

use storage capacity. A carbon dioxide plant also is in full production, with 70 tons of dry ice per day. An ammonium phosphate plant is under construction within the present plant area.

### Girdler Completes Hydrogen Plant for Newport Industries

As part of its current expansion program, Newport Industries, Inc., recently added a Hygirtol hydrogen manufacturing plant to its facilities at Pensacola, Fla. It is designed to operate over a wide production range. Girdler Co., a division of the National Cylinder Gas Co., performed all design, engineering, procurement and construction services.

The hydrogen is produced by the catalytic steam-reforming of natural gas. Two stages of carbon monoxide conversion, each followed by carbon dioxide removal, and a final methanation stage are employed for the purification of the reformer furnace effluent. The purified hydrogen is compressed to 1050 pounds per square inch gage. At this pressure it will be used in a hydrogenation process to be placed in operation as soon as other facilities are completed by Newport Industries, Inc.

The hydrogen is employed in edible oil hardening and coal hydrogenation, and in the production of hydrogen chloride, ammonia, nylon intermediates and other petrochemicals.

### American Potash Operating New Control Laboratory

American Potash & Chemical recently put into operation its new \$150,000 control laboratory at Trona, Calif. The dustproof, air-conditioned laboratory is of all-metal windowless construction and measures 60 by 40 feet. The laboratory will be used to test chemical solutions, before, during, and after processing. Over 60,000 individual tests are made each month.

### Education

#### Rutgers Offers 4-Year Dairy Administration Course

Rutgers University has announced that it will offer a four-year course in dairy administration for the first time this year.

The course is designed to supply graduates with training in business methods and dairy technology, including also a background in liberal arts, according to Samuel A. Lear, associate professor of dairy industry at the college of agriculture. It is expected that graduates of this course will be equipped to fill such

positions as teacher, research worker, laboratory technician, dairy products processor, quality control supervisor, dairy plant manager, and salesman in the dairy industry and allied fields.

Dr. Lear stated that the new course was made possible by eliminating certain requirements for subjects such as geology and advanced chemistry and permitting the student a wider choice among the liberal arts and in such courses as letter writing, public speaking, and management.

The University of Georgia has a similar course, which it is offering this year for the first time.

Further information can be obtained from Westervelt Griffin, assistant dean, College of Agriculture, Rutgers University, New Brunswick, N. J.

### Research

#### Cigar Manufacturers to Increase Research Grants

The Cigar Manufacturers Association of America announces that in order to expand its research program additional grants will be made available for scientific studies on the genetics, biochemistry, and chemistry of cigar tobacco types.

One of the purposes of these studies is to enhance the present knowledge of the substances present in the leaves of cigar tobacco types, and of the chemical conversions which these substances undergo during the various stages of the industrial processing and during the smoking of cigars.

All applications for research grants should be sent to Charles H. Horn, CMA Research Committee, Room 1321, 350 Fifth Ave., New York 1, New York. The scientific members of the CMA Research Committee will screen applications and award the research grants.

### People

#### New Officers of Olin Mathieson Chemical

F. Stillman Alfred, John C. Leppart, and Stanley de J. Osborne have been elected executive vice presidents of the new Olin Mathieson Chemical Corp. Other officers of the firm, all of which were formerly with one or the other of the predecessor companies, are: **Russel R. Casteel**, vice president; **Norman H. Collisson**, **Donald W. Drummond**, **R. L. Hockley**, **Milton F. Meissner**, **S. L. Nevins**, and **J. J. Toohy**, vice presidents for operations; **Fred Olsen**, vice president for research; **Russell Hopkinson**, vice president for development; **Ralph A. Ostberg**, vice president for produc-

tion; **Robert W. Lea**, vice president for organization; **R. B. Lewis**, vice president for financial analysis; **David T. Marvel**, vice president for sales; **Theodore Weicker, Jr.**, vice president for overseas operations.

**Otto Vasak** has been appointed research engineer at California Spray-Chemical's plant in Richmond, Calif. Formerly a staff engineer at the plant, he will now be in charge of the main pilot plant engineering for manufacture of Orthocide.

**Charles E. Trunkey** has been named assistant secretary of the Middle West Soil Improvement Committee. He is a recent graduate in agronomy of Iowa State College.

**M. K. McConnell**, former manager of the USDA's soil conservation office in Richland Parish, La., has joined the agricultural chemicals sales department of Commercial Solvents.

**Desmond B. Hosmer** has been named manager of Monsanto's plant at Anniston, Ala., replacing **Wallace K. Belin**. Mr. Belin is to become production manager of the plant now being built at Kearney, N. Y.

**George Reiger** has left Hercules Powder, where he served as assistant manager of the sales research division, to become head of the market research activities of Diamond Alkali's new commercial development department. His headquarters will be in Cleveland.

**Wayne S. Dodds**, has left Northwestern Technological Institute where he was executive director of the chemical engineering laboratory to join the central laboratories of General Foods. He will be an assistant laboratory director in engineering research and development. Other new members of the laboratory staff of Hoboken, N. J., are **John A. Rikert**, a recent Ph.D. from Rutgers, and **Edith B. Bleisch**, a 1954 graduate of the University of Rhode Island.

**Eugene Butler**, president of the *Progressive Farmer* and editor of the magazine's Texas Division has been named chairman of the Beltwide Pink Bollworm Committee. He succeeds **George A. Simmons** of Lubbock, Tex.

### Deaths

**Harry F. Dietz**, manager of the agricultural chemicals section of the Grasselli technical division of Du Pont, died of a heart attack on Sept. 4 at the age of 64. Dr. Dietz had been with the Grasselli division since 1932 and before that was in entomological work in Indiana, Ohio, and with USDA.