**Book Reviews**

**PROCEEDINGS OF THE AUBURN CONFERENCE ON STATISTICS APPLIED TO RESEARCH IN THE SOCIAL SCIENCES, PLANT SCIENCES, AND ANIMAL SCIENCES, 1948**

_Auburn, Ala._: Statistical Laboratory, the Alabama Polytechnic Institute. Lithoprinted by Edwards Brothers, Inc., Ann Arbor, Mich. 91 pages. 10 cents.

This book contains lectures and abstracts of research reports presented at the Statistical Conference held on September 7–9, 1948, at the Alabama Polytechnic Institute. The contents are reported under four main headings—Social Sciences, Organization and Promotion of Statistical Activities, Plant Sciences, and Animal Sciences.

In the section on plant science, J. A. Rigney discusses "Techniques in Field Plot Experimentation", in which he considers such important aspects as shape and size of plots, replication, number of locations and seasons, and subsampling. A rather general lecture by G. W. Snedecor on "Some Principles of Experimental Design" emphasizes the need for experiments that are capable of yielding unambiguous answers to the questions asked. Lectures by H. L. Lucas and R. E. Comstock will be of particular value to those workers concerned with animal experimentation.

Although the articles and abstracts are quite brief, they have been carefully prepared so as to be as informative as possible in the space provided.—A. A. Hanson.

**PROCEEDINGS, AMERICAN SOCIETY OF SUGAR BEET TECHNOLOGISTS, 1948**


This is the third printed volume in the series of proceedings of its annual meetings issued by the American Society of Sugar Beet Technologists. The proceedings of the first two annual meetings of the Society were issued in mimeographed form.

The attractively bound volume contains, in addition to reports of the committees and officers, 123 papers presented at the meetings in 1948. Five of the papers are included under the heading of "General Sessions", while the remainder are classified under 12 section headings. These are:


In his presidential address at the beginning of the volume, H. E. Brewbaker gives a short history of the Society. The publication is indexed by authors, but does not contain a subject matter index. Copies may be obtained from the Office of the Secretary-Treasurer, The American Society of Sugar Beet Technologists, P. O. Box 531, Fort Collins, Colo.—M. R. Haag.

**AMERICAN POTATO YEARBOOK, 1949**

Edited by John C. Campbell. New York: C. S. Macfarland, Jr. 84 pages. $2.00.

The American Potato Yearbook for 1949 is a handbook for potato growers, potato research workers, and others engaged in the marketing and handling of potatoes. The editor, John C. Campbell, is assistant research specialist in plant pathology at Rutgers University. The publisher, C. S. Macfarland, Jr., is advertising manager for the American Potato Journal.

The handbook lists associations actively engaged in the improvement of the potato industry, persons and agencies in charge of seed certification in various states, recent references dealing with potato culture in the United States, rules and regulations affecting shipment of seed potatoes into various states, periodicals of interest to the potato industry, associations in Canada actively engaged in the improvement of the potato industry, a buyer's guide, and considerable statistical information. Copies may be obtained from the American Potato Yearbook, Business Office, 289 Fourth Avenue, New York 10, N. Y.—L. G. Monteyb.