

FRIDAY AFTERNOON

C. H. Van Middlelem, *Presiding*

C. H. VAN MIDDELEM. Introductory Remarks.

J. H. BRUMBAUGH AND D. E. STALLARD. Colorimetric Method for Perchloroethylene; Determination of Residual Perchloroethylene in Fumigated Wheat.

D. E. STALLARD AND J. H. BRUMBAUGH. A Study of Residual Benzene in Wheat Following Fumigation.

R. H. CARTER. A Method for the Determination of Ethylene Dibromide Resi-

dues in Fumigated Materials.

CALVIN MENZIE. Determination of *m*-Dinitrophenolic Pesticides.

B. D. HILTON AND M. H. J. WEIDEN. Modification of the Analysis for Ovex on Apples.

J. R. LANE, D. K. GULLSTROM, AND J. E. NEWELL. Determination of Duraset (*N*-Metatolyl Phthalamic Acid) Residues in Fruit Crops.

R. B. BRUCE, J. W. HOWARD, AND J. B. ZINK. Determination of Diphenylamine Residues on Apples.

F. A. GUNTHER, R. C. BLINN, M. J. KOLBEZEN, C. W. WILSON, AND R. A.

CONKIN. Ammonia I. Spectrophotometric Techniques and Equipment for Evaluating Concentrations of Spectrally Absorbing Vapors in Dynamic Systems.

H. C. AUSTIN, JR., F. L. BONNER, AND E. A. EPPS, JR. Spectrophotometric Determination of Arsenicals on Plant Material.

**PEOPLE**

**New VP's at Spencer**

J. C. Denton has been named vice president-agricultural chemicals for Spencer Chemical. He was formerly general works manager. In his new position, Denton will be responsible for production and sales of all of the company's agricultural chemicals. John R. Brown, Jr., who has been



J. C. Denton



J. R. Brown, Jr.

manager of research and development, was named vice president-research and development. Joe E. Culpepper, John P. Miller, and C. Y. Thomas, all of whom have been vice presidents and directors for several years, will be concerned with divisional coordination at a policy level and with long range planning for future growth. Other newly elected vice presidents are: H. R. Dinges, for industrial chemicals; Frank Pyle, for plastics; and E. V. Friedrich, for administration.

Arthur M. Griswold, who has been section superintendent of Dovicide fungicide and bactericide products, has been promoted to manager of foreign research operations of Dow Chemical's executive research staff.

Willard C. Lighter has been elected executive vice president of Glidden Co. He has been vice president, director, and general manager of the chemurgy division.

Thornton F. Holder has been appointed director of research for Diamond Alkali, succeeding Albert W. Meyer. Holder joined the company in 1946 as patent counsel. His appointment reflects a realignment of research responsibilities, with patent, trademark, and research under one executive head.



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*Right in the heart of the farm belt—*

**ANHYDROUS AMMONIA...**

**NITROGEN FERTILIZER SOLUTIONS**



## Texaco builds new midwest source for fertilizer material

LOCKPORT, ILL.—A new, centrally located source for fertilizer raw materials—produced right in the middle of America's great farm belt—will become available when Texaco's new ammonia plant goes on stream at Lockport. The new facilities will produce anhydrous ammonia and nitrogen solutions for agricultural and industrial use.

Demand for dependable supplies of these chemical raw materials has grown steadily with

the increased use of fertilizer nitrogen in our major farm areas. Texaco's new plant, served by central rail and tank truck facilities, will offer fertilizer manufacturers a stable source of supply and fast, reliable service.

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**TEXACO**

**PETROCHEMICALS**

**John Bouton**, formerly chief flavor chemist for Synflour Scientific Laboratories, has joined Dodge & Olcott as director of the flavor department. He succeeds **Harold L. Janovsky**, who resigned to become chief flavor chemist for Fritzsche. Janovsky succeeded **Edmund H. Hamann**, who retired recently.

**Jack von Mettenheim** has joined Richfield Chemical as vice president and general manager. He has been with International Minerals & Chemical for several years.

**Paul A. Krentel** has been named head of the newly organized chemical division of Catalin Corp. of America. The division will handle sales of antioxidants to the food industry among others.

**Warren R. Schoonover**, soils specialist at the University of California extension service, has accepted a professorship of agronomy for two years at the Balwant Rajput College, India. He will set up a laboratory there for research on quality of irrigation water in north central India, study saline and alkali soils in the region, give graduate instruction, and do research on soil-plant-water relationships.

**T. W. Brasfield**, agricultural chemical sales manager of Naugatuck Chemical, has been transferred to Los Angeles as district manager. Succeeding him will be **Otto P. Steinen**, who has been serving as assistant agricultural chemical sales manager.

