in fresh waters, the Chinese have cared for their fish supply through a hundred generations.

All sorts of methods for catching fish have been developed by the nations of the earth. It is a far cry from the big steam trawler of the North Sea to the hook and line of the small boy on a country creek bank. But most picturesque of all the ways of fishing in the world is that resorted to by the Chinese—fishing with cormorants.

The cormorants are hatched under chicken hens, and when about three months old are taught to fish.

The trainer ties a string to one of the bird's legs and drives it into the water. He then throws out some small fish which the bird promptly catches. It is taught to dive and come back at the call of a whistle. When trained, collars are put about the bird's neck, so that it cannot swallow the fish it catches. A fisherman goes out with the rail of his boat lined with string-hitched cormorants. At a given signal they dive, and the fish that can outswim them under water is as rare as a small fish in an angler's description of his catch.

Our own Canadian fishermen have developed enormously in recent years and one who is thoroughly in touch with the supply points (both on the sea-board and

from the inland lakes) has said that if Canada had the population of the U.S.A. and by any chance was robbed of her cereal crop, the fish food readily available would suffice for practically every demand.

#### The Place of the Potato

It has been the honor of America to contribute to the world its greatest crop in point of yield—the white potato. Making its bow to civilization from the land of the Incas, in Peru, the potato has girdled the globe, winning the esteem of every land and every people.

No other plant in the entire range of the vegetable kingdom has ever gone so far or met with such universal favor in so short a time as this apple of the earth. To-day North America produces more than half a billion bushels,

Some time ago we published a snapshot of an interesting feature of the British sea coast fisheries; that of the Aberdeen lassies packing salted herrings for exportation to the Baltic and other European continental ports. Aberdeen offers one of the most impressive sights in human industry during its great herring fishing season—from July to September inclusive. That photo was taken in normal time, however. The menfolks of these brave, toiling women are now

engaged, many of them as minesweepers or are taking their place as naval reserve men in the great battle fleet.

We mention this here because those salted herrings form in combination with the humble potato the staple diet of a big population—in North Britain and on the European Continent. What Scotsman who has ever tasted it will ever forget the toothsome meal of "herrin' and tatties?"

#### Vegetables and Fruit

The Department of Agriculture estimates that one-fourth of our country's diet consists of vegetables—products of the truck garden. If this is true of the United States, which, next to Australia, is the world's largest per capita meat-eater, it is more true of other countries. Our census returns show that we produce, exclusive of potatoes and sweet potatoes, vegetables to a value of \$216,000,000.



A Modern Bakery

## FARMERS!

THE big feature of the PROVINCIAL EXHIBITION at Brandon, July 17 to 21, will be the LIGHT TRACTOR PLOWING DEMONSTRATION.

This is the first of its kind to be held in Western Canada, and the large number of entries insures a real treat for those farmers who are interested in mechanical power on the farm.

The demonstrations will take place on July 18-19-20 from 10 a.m. to 12 o'clock in a field adjoining the fair grounds and every opportunity will be accorded visitors to see the tractors at work.

The following firms will take part in the demonstration:—

International Harvester Co., Ltd.	Goold, Shapley & Muir Co., Ltd.
J. I. Case Threshing Machine Co.	Canadian Avery Co., Ltd.
Marshall Sons & Co.	Emerson Brantingham Implement Co., Ltd.
Waterloo Gasoline Engine Co.	Bull Tractor Co. of Canada.
Sawyer Massey Co., Ltd.	Happy Farmer Tractor Co.
The Grain Growers' Co., Ltd.	Peoria Tractor Co.
Hart-Parr Co.	Minneapolis Steel and Machinery Co.

Over 20 tractors will take part in the demonstration and a big tractor show is promised.

#### DON'T MISS IT.

Single Fare Railway Rates from all points in Manitoba and Saskatchewan.  
A. C. McPHAIL, President. W. I. SMALE, Secretary.