

same period in 1955, sales were \$390,835,150.

In the third quarter of this year sales were \$127,124,171, an increase of \$2,492,728 above the same quarter in 1955. The quarter's income of 32 cents a share, however, was 6 cents a share less.

The company reported that despite higher labor rates there has been a general lowering of its selling prices and, though the sales volume is greater, it has been of those products with lower profit margins. Research and development expenses in 1956 have been materially higher than in the prior year.

### Michigan Chemical's Earnings At 75 Cents Per Share

Nine months' earnings of Michigan Chemical Corp. were 75 cents a share against 70 cents in the similar period in 1955. Of the latter amount in 1955, 19 cents was nonrecurring profit.

Sales were \$5,271,648 against \$5,257,722 in 1955. Net income was \$400,965 for the nine months of 1956. The 1955 amount was \$271,852 net income and \$102,818 nonrecurring profit realized from the sale of certain capital assets.

### Commercial Solvents Sales Rise 6%

Commercial Solvents reports for the quarter ended Sept. 30 consolidated net earnings of \$435,019 equal to 16 cents a share. Sales for the quarter were \$13,840,870, representing an increase of 6% over the previous year.

Consolidated net earnings for the nine months ended Sept. 30, 1956 were \$2,007,862 equal to 76 cents a share, compared with 79 cents the previous year, including 12 cents of nonrecurring income. Sales for the nine months were \$41,315,356, showing an increase of 8% over 1955.

### National Distillers' Nine Months Net Increases 34%

National Distillers Products Corp. reports an earnings gain of 34% for the first nine months of 1956 over the similar period last year.

Net earnings for the nine months ended Sept. 30 totaled \$14,516,811, compared with \$10,814,101 for the first three quarters of 1955.

Net sales for the first nine months of 1956 rose to a new high for the period of \$388,905,924, compared with \$357,490,302 for the first three quarters of 1955.

Third quarter 1956 earnings totaled \$4,409,110 well above earnings of

\$4,002,857 in the similar period of 1955. Third quarter net sales totaled \$123,995,802 in 1956, compared with net sales of \$122,921,340 for the third quarter of the previous year.

John E. Bierwirth, president, indicated that sales of the company's chemical division were markedly higher than last year.

### American Potash Sales Up \$11 Million

Sales and earnings of American Potash & Chemical for the first nine months of 1956 were higher than in the comparable period a year ago, says an interim report to shareholders.

Net sales for the nine months ended Sept. 30 totaled \$31,199,553, an increase of \$10.8 million over the \$20,354,720 for the corresponding months of 1955.

Net income for the first three quarters of this year amounted to \$3,684,188, as compared to \$2,852,427 for the corresponding period in 1955.

For the three months ended Sept. 30, sales amounted to \$11,242,707 as compared with \$6,525,866 in the same quarter a year ago. Net income was \$1,287,563, against \$1,004,529 a year ago.

### New High in Sales And Profits for Diamond Alkali

Sales and earnings of Diamond Alkali for the first nine months of 1956 attained new all-time-high levels, it is reported.

Net sales of Diamond chemicals for the nine months ended September 30 totaled \$92,040,457, compared with \$83,115,419 a year ago—an increase of 11%. Net income for the first nine months of 1956 amounted to \$8,032,702 against \$6,255,846 for the same period in 1955.

Third-quarter 1956 net sales totaled \$30,137,507 against the former third-quarter peak of \$29,303,595, or a gain of 3%. Net earnings for the third quarter of the current year amounted to \$2,482,431, compared with \$2,210,273 for the corresponding 1955 quarter.

## ASSOCIATIONS

### Flavor Symposia Series Sponsored by A. D. Little

A series of symposia on flavor research will be held as part of the 70th anniversary celebration of Arthur D. Little, Inc. The first of the symposia is to take place in Cambridge,

Mass., on Nov. 19. It is designed to present a broad picture of the current state of flavor research. Three other symposia will be held next year on laboratory testing, consumer testing, and physicochemical research on flavor.

### Fertilizer Application Meeting

The National Joint Committee on Fertilizer Application has announced plans to meet in Chicago Dec. 12 at the Edgewater Beach Hotel in cooperation with the power and machinery section of the American Society of Agricultural Engineers. Among topics to be considered are: fertilizer placement, application and use of liquid fertilizer, and phosphorus solubility.

### Cotton Production Meeting To Emphasize Chemicals

The second annual Beltwide Cotton Production Conference is scheduled for Dec. 13 and 14 in Birmingham, Ala. Among problems to be taken up during the meeting are cotton disease, nematode, and weed control, defoliation, and fertilization. There will also be a half-day symposium on new methods of controlling cotton insects.

### Pacific NW Ag Chemicals Group to Meet in January

Jan. 23 and 24 have been set for the annual meeting of the Pacific Northwest Agricultural Chemicals Industry Conference. The meeting will be held in the Benson Hotel, Portland, Ore. During the same week the Pacific Northwest Vegetable Insect Conference and the Northwest Co-operative Spray Project will also be held in Portland, beginning on Jan. 21 at the Imperial Hotel.

### AOAC Sets Up Wiley Award in Analytical Chemistry

The Association of Official Agricultural Chemists announced during its recent meeting in Washington, D. C., that it has established an annual award for analytical methods in honor of Harvey W. Wiley, founder of the Federal Pure Food and Drug law.

