

were recently razed and adjacent to the present administration building. The new center will contain a pilot plant, experimental kitchens, research laboratories, quality control laboratories, and the scientific library of the company's research and quality control division, and also the executive offices of the company.

In the new center all laboratory and research activity will be gathered under one roof except crop research, which will continue at the experimental farms in Ohio.

The pilot plant will be versatile enough to take any product recipe of the experimental kitchens and develop the appropriate processes for factory production, according to the announcement.

### High Analysis Insecticides Studied by Texas A&M

The department of entomology of Texas A&M College has undertaken studies to evaluate new formulations of high analysis insecticides, R. D. Lewis, director, has announced. The evaluations, if successful, will provide more effective control of cotton insects.

The work is being done under a grant from Olin Mathieson Chemical Corp.

### Five-Year Project on Forest Insects Starts at U of Calif.

A five-year project on two of California's most damaging forest insect problems is now getting under way at the University of California. These two are bark beetles, which last year destroyed almost \$9 million of California commercial pine, and insect pests of pine cone and seed. Insect damage to cones and seeds threaten forest regeneration and the establishment of new stands.

The study will be made under a \$50,000 grant from the Gilbert M. Walker Trust Fund. In charge of the work will be Arthur D. Moore, assistant specialist in forest entomology at the Oxford tract of the college of agriculture in Berkeley.

### MH-40 Said to Improve Potato Chips

Potatoes treated with MH-40, maleic hydrazide growth regulator, to prevent sprouting apparently produces crisper, more golden potato chips, according to the Naugatuck Chemical Division of U. S. Rubber, producer of MH-40.

The company reports that Hoff & Co., potato brokers of Wellington, Ohio, unknowingly bought a shipment of potatoes that had been treated with MH-40. Hoff sold the potatoes to a potato chip manufacturer who noted that the shipment produced crisper, whiter chips than ordinary potatoes.

Apparently MH-40 prevents a build-up of sugar in stored potatoes. Sugar, it is said, is formed as potatoes go pulpy in storage and blackens the chips and makes them less crisp. Judd Hoff, president of the brokerage firm, says his company will insist that growers who plan to sell potatoes to the firm for storage use MH-40.

## ASSOCIATIONS

### NAC to Hold Spring Meet in Florida

The National Agricultural Chemicals Association will hold its spring meeting in the Hollywood Beach Hotel, Hollywood Beach, Fla., March 14 to 18, 1956, according to an announcement by L. S. Hitchner, executive secretary of the association.

### Physics in the Food Industry, Subject of Texas Meeting

A symposium on Physics in the Food Industry is being planned for March 15 and 16 at the Plaza Hotel in San Antonio, Tex. Southwest Research Institute and the Institute of Food Technologists are joint sponsors.

Among the subjects to be taken up are ultrasonics, x-ray and gamma ray inspection, electrostatics, dielectric heating, radiation sterilization, and radiofrequency spectroscopy as they could be used in preserving, packing, and processing foods.

John O'Meara of SRI is program chairman. On the planning committee are L. E. Clifcorn, president of IFT, and C. S. Lawrence, executive secretary of IFT.

### Newer Vitamins Subject of Symposium at Vanderbilt

A symposium on the role of some of the newer vitamins in human metabolism

and nutrition is to take place at Vanderbilt University, Nashville, Tenn., on Oct. 21 and 22. The symposium is supported by the National Vitamin Foundation. William J. Darby, director of the division of nutrition, departments of medicine and biochemistry at Vanderbilt, is directing the symposium.

### Nutrition Developments to Be Aired at Public Health Meet

Reports on food and nutrition developments as they affect public health will be presented before the annual meeting of the American Public Health Association in Kansas City, Mo. The meeting is scheduled for Nov. 14 to 18.

Among the subjects on the food and nutrition program are: Problems of child nutrition in Central America and the work of INCAP, foods for the upper age group, new processed foods for the convenience of the consumer, recent advances in the dehydration of foods and their place in the diet, detection of antibiotics in milk, a new approach to nutrition education, and nutritional status of the aging.