**L. J. Polite, Jr.**, has been promoted to product sales manager of the chlorinated products division of Diamond Alkali. He will be responsible for sales of the company's whole line of chlorinated products, which includes agricultural chemicals.

**Charles Cervone** has been appointed general sales manager of Diamond Fertilizer Co., Sandusky, Ohio.

**Charles A. Grant** has been appointed manager of sales for the newly created Huron Milling Division of Hercules Powder. **Glenn H. Freeman** is merchandising manager for monosodium glutamate and hydrolyzed vegetable protein.

**Frank Seeland**, manager of the agricultural chemical and insecticide division of S. B. Penick, has been elected vice president of the company.

**C. L. Hovey** of Eastern States Farmers' Exchange was elected president

of the Northeastern Weed Control Conference during its recent meeting. Named vice president was **S. N. Fertig** of Cornell. Secretary and treasurer, respectively, are: **R. J. Aldrich** and **D. A. Shallock**, both of Rutgers.

**Robert M. Hanna** has left the Connecticut Experiment Station to join the extension staff at Rutgers as assistant extension specialist in soils.

**Richard G. Dressler** has been retained by Archer-Daniels-Midland Co. as a consultant on the use of fatty alcohols to control evaporation of water. Until recently, Dressler had been in charge of the Southwest Research Institute's evaporation project, of which ADM is a sponsor.

**Wallace E. Gordon** has been named assistant general manager of the Grasselli Chemicals Department of Du Pont. He has been director of the advertising department. He succeeds **Walter H. Salzenburg**, who becomes assistant general manager of the polychemicals department.

**Alfred G. Raufer** has resigned his post as director of sales for Michigan Chemical. He will make his home in Clearwater, Fla.

**Bruce M. Bare** has been appointed marketing manager of Atlas Powder Co.'s chemicals division. He has been marketing manager of the organic chemicals division of Dewey & Almy.

**Frank G. Oswald** has been named industry sales manager for Hercules Powder's synthetic department. As such he will be responsible for sales to the food industry and others.

**W. A. McKay** has joined Kelly-Western Seed Division of Utah Co-operative Association. He will coordinate nationwide sales of the company's PAX crabgrass- and soil pest-control product. Mr. McKay was formerly with Acme Quality Paints. **Bernard R. Ellison** has also joined Kelly-Western to conduct field and laboratory research and quality control operations. Mr. Ellison was formerly Utah weed and seed supervisor.

**Donald F. Osenkop** has been appointed product sales supervisor for elemental phosphorus and phosphoric acid for Monsanto's inorganic chemicals division sales department. He has been district sales office manager for the division in Los Angeles.

**Perry O. Onstot** has been appointed agronomist and sales promotion manager for the mixed fertilizer division of Davison Chemical. He has been transferred from the branch office at Joplin, Mo., to Baltimore.

**Ray L. Pavlak**, general manager of Wisconsin Farmco Service Cooperative and a director of St. Paul Ammonia Products, Inc., has been elected president of the American Farm Research Association. Other officers are **Wayne H. Shidaker** of Columbus, Ohio, vice president; and **Roger Fleming** of Washington, D. C., secretary-treasurer.

**H. B. Busdicker** has been appointed Washington-Oregon area supervisor of the recently designated Western Plant Pest Control region. His headquarters are at Washington State College, Pullman.

**William W. Thomas** retired from California Spray-Chemical Corp. Jan. 1. He joined Calspray in 1923, holding various sales positions until his appointment in 1949 as assistant to the president on market and product development.

**Herbert J. Dutton**, USDA chemist, has received the 1956 Glycerine Research Award, consisting of \$1000 and a plaque. He was cited for applying a recently developed extraction technique to investigation of complex natural glycerides.

**Joseph D. Campbell** has been appointed agronomist for the north central district of the plant food division of Olin Mathieson Chemical Corp. His headquarters will move from Baltimore to Omaha.

**John S. Sullivan** has been appointed special sales representative for agricultural products in the overseas division of Monsanto. His headquarters will remain in St. Louis, but he is to travel extensively in Mexico, Central America, Hawaii, and other agricultural areas.

**Fred V. Grau**, formerly with West Point Products Corp., has joined Nitroform Agricultural Chemicals, Inc., as chief agronomist.

**J. Lee Marsh** has been appointed vice president-development of Carbide & Carbon Chemicals Co. He has been director of engineering.

**James N. Hinyard** has been appointed director of market development for American Potash & Chemical. Formerly with Merck, he succeeds **A. J. Dirksen**, who was recently named general sales manager of the company's industrial chemicals division.

**Robert L. Showalter** has been appointed executive assistant of the National Pest Control Association. He has been executive secretary of the Texas Pest Control Association.