K. D. Jacob, president of AOAC, said the award would be presented annually to a scientist (or group of scientists) who makes an outstanding contribution to development of methods of analysis of foods, feeds, fertilizers, pesticides, soil, cosmetics, or drugs, as well as for methods in general analytical chemistry. The award will carry a cash prize of \$500. First

presentation of the award will be made during AOAC's meeting next year.

### Conference on Nutritive Value of Cottonseed Meal

A conference on the processing of cottonseed meals as related to its nutritive value is to take place in New Orleans Jan. 14 to 16. Sessions are to be held in the laboratory of USDA's Southern Utilization Research Branch, cosponsor, with the National Cottonseed Products Association, of the meeting. Among topics to be reported on are the chemical properties and nutritive value of commercially manufactured cottonseed meals for poultry feeding, work with ruminants, and progress in developing chemical measurements for the nutritive value of cottonseed meal.

### Southern Weed Conference In Georgia in January

The Southern Weed Conference has announced the scheduling of its meeting for Jan. 23 through 25 at the Bon Aire Hotel, Atlanta, Ga. The 10th annual meeting of this group will review many phases of research and education in chemical weed control.

## PEOPLE

### Elvehjem Gets Spencer Award

Conrad A. Elvehjem, dean of the graduate school at the University of Wisconsin, has been named 1956 recipient of the Charles F. Spencer Award in agricultural and food chemistry. The award, founded by Kenneth A. Spencer, president of Spencer Chemical, in honor of his father and sponsored by the Kansas City Section of the ACS, is to be presented on Nov. 9.



Dr. Elvehjem was nominated for his work in biochemistry. He was cited for his pioneering work in discovering the relationship between animal nutrition and trace elements in the soil and for showing that nicotinic acid was the specific antipellagra vitamin.

Horace M. Armitage, who retired from his position as chief of the Bureau of Entomology of the California Department of Agriculture last November, was presented with a resolution from the California Board of Agricul-

ture last month recognizing his 43 years of outstanding service as a public official in agriculture.

A. F. Kirkpatrick of American Cyanamid has been reelected president of the Western Agricultural Chemicals Association. Also reelected was the vice president, Harvey M. Bales of Arizona Pest Control Co.

M. J. Niles has been named to the newly created post of special representative for the president of Fritzsche Bros., Inc. He has been manager of the firm's Chicago office.

Daniel Swern of USDA's Eastern Utilization Research Branch has received the John Scott Medal Award from the Philadelphia Board of City Trusts for his work on new industrial chemicals from surplus animal fats.

Everett C. Cogbill and Stanley J. Clark have joined American Tobacco as research associates in the Richmond, Va., laboratories. Dr. Cogbill has been with Duke University, and Dr. Clark with Louisiana State University.

Richard G. Powell has been promoted to director of technical services for Mississippi River Chemical. Formerly a technical service representative, he will direct activities of the department in association with Bradley & Baker, distributor of the company's products.

L. Gavaza has been named manager of the Smith-Rowland Division of Smith-Douglas. He replaces Russell Spivey, who has been transferred to the parent company as sales manager for the Norfolk, Va., branch.

Harold A. Ford has joined the industrial chemicals division of Olin Mathieson as assistant manager of nitrogen products. He was formerly a sales representative for Westvaco Chlor-Alkali.

Emil M. Mrak, chairman of the food technology department at the University of California, Davis, has been chosen president-elect of the Institute of Food Technologists.

Kenneth L. Cartwright, formerly with Charles Bowman & Co., has joined Lake States Yeast Corp. as sales manager for food and pharmaceutical products. He will be located in New York.

Bruce L. Haddock has been appointed assistant merchandising manager of Diamond Black Leaf.

Joseph R. Meehan has been assigned to the agricultural chemicals department of Minerals & Chemical. He is to handle sales and service activities in

connection with Attaclay carrier and diluent products.

H. R. Kraybill, who died Sept. 30 (AG AND FOOD, Oct. 1956, page 841), was awarded posthumously the Dodge & Olcott Achievement Award for his outstanding contribution to the growth and general welfare of the meat packing industry.

Phillip C. Hamm, project leader in herbicide research for Monsanto, has been appointed to the position of scientist to continue his work in the general field of plant physiology, including studies on herbicidal activity. The position of scientist was established within the organic chemicals division two years ago to recognize outstanding technical accomplishments and to give individuals maximum opportunity to plant and conduct purely scientific endeavors.

E. Finley Carter has been appointed director of Stanford Research Institute. He succeeds J. E. Hobson, who resigned last December. Carter, who joined SRI in 1954 as manager of research operations, was named associate director last year and since then has been responsible for directing SRI activities.

David Howe has joined the research development and engineering staff of Commercial Solvents as agronomist. Formerly assistant plant physiologist for the Texas Research Foundation, Dr. Howe will be concerned with development of CSC's nitrogen fertilizer products.

Carl C. Kesler, director of research for Penick & Ford, Ltd., has received the 1956 Iowa Medal of the AMERICAN CHEMICAL SOCIETY's Iowa Section. The award is presented annually to an Iowa chemist or chemical engineer for meritorious achievement in teaching, research, or industry.

James H. Jones has joined Carbide & Carbon to work as technical representative with Crag agricultural chemicals.

George W. Kurtz, who recently completed two years military service with the U. S. Army Quartermaster Food and Container Institute for the Armed Forces, will remain there to direct studies in the flavor chemistry laboratory of the Food Laboratories' chemistry and microbiology branch.

David Stern has been named assistant manager of the Whittier, Calif., research laboratory of American Potash & Chemical. He has been with the company since 1955 as head of the laboratory's electrochemicals section.