

TO THE TRADE

KELWAY'S

OF LANGPORT, ENG.)

RENOWNED PLANTS & SEEDS


as advertised, are offered at SPECIAL RATES TO CANADIAN NURSEYMEN.

NO AGENTS
NO BRANCH STORES

Our House is open to every legitimate Nurseryman and Seedsman in the Dominion. ASK FOR PRICES

KELWAY & SON, THE HOUSE OF QUALITY
LANGPORT, ENGLAND.

THE CLIPPER



There are three things that destroy your lawns—Dandelions, Buck Plantain and Crab Grass. In one season the Clipper will drive them all out. Your dealer should have them—if he has not drop us a line and we will send circulars and prices.

CLIPPER LAWN MOWER CO.
Box 10, Dixon, Ill.

"Johnny-on-the-Spot"



toes, though all the principal kinds of vegetables were under experiment.

ORNAMENTAL GARDENING

Under ornamental gardening comes the culture of ornamental trees, shrubs, and herbaceous plants; the study of their individual characteristics, such as height, form, coloring, and season of bloom, so that information will be available to Canadians to enable them to plant their places in such a way that the trees, shrubs, and herbaceous plants will blend or be contrasted with one another to form pleasing landscape effects. The education of the people by lectures and bulletins on ornamental gardening and the encouragement of the beautifying of home surroundings, so much needed in Canada, is also a part of ornamental gardening which received attention during the year. In addition, large collections of roses, irises, phloxes, paeonies, lilacs, gladioli, geraniums, and other ornamental plants have been got together to study. There was a fine display of these at the Central Farm in 1912, and visitors were much interested in them and pleased with the ornamental grounds as a whole.

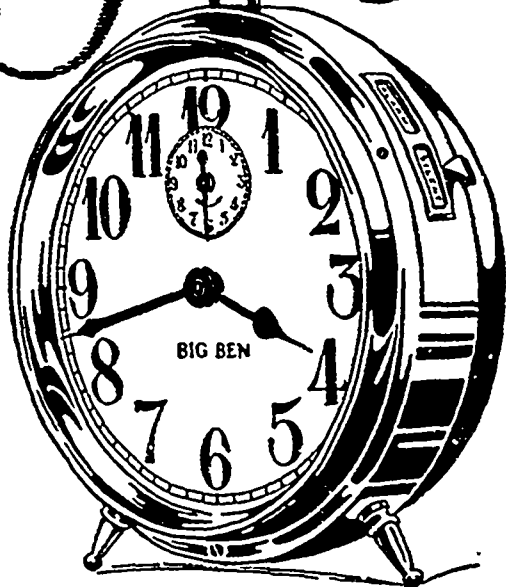
The forest belts, planting in which was begun in 1888, furnish interesting data on the relative growth of the different timber trees and the merits of having the species or planting them in blocks of one kind. The annual measurements of a number of trees were taken in 1912, as in previous years.

PLANT BLEEDING

The improvements of fruits, vegetables, and ornamental plants by cross-breeding and selection and the study of the laws of inheritance in different kinds and varieties of horticultural plants is, in brief, the field of work which is covered in plant breeding in the Horticultural Division. Up to comparatively recent years, Canada has had to depend almost entirely on other countries for her new varieties of fruits, vegetables, and ornamental plants, and while many of these succeed admirably in this country, it is felt that, if originated in a climate more nearly like where they are to be grown than has been the case in many instances in the past, those that show especial merit are likely to prove more useful than those introduced from climates very dissimilar. During the past twenty-five years, much attention has been paid to the breeding of horticultural plants at the Central Experimental Farm. Many varieties of hardy hybrid apples, crosses between the Siberian Crab (*Pyrus baccata*) and the apple originated by Dr. Wm. Saunders, have already been introduced into the prairie provinces and have proved hardier than any previously tested there. Second crosses made by Dr. Saunders with more blood of the larger apples and having fruit of good marketable size were propagated in 1912 for introduction. Many varieties of apples of handsome appearance and good quality have originated in the Horticultural Division and the best of these have been sent out for test to different parts of Canada to compare with those already in the market. More than two hundred of these new sorts have been propagated, and eighty-two of the best, named.

A large number of seedling straw-berry has been raised in the Horticultural Division, and some of the best are being propagated for introduction. Special attention is being paid to the development of early strains of vegetables which will be of great value in the colder districts of Canada as well as in the more temperate parts. Good progress was made in this work in 1912 and provision has been made for greater

Big Ben



He's Big All Over And Good All Through

Big Ben is built for endless service. He has no "off-days," no shut-downs. His four years of existence have been one long record of on-the-dot accuracy. 7,000 Canadian dealers say that he does more efficient work for less pay than any other clock alive.

A Big Ben battalion, over 3,000 strong, leaves La Salle, Illinois, every day. Their sparkling triple nickel-plated coats of impenetrable steel; their dominating seven-inch height; their big, bold, black, easy-to-read figures and hands; their big, easy-to-wind keys—all make Big Ben the world's master clock.

In return for one little drop of oil, he'll work for you a full year. From "Boots on" to "Lights out"—365 times—he'll guarantee to tell you the

time o' day with on-the-dot accuracy.

He'll guarantee to get you up either of TWO WAYS—with one long, steady, five-minute ring if you need a good big call, or on the installment plan, with short rings one half-minute apart for ten minutes, so you'll wake up gradually, and he'll stop short in the middle of a tap during either call if you want to shut him off.

Big Ben is a mighty pleasant looking fellow. His big, open honest face and his gentle tick-tick have earned him a place in thousands of parlors.

The next time you go to town call at your dealer's and ask to see Big Ben. If your dealer hasn't him, send a money order for \$1.00 to his makers—Hetcher, La Salle, Illinois—and he'll come to you prepaid.