

News of the Month . . .

Calspray Buys Part of Agri-Serv

California Spray-Chemical has acquired the greater part of the ammonia distribution facilities of Agricultural Ammonia Service, Inc., of Santa Paula, Calif. Included are all of the Agri-Serv facilities from the Lodi-Stockton area south to the Kern County line. Agri-Serv will continue its operations in Ventura County, Los Angeles County, and the southern part of Santa Barbara County.

By its purchase, Calspray acquired storage tanks with a total bulk capacity of 200,000 gallons, 600 field tanks, and more than 400 applicator tanks and rigs.

Ace Ammonia Co., formerly associated with Agri-Serv, has been named distributor of Ortho anhydrous ammonia in Kern County and Tulare County south of Earlimart.

Diamond Closes Virginia Nicotine Extract Plant

Diamond Black Leaf Co. has announced it is closing its nicotine extraction plant at Richmond, Va. The closing is "due chiefly to uncertainties presently governing the nicotine and ground stem tobacco market in the eastern United States, a condition resulting from the steady decline of the market in recent years."

The shut-down does not affect the company's research and development group at Richmond or its eastern district sales office there.

Crop Care Completes Sale of 150,000 Shares

Completion of the first offering of 150,000 shares of Crop Care, Inc., is announced by Charles H. Branstetter, Jr., president of the agricultural aviation firm. Crop Care's \$2.00-par value stock is now listed in over-the-counter market sheets.

Proceeds of the offering are being used to expand CCI's fleet of agricultural aircraft. Three of 15 new planes on order from National Aircraft Corp. have already been delivered. National, a leading supplier of agricultural planes, says that the \$225,000-plus CCI contract is the largest single order ever placed for its NA-75 aircraft.

Branstetter, former president of California's Agricultural Aircraft Association, organized Crop Care, Inc. in 1956. CCI took over assets of Bran-

stetter Flying Service, and in September 1956 offered its shares to the public.

Magcobar Expanding Laboratory, Office

Magnet Cove Barium expects to begin, on Oct. 1, building a new office and laboratory building at 3133 Buffalo Speedway, Houston, Tex. Target date for completion is a year after beginning of construction. The new building will add 33,500 sq. ft. to the Magcobar facility and more than double the company's present 29,000 sq. ft.

DDT Plant for India

A DDT plant is being built in Alwaye, Southern India, by Singmaster & Breyer, Inc., of New York. It is to be located directly opposite Fertilizers & Chemicals Travancore, Ltd., another plant engineered by Singmaster & Breyer, which will supply raw materials for the DDT facilities. The plant is to be completed this fall and will turn out 4 tons per day of technical-grade DDT.

Sturtevant Mill Co. is to supply the DDT-formulating facilities for the plant. This includes a 24-inch Micronizer, preliminary grinder for DDT, mixing and blending equipment, compressor, and chilling unit.

Nematology Workshop in St. Louis Next Month

Shell Chemical will sponsor a nematology workshop in St. Louis on Oct. 9 and 10. It will be similar to the workshop held early this year in

New York. Orlando, Fla., was the scene of a similar meeting in August. Further information on the St. Louis workshop can be obtained by contacting the Shell Chemical district office in St. Louis.

Takamine Finishes New Labs

Takamine Laboratory, a division of Miles Laboratories, has completed its new research and office building at Clifton, N. J. The new quarters will permit expansion of the research program and a doubling of the research staff. Head of research at Takamine is Leland A. Underkoffer, former professor of chemistry at Iowa State and authority on enzyme chemistry, fermentation, and nutrition.

CSC Opens Newark Sales Office

A mid-Atlantic sales office has been opened by Commercial Solvents at Newark, N. J. Its address is 196-202 Blanchard St. Head of the office, which will serve agricultural chemicals customers in New Jersey, Eastern Pennsylvania, Maryland, Delaware, District of Columbia, Virginia, and North Carolina, is Arthur W. Luedeke, who has been district manager in New York.

