

**FOREIGN**

**Nitrogen Fertilizer Plant Planned for Italy**

A 350,000-ton nitrogen fertilizer plant is to be built in connection with a butadiene and synthetic rubber plant being planned for Ravenna, Italy, in the Po Valley.

The facilities are to be built by Azienda Nazionale Idrogenazione Comustibili at a total cost of \$75 million. Union Carbide & Carbon Corp. is to act as a consultant in the planning, design, construction, and start-up.

**\$25 Million Urea Plant to Go Up in Korea**

The Republic of Korea has notified McGraw-Hydrocarbon that it has been selected to negotiate a contract for constructing a \$25 million urea plant. The company, a joint venture of F. H. McGraw & Co. and Hydrocarbon Research, Inc., has that preliminary engineering and survey work will begin immediately with completion expected in 30 months.

The urea fertilizer plant is to have an annual capacity of 80,000 tons, nearly a third of Korea's needs, and is being financed by the U. S. Foreign Operations Administration.

**Brea Appoints Mexican Distributor**

Durham Chemical announces that its Mexican affiliate, Quimica Agricola del Pacifico, Mexicali, has been named by Brea Chemicals to distribute aqua ammonia and ammonium phosphate in Lower California.

The Mexican subsidiary is also expanding its insecticide branch and is buying land in Hermosillo for a warehouse and office to service increasing business in the Sonora area.

**ASSOCIATIONS**

**True Morse Featured Speaker at NAC's St. Louis Meeting**

True D. Morse, Undersecretary of Agriculture, is scheduled to be the principal speaker at the National Agricultural Chemicals Association Meeting this month. The meeting takes place March 7 through 9 at the Hotel Chase in St. Louis.

Other features of NAC's spring meeting are panel discussions on the Miller Bill, herbicides, and soil insecticides.

On the Miller Bill panel will be: Winton B. Rankin of Food and Drug, W. G. Reed of USDA, John D. Conner, NAC

counsel, and J. A. Noone, NAC technical adviser. Lea S. Hitchner, executive secretary of the association, will act as moderator.

The relatively new field of soil insecticides will be explored by the following panel: O. N. Allen of the University of Wisconsin, C. C. Compton of Shell Chemical, G. W. Decker of the University of Illinois, and John H. Lilly of Iowa State College.

Scheduled to be on the herbicide panel are: A. E. Carlson of Du Pont, M. W. Parker of USDA, Lloyd Sherwood of Monsanto, H. L. Smith of Dow, and R. D. Sweet of Cornell University.

Other speakers on NAC's program will be Fred Heinkel, president of the Missouri Farmers Association, Inc., Donald A. Wilbur of Kansas State College, and J. L. Gillis, vice president of Monsanto. Mr. Hitchner and W. W. Allen of Dow, president of NAC, will also address the meeting.

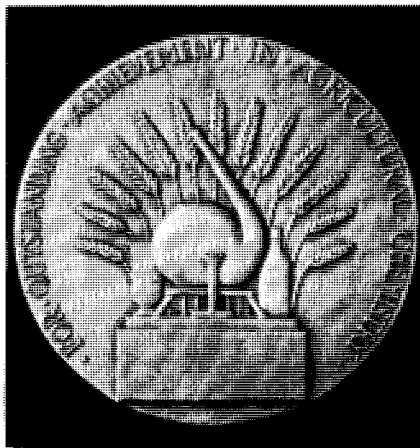
**Spencer Founds ACS Award in Agricultural Chemistry**

Kenneth A. Spencer, president of Spencer Chemical, has founded an award in agricultural chemistry in honor of his father, Charles F. Spencer. The award, a gold medal and \$500, is to be administered and presented annually by the Kansas City Section of the AMERICAN CHEMICAL SOCIETY.

The field of agricultural chemistry is to be interpreted as including food chemistry. The award is not to be limited to research contributions—contributions through industry and education are also eligible.

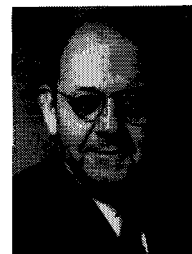
There is no field of human endeavor so enduringly important to man's welfare as the field of agricultural and food chemistry. Men of vision in agricultural

The medal to be awarded by the Kansas City Section for contributions made to agricultural chemistry. On the other side of the medal is a profile of Charles F. Spencer



chemistry have always labored to improve on life's necessities by providing more nourishing foods, better shelter, and better clothing. If man is to continue to have an improved standard of living, these endeavors must make vigorous progress. To this end it is a pleasure for me to make available this award . . . which will perhaps stimulate continued high endeavor in this field."

Charles F. Spencer, for whom the award is named, died in 1942 at the age



C. F. Spencer

of 69. His interest in coal and chemicals advanced the chemical industry's growth in Midwest. At the time of his death, the famous Kansas journalist William Allen White editorialized in the Emporia (Kans.) Gazette: "He was, when he died, in the midst of developing, through chemistry, a really great future for Kansas. No dreamer was he, but a hard-fisted, hard-headed, cold-blooded competent businessman who knew that modern chemistry holds the key to the brave new world, opening out in the latter part of this century."

Selection of the winner will be made by a jury of 12 members of the ACS, selected by the Kansas City Section from the membership at large to represent fairly industry, research, and education. Nominations for the award must be made by June 1, and the selection is to be made by Sept. 1. Nominating blanks and instructions can be obtained from: Chairman, Charles F. Spencer Award, AMERICAN CHEMICAL SOCIETY, 425 Volker Boulevard, Kansas City 10, Mo.

**Atomic Energy for Food Sterilization on Agenda**

Applications of atomic energy in the food industry, including cold sterilization and eradication of insects, will be discussed during a two-day conference on atomic energy at San Francisco April 4 and 5. The conference will have as its theme "Atomic Energy—The New Frontier" and is to be sponsored by Stanford Research Institute and the Atomic Industrial Forum. Sessions will be in the Hotel Mark Hopkins. Among those leading the discussions will be Bruce Morgan, technical director of the Quartermaster Corps food sterilization program.

**Research Forum on Frozen Foods at Packers Meeting**

A research forum on frozen foods is being planned for March 14 in Chicago during the National Frozen Food Con-