

directions. Their eradication is consequently a public necessity, and all farmers should know what to do and be compelled to do it.

INSECTS INJURIOUS TO VEGETABLES, by F. H. Chittenden, Sc. D., U. S. Department of Agriculture. New York: Orange Judd Company, 439-441 Lafayette Street; 262 pages, 163 illustrations. (Price \$1.50)

The author of this excellent manual is so well known as a thoroughly skilled economic Entomologist from the numerous Bulletins that he has written, that it is hardly necessary to say a word regarding the accuracy, clearness and practical character of the book. All the insects that any vegetable grower is likely to meet with are described and figured, and plain, simple methods of control are given. The first four chapters give a brief account of the various orders of insects, the natural elements that control them, prevention by farming and mechanical methods, and the most approved insecticides, with directions for making and using them. The remaining chapters give full information respecting a great number of insects arranged under the vegetables that they attack. A list of publications on Economic Entomology and a copious index complete the work. Everyone who possesses a garden and tries to grow vegetables, should have this volume at hand for speedy reference when any insect foe attacks his crops; all the information needed for identifying the enemy and waging successful warfare against him can at once be found, and with little difficulty be put in practice. Students in Agricultural Colleges and teachers of Nature Study will also find much assistance in their work from the perusal of this volume, and will continue to regard it as a mine of useful information.

ONTARIO BULLETINS.

The Ontario Agricultural College, Guelph, has recently issued the following useful Bulletins on Economic Entomology. They can be procured on application to the Ontario Department of Agriculture, Toronto, by whom they are published:

INSECTICIDES AND FUNGICIDES (Bulletin 154), by Professor R. Harcourt and H. L. Fulmer, of the Chemical Department; 32 pages.

REMEDIES FOR THE SAN JOSE SCALE and the San Jose Scale Act (Bulletin 157); 12 pages.

INSECTS AFFECTING FRUIT TREES (Bulletin 158), by Professor C. J. S. Bethune; 36 pages, 50 illustrations.

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