MACHINES FOR POWER FARMING—This book combines tractor information with machinery information. It gives general information on each major machine; instructions for operation and field adjustments; maintenance and upkeep; and selection, management and economics of use. The book is quite detailed and most essential machines of modern agriculture are covered. By Archie A. Stone and Harold E. Galtin, John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, N. Y. 616 pages, $5.95. 1957.


INDEX OF AGRICULTURAL RESEARCH—This book lists all of the articles covering research sponsored by state aided agricultural research in the United Kingdom. Information is listed in a classified subject index which brings together items in the same fields of inquiry and in animal and crop indexes which lists research directed toward improved production in particular types of farm livestock and crops. All research work undertaken by state sponsored institutions is included. Cambridge University Press, 32 East 57th Street, New York 22, N. Y. 189 pages, $4.00. 1957.

AMERICAN TOMATO YEARBOOK—Contains interesting and vital information to the tomato grower, the tomato dealer and shipper, the tomato canner and tomato research specialist as well as all those who are interested in the tomato industry. There is a complete and up-to-date list of recent reference to tomato culture, tomato diseases, pests and their control. American Tomato Yearbook, 6 Elm Street, Westfield, New Jersey. 40 pages, $8.00. 1957.

A RECORD OF RESEARCH: IV—A report and listing of published articles of statistical research conducted by The Institute of Statistics and its associated workers. A short report of each project of the current research undertaken by this institution and the publications of all staff members are listed. It covers the period July 1, 1955 to June 30th, 1957. The Institute of Statistics, Consolidated University of North Carolina, Raleigh, N. C. Gertrude M. Cox, Director. 43 pages. 1957.

ARTIFICIAL STIMULATION OF RAIN

The subtitle is more descriptive than the title: "Proceedings of the first conference on the physics of cloud and precipitation particles, held at Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, September 7 to 10, 1955." Only 2 of the 47 papers deal directly with rainmaking experiments in the sky. Most of the other papers reflect the mood of the opening sentences of a paper by the senior editor: "When the reports of artificial rainmaking spread from this country to Europe, the author was in charge of a mountain observatory of the German Weather Service. At that time and still nowadays, our basic knowledge of precipitation processes was too limited in order to be able to judge completely the potentialities of rainmaking. It was clear that somehow we had to learn more about the formation of precipitation..." (p. 315). The nature of the studies that have been undertaken are given by the titles of the four major parts of the book: Part 1—Aerosols: their origin, distribution and measurement. Part 2—Condensation and coagulation, measurement of cloud and raindrop size; rain from water clouds. Part 3—Freezing and melting: studies of snow and ice in the generation of precipitation. Part 4—Crystal growth and nucleation; laboratory and field studies.

The participants in the symposium were mostly specialists in cloud physics research working in the U. S. federal scientific services or doing contract research sponsored by them. Canada, Mexico, and Japan were also represented. It is an understatement to say that these people are the leaders in the field of cloud physics in North America; they well nigh are the field. The discussions which follow each paper show the liveliness and effectiveness of the symposium. They also reveal good editing. Many people have much to say, and they manage to get it said briefly and clearly. The individual papers are neatly finished, with clear diagrams, graphs, and photographs. The paper, printing and binding by Pergamon Press are of excellent quality. The book measures 7½ by 10 by 1¾ inches and weighs 2½ pounds. It cannot be read at one sitting. A course in physical chemistry is better background for understanding many of the papers than are 3 or 4 courses in meteorology.—WINTON COVEY.

WILEY AWARD FOR AGRICULTURAL CHEMISTS
The Association of Official Agricultural Chemists invites nominations for the second Harvey W. Wiley award for the development of analytical methods. This award was established by the Association at its 1956 meeting in honor of Dr. Harvey W. Wiley. The second award of $500 will be made at the Association's 72nd annual meeting in October 1958.

Nominations must be accompanied by a biographical sketch of the nominee, including date of birth, a list of his publications and writings, specific identification of the work on which the nominations is based and an appraisal of the nominee's accomplishments especially as they relate to the award.

Nominations should be sent to the Association Secretary, Box 540, Benjamin Franklin Station, Washington 4, D. C. before April 1 of this year.

PERSONNEL SERVICE
POSITION WANTED
Colloid Chemist; age 34; Ph.D.; 7 years experience soil physical chemistry in prominent British laboratory, 3 years American universities, seeks opportunity to undertake fundamental research in soil chemistry or nutrient uptake. Write AJ 3-1

Agricultural microbiologist, Ph.D., wishes research or teaching position. Experience in research on nitrogen-fixing bacteria, microflora of forage plants, and fermentation of plant material. Also teaching experience. Available June 15. Write AJ 3-2

POSITION AVAILABLE