BOOK REVIEWS

FOURTH INTERNATIONAL CONGRESS OF SOIL SCIENCE

Transactions

The first of the four volumes of these transactions contains the general lectures by T. Wallace, H. H. Bennett, and L. Dudley Stamp, and all or part of 108 additional papers on the physics, chemistry, biology, fertility, and conservation of soils, including consideration of tropical, subtropical, and saline soils. The second volume contains general lectures by Richard Bradfield and R. H. Scofield, and 79 other papers related to one or another phase of soil science. Volume three contains 45 more sectional papers, raising the total to 236. Volume 4 gives the discussions of the several sectional papers, the names of the committee members, addresses by C. H. Edelman, D. J. Hissink, and S. L. Mansholt, reports of discussions, and list of official delegates and members. The 1,112 pages of transactions contain a great variety of technical material, which constitutes a good cross-section of the thinking of the soil scientists of the world. Delegates from 39 countries were registered. A report is given of the reorganization of the International Society of Soil Science, under the chairmanship of Charles E. Kellogg. The present officers are R. Tavenier, Belgium, president; F. Jurion, Belgium, vice president; C. H. Edelman, Netherlands, past president; W. R. Domingo, Netherlands, secretary-treasurer. These transactions should be made available to every soil scientist. Membership in the International Society of Soil Science and attendance at the Congresses have great educational value. — Firman E. Bear.

ADVANCES IN AGRONOMY, Vol. III


Advances in Agronomy brings together in a single volume authoritative articles reviewing various fields in agronomy. It will be particularly welcomed because new developments are so diverse that few can keep well informed without the help of a book of this type.


The articles are well written and are well documented with references. This book will appeal to the specialist as well as to the general agronomist. — R. R. Robinson.

MOISTURE REQUIREMENTS IN AGRICULTURE


The author states the aims of the book in the preface as to (1) meet the need in colleges training engineers and technical workers in agriculture, and (2) prove a welcome companion and guide to a vast army of practical farmers, to general technicains in the field of agriculture, and to engineers located inconveniently far from adequate library facilities. To meet the above aims, the book must necessarily be comprehensive in its treatment of the field. The material in the book has been selected on the basis of the author's teaching experience and consulting experience in agricultural problems. The material covers three phases of irrigation practice: (1) "crop engineering"; (2) "soil-science relationships", and (3) "crop-type relationships and irrigation farm management."

The comprehensive treatment of the engineering aspects of irrigation makes the book a useful reference for the agricultural technician and a useful text for courses in elementary irrigation engineering. The treatment of such engineering material as the flow and measurement of water is not too complicated for techni-