

cheeses, pending action on a petition to amend certain cheese standards to include sorbic acid as an optional ingredient.

Experimental work shows that addition of 0.1% of sorbic acid to commercial chocolate sirup gives complete control of mold for more than 10 weeks, whereas untreated chocolate sirup became moldy in a few days under the conditions. Sorbic acid may also be investigated as a mold inhibitor for fountain sirups, soft drink concentrates, maple sirup, and other products. Sorbic acid has proved a good mold inhibitor for bread, cakes, and packaged rolls and is also being tested for preventing spoilage of fresh fruits and vegetables, and a variety of other food products.

### Thomas Shareholders Approve Sale of Company to Pennsalt

Stockholders of I. P. Thomas & Son Co. of Camden, N. J., on Nov. 22 approved a plan under which the Pennsylvania Salt Mfg. Co. will acquire Thomas assets in exchange for 18,851 shares of Pennsalt common stock. This announcement was made by J. S. Coale, board chairman of the Thomas Company, who stated that his company will become an operating division of Pennsalt Chemicals on or before March 31, 1955.

An 86-year-old producer of commercial fertilizers, phosphoric and sulfuric acids, and a water conditioning agent, the Thomas division will further diversify Pennsalt's industrial chemicals line and provide basic materials required in the company's chemical specialties production.

Present facilities of the Thomas company include a well-equipped plant and central warehouse in Paulsboro, N. J., and distribution centers elsewhere in New Jersey, New York, Pennsylvania, and Delaware.

### Six Win Scholarships in Hercules-Sponsored Entomology Contest

Six members of the 4-H club have won \$300 college scholarships in the National 4-H Entomology Awards program sponsored by Hercules Powder. This is the third year of competition in the program.

The six winners were: Edwin Jones, Laveen, Ariz.; Barbara Ristow, Indianapolis, Ind.; Louise Ottaway, Viola, Kans.; Brenda Adams, Stillwater, Okla.; Judith Gates, Hillsboro, Oreg.; and David Anderson, LaFayette, R.I.

In addition to winning scholarships the six National winners, and six other Sectional winners, received trips to the National 4-H Club Congress in Chicago.

In addition to awards for Sectional and National winners, County winners received gold-filled medals and State winners received wrist watches.

The purpose of the Entomology Awards Program is to help 4-H Club boys and girls: learn about insect life and the relation of insects to the health, wealth, and happiness of man; learn to recognize the major insect pests and beneficial insects common to the area where the club member lives; understand the fundamentals of insect control by carrying on some control practice; learn about insecticides—the kinds, their specific uses, and safety practices to be followed; support community projects and activities relating to insect control.

### Huron Milling Names Sales Representatives for MSG, HVP

Huron Milling Co. has announced appointment of two sales representatives to handle its specialty products, monosodium glutamate and hydrolyzed vegetable protein.

Associated Brokers, Inc., 5020 Roosevelt St., Duluth, Minn., will service food manufacturers and processors in the Minnesota counties of St. Louis, Carlton, and Lake Itasca.

Phillips Brokerage Co., Birmingham, Ala., will service the food specialty business, canning industry, and meat packers in the entire state of Alabama with Huron products.

### Dow Acquires Versenes

Dow Chemical has announced that it has purchased all of the outstanding stock of Versenes, Inc., a producer of chelating compounds used to furnish trace elements to growing plants. Versenes, formerly known as Bersworth Chemical Co., also produces chelating agents for use in detergent, soap, textile, metal, rubber, pharmaceutical, and petroleum industries.

F. C. Bersworth, president of the Versene company, will become a Dow, research consultant, and Frank Kottek Versenes treasurer and general manager, will continue as production manager at Framingham, Mass., where the company's manufacturing facilities are located.

### FMC Realigns San Jose Research Organization

Food Machinery & Chemical is realigning certain research activities formerly performed by the company's central research department in San Jose, Calif.

Coincidental with the completion of special chemical research projects for the Department of Defense, the San

Jose research group's chemical activities has been transferred to the laboratories of its chemical divisions. The administrative offices of this group of divisions is in New York City.

Most of the qualified key personnel previously engaged in chemical research at San Jose under Government defense contracts are being transferred to the research groups of FMC's Chemical Divisions.

Segments of the central research department engaged in research work other than chemicals also have been aligned with appropriate FMC manufacturing operations.

The reorganization embraces a total of approximately 30 employees.

