share, earned in the same period last year.

Third quarter net earnings for 1956 were \$1,059,291, or \$1.41 a common share, against \$928,010, or \$1.20 a common share in the third quarter of 1955.

Sales and operating revenues totaled \$49,999,496 in the first three quarters of this year, an 8% rise over the \$46,397,974 reported in the first nine months of 1955.

The 1955 figures have been adjusted to reflect the operating results of Aquaness Corp., which became a department of Atlas' chemicals division in January 1956.

### GOVERNMENT

#### New USDA Lab in Florida

USDA is scheduled to have a new laboratory at Winter Haven, Fla., for research on utilization of fruit and vegetable products. The \$785,000 facility is to be designed by James Gamble Rogers II under a recent contract with the General Services Administration. USDA has specified a one-story structure with air-conditioned basement.

### **EDUCATION**

# Cornell's Nutrition School Raised to Graduate Status

Cornell University's school of nutrition has officially become a graduate school. Richard H. Barnes, who joined the Cornell school in July as director, will become dean of the school. Established in 1941, it will have a program including course work and research in animal and human nutrition and in food technology, supply, distribution, and economics. It will grant master's degrees in food science and in nutrition science. Leonard A. Maynard, who retired in 1955, had been director of the school since its founding.

# Olin Mathieson Grants \$7500 to U. of Missouri for Soil Study

A project to determine through physical chemistry the difference in energy by which chemical reactions send nutrients from the soil to the plant root and back again is being supported by Olin Mathieson at the University of Missouri.

The company has granted a total of \$7500 to the university for the three-year project. C. Merrill Woodruff, associate professor of soils, will direct it. Dr. Woodruff said an understanding of the process would make

it possible to direct and maintain the most favorable flow of nutrients from the soil to the plant.

### **FOREIGN**

# New Fertilizer, Insecticide Firm Organized in Mexico

Formation of a new company to produce liquid and dust insecticides in Mexico has been announced in this country by Diamond Alkali. Insecticidas y Fertilizantes Diamond del Norte S. A., the new firm, is located at H. Matamoros, Tamps.

It has acquired the assets and business of Insecticidas y Fertilizantes S. A., the general manager of which, Ing. Luis Briones Moreno, has been named general manager of the new firm

One of the principal stockholders in the firm is Antonio L. Rodriquez, Mexican banker and industrialist.

The new firm is to have access to the research and technical facilities of Diamond Alkali.

# ADM Forms Mexican Firm to Make Animal Feeds

Archer-Daniels-Midland Co. and a group of Mexico City industrialists have formed a new company to manufacture and sell livestock and poultry feeds in Mexico. The new enterprise, Alimentos y Concentrados Archer, S. A., is owned equally by the two groups. The plant, with a capacity of 100 tons of feed a day, is to be finished this month. It is to be located in Mexico City.

# **ASSOCIATIONS**

### **Cottonseed Processing Clinic**

The sixth annual Cottonseed Processing Clinic is scheduled for Feb. 4 and 5 at the Southern Utilization Research Branch of USDA at New Orleans, La. SURB will sponsor the clinic along with the Valley Oilseed Producers' Association.

# International Nutrition Congress in Paris

Plans are now being made for the Fourth International Congress on Nutrition, to be held July 26 through Aug. 1, 1957 in Paris, France. The congress is under the auspices of the International Union of Nutritional Sciences. Further information about the congress can be obtained from: Secretariat of the Fourth International Congress of Nutrition, 71, Blvd. Pereire, Paris (17°), France.

# PEOPLE

Robert Heck has been promoted from technical service representative to director of technical service for Southern Nitrogen Co. Before joining Southern Nitrogen last May, Mr. Heck was with Allied Chemical. Southern Nitrogen also announces the appointment of Robert H. Farrow as director of market research. He was formerly with Spencer Chemical.

Charles H. Kline has left Climax Molybdenum, where he was manager of chemical development, to become scientific director of Shulton, Inc. He will be responsible for directing the firm's over-all research program.

