

operations of the FDA, in a recent talk at the Oak Ridge Institute of Nuclear Studies, clarified the attitude of the FDA regarding the use of radioisotopes under the food and drug laws.

Discussing the use of radiation and radioisotopes in food sterilization Rankin acknowledged that it was an attractive goal to strive for but before it would be practical there must be more information on the following problems: the molecular changes which occur during the sterilization of food and drugs; whether

the irradiation has any adverse effect upon the nutritional value of the food or the therapeutic efficacy of the drug; whether the irradiated products are toxic in any respect. The answers to these problems can only be determined by research on each product for which cold sterilization is proposed. He urged the industry to continue their present studies on these problems, observing that the absolute safety of cold sterilization must be established before it can be approved by the FDA.

and related insecticidal analogs inhibit susceptible esteroytic enzymes. This research is expected to assist also in a clarification of the ripening and spoilage processes in fruits and other crops.

Also honored were:

**Fred C. Bishopp** of the Bureau of Plant Entomology and Plant Quarantine for directing research which has resulted in effective methods for controlling pests.

**Henry A. Jones**, Bureau of Plant Industry, Beltsville, Md., for research into the genetics of cytoplasmic male sterility in plants.

**J. M. Mehl**, administrator of the Commodity Exchange Authority, for vision and leadership in developing Federal regulation of futures trading in agricultural commodities.

**Ernest Ralph Sasscer**, Bureau of Entomology and Plant Quarantine, for inspirational leadership in planning, organizing, and directing USDA's activities against the entry and spread of plant pests.

**R. W. Trullinger**, chief of the Office of Experiment Stations, for vision and leadership in research administration.

**John L. Horsfall** has retired from his post as chief entomologist for American Cyanamid Co., the position he has held since 1944. From 1920 to 1925, he was associate professor of entomology at Pennsylvania State College, and went to Cyanamid for a year. From 1926 to 1928 he did research for the Bayer Co., returning to Cyanamid in 1928. He played a key role in the development work on parathion and malathion, two insecticides manufactured by Cyanamid.

**W. G. Nibler** has been appointed extension farm crops specialist at Oregon State College. Mr. Nibler joined Oregon extension service in 1940 as assistant county agent in Columbia county and has been serving as Columbia county's extension agent since 1947.

**Charles E. Brooker** has been appointed assistant sales manager of Pennsylvania Salt Mfg. Co.'s food industries department. Mr. Brooker joined Pennsalt in 1950 and has been specializing in dairy and beverage plant applications of sanitary chemicals, cleaning operations, and bottle washing.

**C. A. Stiegman, M. L. Parker, Harold L. Townend, and N. Harold Fyffe** have been made vice presidents of Oldbury Electro-Chemical Co. Mr. Stiegman will also serve as the company's technical director. Mr. Parker will be in charge of production; Mr. Townend, in charge of engineering; and Mr. Fyffe, in charge of sales.

**People**

**Two USDA Chemists, Other Scientists Receive Distinguished Service Awards**

The Department of Agriculture presented Distinguished Service Awards to seven employees and two works units on May 19 in Washington. Among the honored employees were two chemists—**Sterling B. Hendricks** and **Allene R. Jeanes**.

The employees received their awards and a handshake from Secretary of Agriculture Benson at special ceremonies on the Washington Monument grounds.

Dr. Hendricks, who is with USDA's Bureau of Plant Industry, Soils, and Agricultural Engineering, received his award in recognition of his many contributions "of fundamental knowledge to the advancement of science." His work has been in a number of fields and he has published more than 150 articles to the scientific literature.

Dr. Jeanes, of the Bureau of Agri-

cultural and Industrial Chemistry at Peoria, Ill., was honored for her "pioneering chemical research on dextrans and for leadership and effective contributions in an extensive research program for national defense which expedited the development of blood plasma substitutes from dextrans."

One unit award honored the animal fat oxidation unit at Wyndmoor, Pa., for research which led to large-scale commercial development of epoxidized fatty products for stabilizing plasticizers.

The project on the action of diisopropyl fluorophosphate (DFP) on esterolytic enzymes received the other unit award. The citation stated that this work was an outstanding contribution to agricultural chemistry, science, and the defense effort through the discovery of manner in which DFP

USDA chemist Sterling B. Hendricks receives Distinguished Service Award and handshake from Secretary of Agriculture Ezra Taft Benson

