BOOK REVIEWS

INORGANIC NUTRITION OF PLANTS

By D. R. Hoagland. Waltham, Mass.: The Chronica Botanica Co.;

THIS book records the seven Prather Lectures given at Harvard University on the subject of the inorganic nutrition of plants. The lectures cover, respectively, the following topics: A survey of problems of plant nutrition; micronutrient chemical elements and plant growth; the absorption and accumulation of salts by plant cells; upward movement and distribution of inorganic solutes in the plant; the growth of plants in artificial media in relation to the study of plant nutrition; some biochemical problems associated with salt absorption; and aspects of the potassium nutrition of plants as illustrating problems of the system, soil-plant-atmosphere. Twenty-eight excellent illustrations of experimental technics and results are included.

The purpose of the author seems to have been to present a broad view of the many interrelationships involved in plant nutrition, to emphasize the importance of new and coordinated approaches to the