

THE CANADIAN HORTICULTURIST.

n operation this year, and the estimated product of sugar is 180,000,000, or an increase of 100 % over 1897.

In respect to physical conditions affecting the growth of the sugar beet in this country, the Secretary says that the best results were reported from New York and Michigan.

This official statement justifies my assertion, that the sugar beet can be successfully produced in Ontario, for conversion into sugar.

The manufactory at Rome, New York, produced first-class granulated sugar, and another manufactory will be in operation in the State this fall. The season is later at Rome

this spring than at London or Goderich, and closes earlier in the autumn.

Favorable reports have been received from Wisconsin, Minnesota and South Dakota. It is found that the belt of territory included between the limits of the isotherms of 71 and 69 degrees may be regarded as the basis belt of the beet sugar industry. The best results are obtained within, or north of this belt, other climatic conditions being favorable. The extreme northern limits of beet sugar culture are determined only by the advent of freezing weather. This is important information for Canadian agriculturists.

FRANCIS WAYLAND GLEN.

Brooklyn.

* Our Book Table. *

BRUNTON'S HARDY PLANT CLUB AND INTERNATIONAL EXCHANGE, under the special care of Mr. Frank Brunton, importer and exporter of Nursery and Florist's stock, member Boston Horticultural Society, 136 Boylston Street, Boston, Mass.

YEAR BOOK OF THE DEPARTMENT OF AGRICULTURE, for the United States, 1897.

REPORT OF THE EXPERIMENTAL FARMS OF CANADA, 1897. Wm. Saunders, LL. D., Ottawa, director.

GREENHOUSE MANAGEMENT.—A manual for florists and flower lovers, on the forcing of flowers, vegetables and fruits in greenhouses, and the propagation and care of house plants, by L. R. Taft, professor of horticulture and landscape gardening, Michigan agricultural college, and author of *Greenhouse Construction*. Illustrated. 12mo, 400 pp, cloth. Price \$1.50 postpaid, Orange Judd company, New York.

This new work just published forms a companion or supplementary volume to *Greenhouse Construction* by the same author, although each of these books is complete in itself. The author has had unusual facilities for studying this entire subject practically as well as scientifically, and has here given the results not only of his own experience, but also those of many of the most skillful experts in their respective specialties.

It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, entire chapters being devoted to each of the leading crops, such as roses, carnations, chrysanthemums, violets, bulbs, smilax, ferns, orchids, etc.

The growing of fruit under glass is attracting the attention of commercial florists as well as amateurs, and the reader will find separate chapters devoted to the forcing of grapes, strawberries, peaches and other fruits. The forcing of vegetables also receives the

attention it deserves, and the raising of lettuce, radishes, cucumbers, tomatoes, mushrooms, etc., is explained at length.

The care of house plants is also treated quite fully, with detailed directions for propagating, preparing the soil, potting, watering and every part of their proper management. A chapter is also given on bedding plants, as well as on ornamental grasses, flowering and foliage plants. Other chapters are devoted to the propagation of plants from seeds, cuttings, layers and by grafting and budding. Of special value to many will be the directions for treating plants when attacked by insects and fungi. The preparation of the soil, the use of various manures, composts and fertilizers, watering, ventilating, heating, and in fact every detail of the subject to which the work is devoted, receives careful and minute attention.

MEEHAN'S MONTHLY, devoted to General Gardening and Wild Flowers. Published by Thomas Meehan & Sons, Germantown, Phila., Pa. Price, \$2.00 per year; \$1.00 for six months in advance. Conducted by Thomas Meehan, formerly Editor of the "Gardeners' Monthly" and the "Native Flowers and Ferns of the United States." Vice-President of the Academy of Natural Sciences, and Botanist to the Penn State Board of Agriculture.

A feature that in itself makes the work a standard authority, is the series of colored lithographs, illustrating some native flower or fern, one of which is presented with each issue, and which are executed in the most expert and artistic manner by Prang, the famous art publisher. A text of two pages, of descriptive and historical compositions, accompanies each. This series is practically a continuation of the famous work commenced in the "Native Flowers and Ferns of the United States," which was discontinued at the death of the publisher, after 192 plates were issued.

Write *Thomas Meehan & Sons, Germantown, Philadelphia*, for a sample copy.