Aries Moves to Stamford

The chemical consulting firm of R. S. Aries & Associates is now located at new and enlarged quarters at 77 South St., Stamford, Conn., having moved from its old address in New York. This is the first step of the move to consolidate the activities of the Aries organization which had facilities in Brooklyn and in Long Island City. All these are expected to be consolidated in the near future in Stamford.

ASSOCIATIONS

Canadian Ag Chemicals Group To Stress Safety and Health

"Safety and Health" is to be the theme of the fifth annual conference of the Canadian Agricultural Chemicals Association, which takes place at Mont-Tremblant Lodge, Que., from Sept. 15 to 18. The program is designed to show the role of agricultural chemicals in the production of food and their importance to public health as a means of waging war on disease spread by insects and rodents.

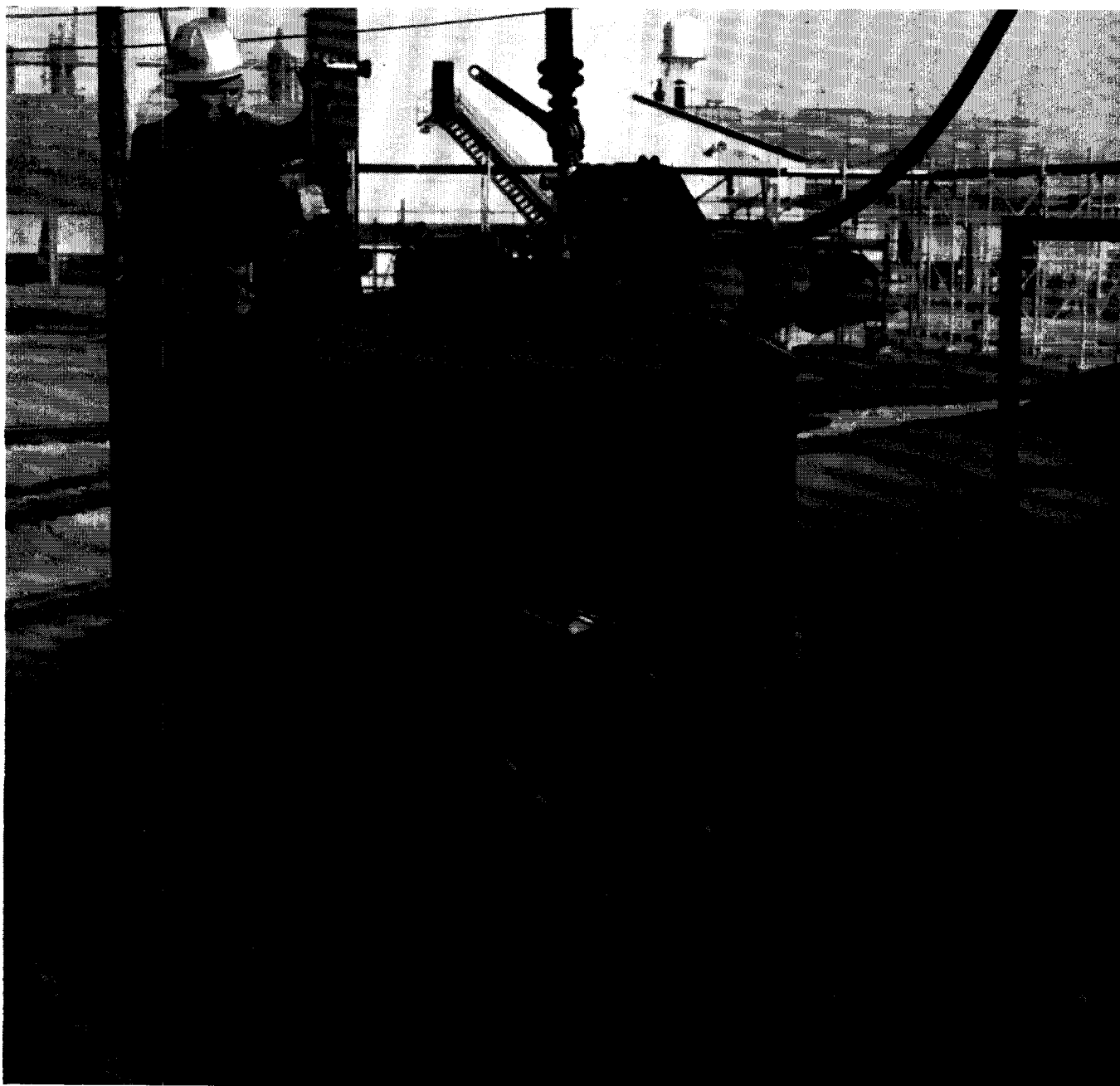
Monsanto Changes Trademark

Monsanto's newly designed trademark is shown below. It was adopted after several months of testing by market research. Chief change is the substitution of a hand lettered Gothic type face for a Roman one. This is expected to enhance readability and recognition



SPECIAL FROM MONSANTO INORGANIC

One-stop source for major fertilizer nutrients



Monsanto offers you a complete range of fertilizer materials ready to be shipped to you promptly — usually just a few hours after receiving your order

It's quicker, simpler and more economical to get your quality fertilizer nutrients from Monsanto. And it's easier to work out your fertilizer production problems—our expert Technical Service Department, Research Department and Pilot Plant will help you. The Monsanto IBM 702 Electronic Computer will develop your formulations at high speed *at no cost to you*. For more information, write Monsanto Chemical Company, Inorganic Chemicals Division, Dept. JAC-2, 710 N. 12th Blvd., St. Louis 1, Mo. In Canada: Monsanto Canada Ltd., Montreal.

Monsanto Inorganic . . . unfailing source of Nitrogen Solutions (Ammonia-Ammonium Nitrate-Urea Solutions), Anhydrous and Aqua Ammonia, Ammonium Nitrate, Ammonium Sulfate, Sulfuric Acid and Phosphoric Acid.



**WHERE CREATIVE CHEMISTRY
WORKS WONDERS FOR YOU**