Edward E. Anderson has left MIT, where he was associate professor of food technology, to join the staff of the flavor laboratory of Arthur D. Little, Inc.

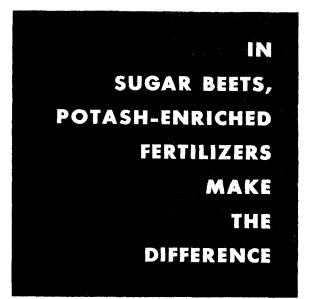
John A. Riddell, plant physiologist, has joined the agricultural chemical research and development staff of the Naugatuck Chemical Division of U. S. Rubber at Bethany, Conn. He received his doctorate from Purdue earlier this year.

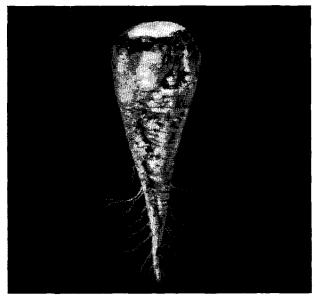
Jack Baker of Bandini Fertilizer has been elected president of the California Fertilizer Association. Elected vice president was William G. Hewitt of Pacific Guano, and the new treasurer is Howard Hawkins of Golden State Plant Food.

Bernard S. Schweigert has been appointed director of research and education of the American Meat Institute Foundation, succeeding H. R. Kraybill, who died Sept. 30. D. M. Doty and Charles F. Niven, Jr., have been appointed associate directors. All have been assistant directors.

Fred O. Church has been appointed marketing manager of agricultural chemicals for the chemical division of Merck. He has been merchandising specialist in industrial and agricultural chemicals since 1954.

William H. Wilson has been elected president of Virginia-Carolina Chemical Co. He was formerly executive vice president of Standard Fruit & Steamship Co. of New Orleans. Justin Potter has been elected to the board of the company. Mr. Potter was formerly president of Nashville Coal Co. and now serves on the board of Union Bank of Nashville and as board chairman of Cherokee Insurance Co. Other changes at V-C include appointment of Alfred J. Dickinson, vice president in charge of purchasing, to





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the post of assistant to the president. He continues as a vice president. Douglas W. Laird has been named manager of the purchasing department, and Robert W. Martin was named assistant manager of the department.

G. E. Willan of Niagara Brand Spray Co. Ltd. has been elected president of the Canadian Agricultural Chemicals Association. A. W. Hutchison of Shell Oil of Canada and M. E. Ward of DuPont of Canada have been elected vice presidents. J. H. Elliott of Rohm & Haas of Canada is the new secretary, and S. R. Stovel of North American Cvanamid, treasurer. Directors of CACA are: R. G. Smith of Charles Albert Smith Ltd.; D. D. Stokes, Monsanto Canada Ltd.; J. H. D. Ross, Chipman Chemicals Ltd.; P. E. Redman, National Grain Co. Ltd.: W. M. Karn, Electric Reduction Co. of Canada Ltd.; and W. H. Silversides, Interprovincial Co-Operatives Ltd.

Norman F. Kennedy, director of research for Corn Industries Research Foundation, has been elected chairman of the American Chemical Society's Division of Carbohydrate Chemistry for 1957. Victor R. Deitz of the National Bureau of Standards is chairman-elect. R. C. Hickett, Tobacco Industry Research Committee, is the new secretary-treasurer.

Stacy B. Randle, New Jersey State Chemist, is the new chairman of the AMERICAN CHEMICAL SOCIETY'S Division of Fertilizer and Soil Chemistry. New vice chairman is Kenneth G. Clark, and secretary, M. D. Sanders.

D. M. Doty of the American Meat Institute Foundation is the new chairman of the ACS Division of Agricultural and Food Chemistry. Chairmanelect is H. L. Haller of USDA. F. M. Strong is secretary-treasurer of the division.

Allen R. Ludlow, Jr., succeeds Lee A. Keane as director of sales for U. S. Industrial Chemical Division of National Distillers. Mr. Ludlow has been manager of alcohol sales for USI for the past 10 years. Mr. Keane, who is retiring, has been with USI for almost 30 years, serving as director of sales for the past 20.

