

On The Cover

A Plant Geneticist at Work

THE PLANT GENETICIST is devoted to the improvement of nature. For by the scientific identification of genes and chromosomes and the recombination of these hereditary factors, new varieties of plants are created to increase the yields of food crops.

Here geneticist E. G. Williams is conducting an experiment on cross pollination of Ladino clover. Under natural conditions the clover flower is self pollinated by the honey bee, in the laboratory the pollen is taken from the anther of one plant and transferred to the stigma of another. Here the anthers are being removed to prevent the plant from pollinating itself.

Photo Courtesy USDA

PEOPLE

McClure Named President Of Carbide & Carbon

Harry B. McClure has been appointed president of Carbide and Carbon Chemicals Co., a division of Union Carbide and Carbon Corp. He succeeds J. G. Davidson, who becomes chairman of the division. McClure's first position with Carbide was as a research fellow at Mellon Institute, from which he went into sales work. In 1936, he became head of the fine chemicals division; in 1944, a vice president; and last June, he was appointed executive vice president.

P. L. Veltman has been advanced by Davison Chemical to director of research and development.

He had been manager of the company's laboratories in Baltimore. Ralph E. Hope, former manager of research engineering, becomes assistant director; succeeding him as manager of research engineering is L. L. Baral. W. K. O'Loughlin becomes assistant director and is succeeded as manager of the development department by O. D. Myrick. Edwin M. Glocker has been made manager



H. B. McClure



P. L. Veltman

of the research statistics department, a new post. Luther O. Young will be manager of the application research department. C. D. Helm and A. J. Antonius will be staff assistants to P. W. Bachman, vice president in charge of the division.

William A. Willis has been made superintendent of Virginia-Carolina Chemicals' new triple superphosphate production unit near Nichols, Fla. Also named to posts at the new unit were: William C. Thomas and Joseph W. Venable, assistant superintendents; James E. Hatch, assistant superintendent in charge of the sulfuric acid plant; and M. J. Houston, plant engineer.

Dan J. Keating has been appointed director of sales for Stauffer Chemical's



D. J. Keating

newly organized agricultural chemical's division. His headquarters will be in New York. Keating was formerly manager of the Pacific Northwest Division of the company. John H. Kennedy will be eastern sales manager of the agricultural chemicals division and Robert A. Lamoree, western sales manager.

Norvald C. Gomness has joined the development department of Monsanto's merchandizing division to work on the development of large scale applications of Krilium soil conditioners and other garden products. He will reside in Santa Clara, Calif.

R. W. Breidenbach has been appointed assistant general manager of Commercial Solvents' agricultural chemicals sales department, with headquarters in New York City. He has been directing development of distribution for the company's increased production of agricultural nitrogen.

H. E. Carter will become head of the University of Illinois Department of chemistry and chemical engineering on Sept. 1, succeeding Roger Adams, who has been head of the department since 1926. Dr. Carter has been head of the biochemistry division of the department. Dr. Adams will continue at Illinois as research professor.

Reid T. Milner replaces Louis B. Howard as director of the University of Illinois department of food technology. Dr. Milner was director of the USDA's Northern Regional Research Laboratory. Dr. Howard will continue as associate director of the university's agricultural experiment station.

Augustine R. Marusi has been named president of Borden Co.'s chemical

division, succeeding William F. Leicester, who will continue as chairman of the division's board and a vice president of Borden. Mr. Marusi has been serving as vice president in charge of the eastern operations of the division.

Marion W. Parker has been appointed head of the weed research section, fields crops research branch, agricultural research service, USDA. He succeeds Roy L. Lovvorn, who has accepted the position of director of resident instruction at North Carolina State College.

F. H. Ludington, Jr., William N. Brock, and A. H. Nuhn have been elected vice presidents of Chase Bag Co. The company also elected M. J. Bender secretary.

Darrell C. Drake of Du Pont's agricultural product development section has been transferred from San Antonio, Tex., to Memphis, Tenn., to do field work in the mid-South with herbicides, fungicides, and insecticides.

Proctor H. Avon has been appointed director of engineering for Monsanto's organic chemicals division. He succeeds Willis M. Cooper, who has been promoted to director of engineering for the new research and engineering division.

Lorraine S. Gall of National Dairy Research Laboratories has been awarded a senior research Fulbright grant to study the role of rumen bacteria in ruminant metabolism at the Wallaceville Animal Research Station near Wellington, New Zealand.

Lauren B. Hitchcock, former president of National Dairy Research Laboratories and more recently a New York management consultant, has accepted the presidency of the Southern California Air Pollution Foundation, Los Angeles. Because of this change in research fields, Dr. Hitchcock has resigned from the Advisory Board of the JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY.

Varnum D. Ludington has joined the staff of General Foods Central Laboratories in Hoboken, N. J., as section head in product and process development. He was formerly technical director of research and quality control for Clapp Baby Food Division of American Home Foods. Also joining the General Foods laboratories is Lester Chirgwin, formerly with Spencer Kellogg; Mrs. Mavis Carroll, formerly with E. R. Squibb; Michael Sivitz, most recently with Argonne National Laboratory; Lorraine Bara, formerly with Merck; Enid Denker; and Valentine Fischer.

Martin E. Weeks has been named assistant director of the TVA division of agricultural relations. Dr. Weeks has been with TVA since 1952 as agriculturist in the fertilizer distribution branch.