Also included on the agenda are discussions of the gibberellins, soil sterilants, and the growth, management, and future of the agricultural chemicals industry in Canada.

PEOPLE

New President for Smith-Douglass

Willard A. Ashburn, senior vice president of Smith-Douglass since last January, has been elected president of the company. He succeeds **Ralph B. Douglass**, who moves to the new position of board chairman.

W. B. Copeland, who was executive vice president of Smith-Douglass, has joined Olin Mathieson's plant food division as division vice president.

R. M. Yoder, vice president of the Dobbins Division of Chamberlain Corp., was elected president of the National Sprayer & Duster Association recently. Elected vice president was **E. M. Myers**, vice president of F. E. Myers & Bros. Co. Named treasurer was **P. L. Hauser**, sales manager for Root-Lowell Mfg. Co.

A. B. Chadwick has left Koppers Co. to become director of manufacturing for Velsicol Chemical.

Sam R. Aldrich has been appointed professor of agronomy extension, specializing in soil fertility, at the University of Illinois college of agriculture. He has been at Cornell.

Robert L. Riggs has been appointed manager of the Hopewell, Va., plant of Allied's Nitrogen Division. Formerly manager of the Omaha plant, he succeeds **Frank A. Ernst**, who retired Aug. 31. **Virgil A. Peringer** will succeed Riggs at Omaha, moving up from general superintendent.

David F. Green has left Allied's Nitrogen Division, where he was working on the use of urea in ruminant feeds, to join Merck, Sharp & Dohme Research Laboratories as executive director of animal science activities.

Kenneth W. Brighton has been promoted from general manager of American Can's new products department to director of research for the company. He succeeds **Robert W. Pilcher**, who has been named scientific coordinator.

Edward D. Weil has been named research supervisor of the agricultural chemistry group in the research department of Hooker Electrochemical.

Charles Lupsha has been appointed assistant to **E. W. Cannon**, Calspray's vice president and general manager of marketing. He was branch man-

ager of merchandising at the Maryland Heights, Mo., office of Calspray.

