

# Ontario Department of Agriculture

## ONTARIO AGRICULTURAL COLLEGE

### INTRODUCTION

The names of the books in the following lists have been supplied, in most cases, by the instructors in charge of the various departments at the Agricultural College and Macdonald Institute. A brief note has been added in each case, which will help to give some idea as to the contents and character of the book. Books such as these should be available in all public libraries to which the farmer has access; or they may be purchased from local dealers, or through the Students' Co-operative Association, Ontario Agricultural College, Guelph.

It should be noted, however, that the prices given in the bulletin are in all cases subject to change, owing to war conditions.

### BOOKS ON AGRICULTURE

#### THE SOIL.

**Soils.** By S. W. Fletcher; published by Messrs. Doubleday, Page & Co., New York. 1907; 438 pages. Price, \$1.75.

This book deals with soil formation, the qualities of different soils, soil moisture, tillage, methods of ploughing and cultivating, drainage, manure and commercial fertilizers.

**The Soil.** By A. D. Hall; published by Messrs. E. P. Dutton & Co., New York. 1908; 286 pages, illustrated. Price, \$1.50.

This is a simple treatment of soil problems. It deals with the origin of soils, questions involved in texture, movement of water, temperature, organisms and the chemical nature of soils. This involves a discussion of temperature, power of soil to absorb salts, causes of fertility and sterility of soils, etc. It is a practical book.

**Soil Fertility and Permanent Agriculture.** By C. G. Hopkins; published by Messrs. Ginn & Company, Boston, 1910; 653 pages, illustrated. Price, \$2.70.

This book is divided into four parts. The first part deals with science and soil, referring to the formation of soils and the plant food contained therein. The second part deals with systems of permanent agriculture and the conservation of the plant food constituents. Part three deals with the results of soil investigations. Part four deals with various fertility factors, including loss of plant food from soil, fixation of food in soils, amount removed by plants, etc.

**Soil Management.** By F. H. King; published by The Orange Judd Company, New York, 1914; 311 pages, illustrated. Price, \$1.50.

This book treats of the productivity of the soil, soil moisture, earth nutrients, lime soils, soils in relation to crops, reclamation of swamp lands, and other matters relating to soil management.

**Text-Book of Land Drainage.** By J. A. Jeffrey; published by The Macmillan Company of Canada, Toronto, 1916; 256 pages, illustrated. Price, \$1.25.

This book, as the title suggests, deals almost wholly with drainage systems and drainage problems.

**Crops and Methods for Soil Improvement.** By Alva Agee; published by The Macmillan Company of Canada, Toronto, 1912; 246 pages, illustrated. Price, \$1.50.

This book is intended to point out the facts relating to crops, methods and fertilizers that help to make and keep the soil productive.

#### AGRICULTURAL CHEMISTRY.

**Annual of Agricultural Chemistry.** By H. Ingle; published by The D. Van Nostrand Company, New York, 1902; 412 pages, illustrated. Price, \$3.00.

This is an excellent book, with a little more technical treatment of the problems relating to the feeding of crops, soils, etc.