George C. Ellis has been appointed a senior vice president of Stauffer Chemical and general manager of the West End Chemical Division. He had been president of West End, which Stauffer acquired Oct. 1, for the past 13 years. H. D. Hellmers, former vice president in charge of production for

West End, has been named division vice president-production of Stauffer. D. G. Ellis, West End's sales manager, becomes division vice president-sales of Stauffer.

Arthur O. Raven has been appointed sales manager of Emulsol Chemical Corp., a division of Witco Chemical. He has been assistant sales manager.

Arthur I. Bourne has retired from his position as research entomologist and head of experiment station entomology at the University of Massachusetts.

F. Edward Smith, Jr., has been appointed assistant to the vice president in charge of sales for Potash Co. of America. He will be headquartered at the company's general sales offices in Washington, D. C.

Lemuel D. Wright has left Merck Sharp & Dohme Research Laboratories, where he was director of research in microbiological chemistry, to become professor of nutrition in Cornell's graduate school of nutrition. He has received a joint appointment to the department of biochemistry and nutrition in Cornell's State College of Agriculture.

H. W. Schultze has joined Climax Molybdenum as assistant manager of chemical development. He was formerly with Electro Metallurgical Co., division of Union Carbide.

Frank E. Jordan has left Agricultural Ammonia Service, Santa Paula, Calif., to become executive assistant to the executive vice president of the Agricultural Ammonia Institute.

L. Ralph Boynton has been named assistant sales manager of U. S. Potash Co. He has been the company's southern sales manager for the past year.

John F. Donahue, formerly supervisor of the agricultural chemistry laboratory for the state of Oklahoma, has joined the research staff of Chemagro Corp.

Murray C. McNeil has been appointed vice president and general manager of the Southern California Fertilizer Co. He succeeds Walter Houser, who will continue in an advisory capacity with the company.

E. E. Crouse of CDK Liquid Fertilizer Corp., Liberty, Ind., was elected president of the National Fertilizer Solutions Association, formerly called the National Nitrogen Solutions As-

sociation. Vice president is **Don Foster** of Don Foster Nitrogen Solutions, Ottawa, Ohio. **John White** of
Auburn Fertilizers Co., Auburn, Neb.,
was elected treasurer, and **William B. Parrish** of Auburn, Ill., secretary.
New directors of the NFSA are: **Ernest R. Harper** of the Nitrogen Division of Allied; **F. Todd Tremblay**of the Washington Cooperative Farmers Association; and **Donald R. Webber** of Spraying Systems Co.

Joseph P. Berndt, Jr., has become assistant manager of the project engineering section in the engineering department of Monsanto's inorganic chemicals division. Fred T. Mitchell, who has held that post since 1953, has transferred to the division's production department to work on problems in connection with acquisition and movement of raw materials.

Jackson B. Hester, consultant of the Jackson B. Hester Agricultural Research Laboratories in Elkton, Md., has returned from a visit to Brazil, where he made a study of the tomato, sugarcane and coffee production of the S. A. Industrias Reunidas F. Matarazzo.

Donald Garret has been named assistant manager of the Trona research department of American Potash & Chemical. He succeeds Harold Mazza, who was recently appointed manager of research at the company's Los Angeles plant. Stanley Cohen has been appointed head of the new products section.

Bruce D. Knoblock has been named general manager of Diamond Black Leaf de Mexico S. A. de C.V. He was formerly with General Motors of Mexico. Promoted to sales manager of the company was Jack L. Shack, who has been with the company for the past two years.

#### DEATH

Joseph Arthur Le Clerc, chemist for USDA for many years, died last month in Jacksonville, Fla., at the age of 83. He was senior chemist with USDA's Bureau of Agricultural Chemistry and Engineering from 1928 to 1943. He served on the staff of the Bureau of Chemistry from 1903 to 1919. From 1922 to 1928 he was a special agent of the Department of Commerce, specializing in grains and grain products. A native of Ware, Mass., Dr. Le Clerc received a Ph.D. from the University of Halle-Wittenberg in 1903.