W. B. Andrews has resigned from Mississippi State College to become technical sales director with Mississippi Chemical Corp. and Coastal Chemical Corp. He has been an agronomist with Mississippi State since 1931.

George H. Reid has been named manager of the Garfield, Utah, plant of Western Phosphates, Inc., succeeding **E. R. Scammell**, who has resigned. **James A. Malloch** has been promoted from maintenance superintendent of the plant to chief engineer.

John N. Mahan has left TVA to join USDA where he will be responsible for publication of the annual "Fertilizer Situation." His position is with the agricultural chemicals staff, Food and Materials Requirements Division, Commodity Stabilization Service.

H. E. Causey has left Illinois Farm Supply Co., where he was manager of the Tuscola, Ill., plant, to become technical sales engineer for the potash division of International Minerals. He will work directly with fertilizer manufacturers, assisting them in solution of technical production problems.

James A. Naftel has been appointed by U. S. Potash to head its newly created plant food development department. Chief agronomist will be **James R. Turner**. Both were with Pacific Coast Borax before its merger with U. S. Potash.

E. W. Sale has been transferred by American Agricultural Chemical Co., from plant superintendent at Detroit to the chemical department at Detroit; **J. A. Layton**, from the New York production department to superintendent at Detroit; **H. C. MacKinnon** from superintendent of production at Saginaw, Mich., to assistant superintendent at Carteret; **R. L. Etheridge**, from assistant superintendent at Cleveland, Ohio, to superintendent at Saginaw.

R. L. Hockley has been elected to the board of directors of Amoco Chemicals Corp. He is to devote a substantial part of his time to study and counsel on all management matters at Amoco, including particularly development and marketing. He was formerly president of Davison Chemical and vice president of Olin Mathieson.

George L. Innes has been appointed to head chemical sales and development activities for Climax Molybdenum. He has been manager of

chemical sales for the company since 1955.

DEATHS

Henry Sontheimer, retired vice president in charge of foreign affairs for American Chemical Paint, died July 24 at the age of 75. Born in Munich, Germany, of American parents in 1882, he was reared and educated abroad. He was with ACP from 1925 until his retirement in 1940. He helped pioneer the licensing of European and South American firms to make American chemical products.

ACS Meeting Program

The programs of the Division of Agricultural and Food Chemistry and the Division of Fertilizer and Soil Chemistry for the approaching ACS meeting are printed below. The meeting opens on Sept. 8 and continues through Sept. 13. Sessions of the Ag and Food Division will be held in the Sheraton-McAlpin Hotel, and those of the Fertilizer and Soil Division in the New Yorker Hotel. The symposium on gibberellins will be in the Statler Hotel.

DIVISION OF AGRICULTURAL AND FOOD CHEMISTRY

D. M. Doty, *Chairman*

F. M. Strong, *Secretary-Treasurer*

Monday Morning and Afternoon

General

D. M. Doty, *Presiding*

D. M. DOTY. Introductory Remarks.

ABRAHAM LEVITON AND MICHAEL J. PALLANSCH. The Application of Microviscometry to the Study of the Heat Stability of Milk.

DANIEL P. SCHWARTZ AND MICHAEL J. PALLANSCH. Identification of Some Hitherto Unreported Ninhydrin-Positive Compounds in Cow's Milk.

ABRAHAM LEVITON AND MICHAEL J. PALLANSCH. The Binding of Riboflavin and Riboflavin Phosphate by Milk Proteins.

W. E. SCOTT, S. F. HERB, P. MAGIDMAN, AND R. W. RIEMENSCHNEIDER. Unsaturated Fatty Acids of Butter Fat.

EUGEN WIERBICKI AND F. E. DEATHERAGE. Determination of Water-Binding Capacity of Fresh Meats.

P. V. HANSEN, F. L. KAUFFMAN, AND L. H. WIEDERMANN. A Direct Spectrophotometric Determination of Butylated Hydroxyanisole in Lard and in Hardened Lard.

E. L. PIPPEN, M. NONAKA, F. T. JONES, AND FRED STITT. Volatile Carbonyl Compounds of Cooked