W. H. Sebrell, Jr., of the National Institutes of Health will present the paper on child nutrition in Central America.

## PEOPLE

### New Directors for NAC

James D. Hopkins, William J. Liipfert and Loren P. Scoville have been elected to serve five-year terms on the board of directors of the National Agricultural Chemicals Association. Hopkins is president of Hopkins Agricultural Chemical Co; Liipfert is senior partner of Woolfolk Chemical Works, Ltd.; and Scoville is general manager of the chlorinated products division of Diamond Alkali. They succeed retiring members, A. W. Mohr of Calspray; Russel B. Stoddard of Food Machinery; and T. L. Wilkerson of American Cyanamid. W. W. Allen of Dow and Fred W. Hatch of Shell were reelected to second terms as president and vice president, respectively.

G. L. Bridger, fertilizer production consultant and head of the department

G. L. Bridger



of chemical and mining engineering at Iowa State College, has joined Davison Chemical Division of W. R. Grace as director of agricultural research. Vincent Sauchelli, agricultural authority of long association

## CALENDAR

Fertilizer Section, National Safety Council. LaSalle Hotel, Chicago, Ill. Oct. 17-18.

International Conference on the Use of Antibiotics in Agriculture. Washington, D. C., Oct. 19-21.

Symposium on Applications of Radioactivity In Food Processing. Hotel Sheraton Plaza, Boston, Mass. Oct. 19-21.

Symposium on Newer Vitamins. Vanderbilt University, Nashville, Tenn. Oct. 21-22.

World Symposium on Applied Solar Energy. Westward Ho Hotel, Phoenix, Ariz. Nov. 1-5.

with Davison, has been named Chief Agronomist of the company. Before becoming department head at Iowa State in 1947, Dr. Bridger was chief of the process development division of the Tennessee Valley Authority for three years.

**Kenneth A. Keith** has been appointed to manager of agricultural chemical market research for Spencer Chemical Co. For the past four years he has been Wisconsin sales representative of the company.

**Harry S. Ferguson**, vice president of Allied Chemical & Dye, has been elected to membership on the board of directors of the Manufacturing Chemists' Association.

**Dorothy Harrison** has been appointed head of the Kansas State College department of foods and nutrition. She has been in charge of the college's home economics research.

**D. H. Wheeler**, principal chemist at General Mills, will assist the Southern Regional Laboratories, USDA, by examining its vegetable oil and pine gum programs as a collaborator.

**C. E. Campbell**, former director of research extension for United Fruit, has joined Velsicol to serve as its technical representative in the Washington, D. C., area. He will be responsible for maintaining contacts between Velsicol and various federal agencies.

**William F. Watkins** has been named agronomist for the Great Lakes sales district of Olin Mathieson Chemical in Lafayette, Ind.

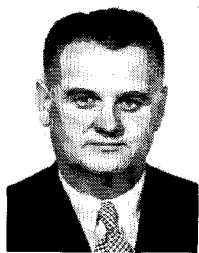
**Iain MacSwan** has been appointed extension plant pathology specialist at Oregon State College. He comes from the British Columbia department of Agriculture at Vancouver.

**Robert M. Book** and **Wilbur C. Nickel** have been named agricultural representatives in the agricultural and industrial division of Eli Lilly & Co. They will work with feed manufacturers, providing them with information about Lilly's growth stimulant diethylstilbestrol.

**Walter Gibbs** has been named purchasing agent for Michigan Chemical Corp. He has been serving as acting purchasing agent.

**Bernard M. Machen** has been named assistant general manager of chemical sales for Lion Oil. He was district sales manager at Montgomery, Ala.

**Carl H. Pfrommer**, assistant director of operations for Michigan Chemical, has transferred to New York to join the company's staff for sales and service assignments there and in New England.