### Research

#### Captan Gives 30% Yields Increase in Rutgers Tests

Captan, a fungicide developed at Rutgers by Robert H. Daines, proved unusually effective this past season, Dr. Daines reported at the recent meeting of pesticide dealers at Rutgers. A 30% better yield of apples was obtained from young, just-bearing trees of the Stayman variety. This comparison was made with trees sprayed with Ferbam.

In one particular block of young trees, those sprayed with Ferbam yielded at the rate of 4.4 bushels an acre, while those sprayed with captan yielded 11.1 bushels, according to Dr. Daines.

Captan has shown good eradicant action against apple scab when used within 18 hours of the beginning of an infection period. It is effective also, Dr. Daines said, against frog eye leaf spot, Brooks' fruit spot, bitter rot, calyx end rot, black rot, black spot on the fruit, and Botrytis nest rot in storage.

Captan was developed at Rutgers under the laboratory code number SR-406.

It produced fruit with excellent finish, russetting having been less on Captan-sprayed fruit than on fruit sprayed with other products.

#### Drummond Fellowship to Be Awarded Early Next Year

The Drummond Trust has announced that applications for the Drummond Fellowship for Research in Nutrition will be considered next March by the managing trustees.

The fellowship, to be tenable for two years at any research institute in Britain or overseas, will provide £900 a year, to which may be added a grant for expenses of research not exceeding £50 a year. Up to £90 may be paid for superannuation.

Full information can be obtained from the Honorary Secretary, Drummond Trust, University College London, Gower Street, W.C. 1. Completed application forms must be received not later than Jan. 15, 1955.

**People**

**Tishler Named Scientific VP of Merck**

**Max Tishler** has been appointed vice president for scientific activities of the chemical division of Merck. He succeeds **Per K. Frolich**, who resigned to accept a top civilian post with the Army Chemical Corps. Dr. Tishler has been with Merck since 1937. He has been director of process research and development since 1953.

**Sidney T. Ellis** has been named executive vice president of Commercial Solvents Corp. He has been with the company since 1951, serving as administrative vice president.

**William Bellano** has been appointed production manager of the phosphate chemicals division of International Minerals & Chemical. **Neil B. O'Donnell** becomes assistant manager of production. **Robert V. Safford** has been

named assistant manager of engineering and maintenance at the IM&C plant at Bonnie, Fla. **James F. Roe** succeeds Mr. O'Donnell as superintendent of the Bonnie plant.

**J. Peter Kass** has resigned as director of research for Atlas Powder, but will continue to consult with the company on its food research program. **Robert S. Rose, Jr.**, now associated director of research, has been named acting director of the research department.

**Eldon E. Retzler**, development engineer and food technologist, is in Mexico City at the Instituto Mexicano de Investigaciones Tecnologicas to work on a project in the development of Mexican industry.

**L. W. Melander**, former USDA plant pathologist, has joined American Chemical Paint as project leader in research and development. **Richard A. Fosse** has left Monsanto to become western representative of the ACP agricultural chemicals division, research and development department. **John E. Gallagher**, a recent graduate of Pennsylvania State University, has joined the company as a research specialist.

**R. A. Bintz**, manager of National Starch's plant in Plainfield, N.J., has

been promoted to assistant director of manufacturing for the company. **James L. Edwards**, plant superintendent at Plainfield, has been named plant manager and **Russell W. Burdge**, plant superintendent.

**Marvin Cook**, former chief chemist of June Dairy Products Co., has been appointed director of food and flavor laboratories for Norman Applezweig Associates, New York consulting biochemists.

**Harold A. Swanson** has been appointed assistant vice president of Nopco Chemical in charge of the vitamin division. His headquarters will be in Harrison, N. J.

**Curtis L. Mason** has been named assistant sales manager for the Niagara Chemical Division of Food Machinery & Chemical.

**Arthur F. Bixby** has been promoted from assistant manager to manager of agricultural chemicals for Pennsylvania Salt Mfg. Co. of Washington.

**C. B. Pence** has been appointed supervisor of agricultural chemicals sales in the Atlanta office of Dow Chemical.



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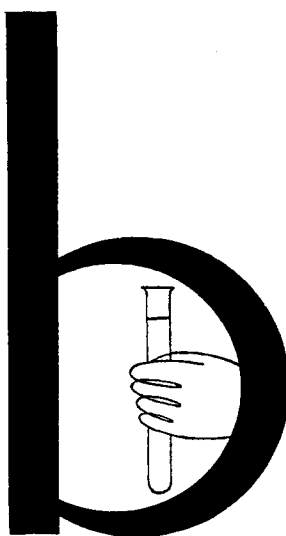
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