S. H. McAllister

Allister was previously associate director of the division.

**Robert B. Boyd** has been appointed sales manager of Oldbury Electrochemical Co. **Fred H. Berggren** becomes assistant sales manager and **J. Howard Brown**, assistant technical director.

**W. L. Dixon, Jr.**, has been named general manager of Western States Chemical Corp. **W. W. Rowbotham** will serve as plant manager of the company plant now being built at Nichols, Calif.

**Charles P. Neidig** has become a general partner of the investment banking firm of White, Weld, & Co. He has served as chemical specialist for the firm since leaving Atlantic Refining in 1952.

**Ross Brian** has joined McMillen Feed Mills, a division of Central Soya, as senior chemical engineer. He was previously with A. E. Staley. **James R. Allen, Jr.**, has joined the firm as director of field service.

**Solomon Epstein**, executive vice president of Emulsol Chemical Corp., has been assigned the duties of general manager of the company. **Charles Fuchs**, formerly chief chemist of Emulsol, has been elected vice president in charge of research and development.

**George B. Baylis** has been elected an assistant treasurer of Hercules Powder. Replacing him as secretary will be **J. H. Tyler McConnell**, formerly assistant to the company president.

**Arthur P. Kroeger**, a director of sales for Monsanto's organic chemicals division, has been appointed to the newly created position of associate director of marketing for the division. **Cyrus W. Merrell**, also a director of sales, becomes assistant to the director of marketing, another new post. **William M. Russell**, director of sales-operations, and **Tullius C. Tupper**, director of sales-planning, have exchanged duties, Russell assigned to planning and Tupper to operations.

**Rudy Peterson** has left General Petroleum to join American Potash and Chemical as senior process engineer.

**S. H. McAllister** becomes director of Shell Development's agricultural research division Sept. 15, succeeding **D. L. Yabroff** who has been named head of market development for Shell Chemical. Mc-

**John B. Pitner** has left Clemson Agricultural College, where he was head of the agronomy department, to become manager of agricultural service for Grace Chemical Co.

**Edwin M. Haun** has been named inorganic development manager for Monsanto Chemical's overseas division. He has been in the division since 1953 serving as a project supervisor in the development department.

**Thaddeus Parr**, formerly of Pennsalt, has joined Pittsburgh Coke & Chemical's research and development department. He will serve as advisor to the agricultural chemicals research group and assist the agricultural chemicals division on field testing and sale of insecticides.

**Carlton L. Horine** has joined Brea Chemicals as senior process engineer in the development department. He has been at the U.S. Naval Ordnance Test Station at Inyokern, Calif., as senior production engineer.

**Horace M. Armitage** will retire Nov. 1 as chief of the Bureau of Entomology of the California Department of Agriculture and plans to become a consulting entomologist. He has been responsible for devising the program to suppress the Khapra beetle, major pest of stored grain and seed.

**Byron P. Webster** has resigned the vice presidency of Chipman Chemical Co., Inc., because of poor health. He will continue as a company consultant.

**George E. Holm**, special assistant to the chief of USDA's Eastern Utilization Research Branch, retired Sept. 1. Former head of the dairy products research laboratories, Dr. Holm received the Borden Award from the AMERICAN CHEMICAL SOCIETY in 1942 for his "research in basic causes and control of oxidative deterioration of fats and oils, prevention of spoilage of dairy products by oxidation of milk fat, and constitution of fats and other compounds of milk."

**Harold S. Olcott** has left USDA's Western Regional Research Laboratory, where he was head of the field crop section, to become professor of marine food technology and marine food technologist on the staff of the University of California's Institute of Marine Resources. With his headquarters on the Berkeley campus, Olcott will direct research work leading toward advanced degrees in food science and comparative biochemistry.

**George L. McMahon** has been appointed to the newly created position of executive vice president of Vulcan Containers, Inc. He steps up from the post of vice president in charge of all manufacturing departments and personnel.