

News of the Month . . .

INDUSTRY

United-Heckathorn to Spray for Medfly Control in Florida

United-Heckathorn has been awarded a \$500,000 contract for aerial spraying against the Mediterranean fruit fly in Florida. The contract provides that the company will treat the acreage three times, supply the malathion, mix the insecticide with water, and combine the insecticide with a fruit fly-attracting bait.

The bait, to be supplied by USDA (at a cost to the government of another \$500,000), is a liquid hydrolyzed protein obtainable from yeast, milk, or corn.

The areas to be sprayed lie between the Everglades and the Atlantic shoreline and from West Palm Beach to Kendall, south of Miami.

IM&C to Build Fertilizer Mixing Plant in Minnesota

International Minerals & Chemical announces it will build a plant for manufacture of mixed fertilizer at Fairfax, Minn. Construction is to begin shortly and is expected to be complete in time for next spring. IM&C now serves the area from its Mason City, Iowa, plant.

Davison Installs New Granulation Process

Davison Chemical reports it has completed installation of facilities for manufacture of granulated fertilizers at three of its plants. According to Davison, the process permits positive heat control and use of ingredients in solution form, such as phosphoric acid and nitrogen or urea solutions. The process also has the advantage of being able to turn out higher analysis products—up to the 15-15-15 range. Its plants at Alliance, Ohio, Perry, Iowa, and Curtis Bay, Md., are now capable of using the process. Installation of the facilities cost a total of \$1.2 million.

Stauffer Buys 50% of San Francisco Chemical

Stauffer Chemical announces it has bought a half interest in San Francisco Chemical Co. San Francisco was wholly owned by The Mountain Copper Co., Ltd., of London. According to Stauffer, the purchase furthers its vertical integration and basic structure.

Stauffer has bought most of its

phosphate rock supply during the past several years from San Francisco Chemical, which operates its own mine at Montpelier, Idaho, and a Stauffer-owned mine in Southwestern Wyoming.

San Francisco is also developing Stauffer claims near Hot Springs, Idaho.

Pennsalt Completing Mexican Plant

Pennsalt announces that it is completing work on a new agricultural chemical processing and distribution center in Mexico. The plant, to be operated by Pennsalt de Mexico, is located at Navojoa, Sonora, in the northwestern area of Mexico.

Corn States Hybrid to Sell Stauffer Seed Protectants

Stauffer Chemical has signed an agreement with Corn States Hybrid Service of Des Moines, Iowa, whereby Corn States is to become service and sales agents of Stauffer's seed protec-

tants, including Captan, east of the Rockies. Corn States has resident field specialists in some 22 agricultural areas.

Ninol Labs Move

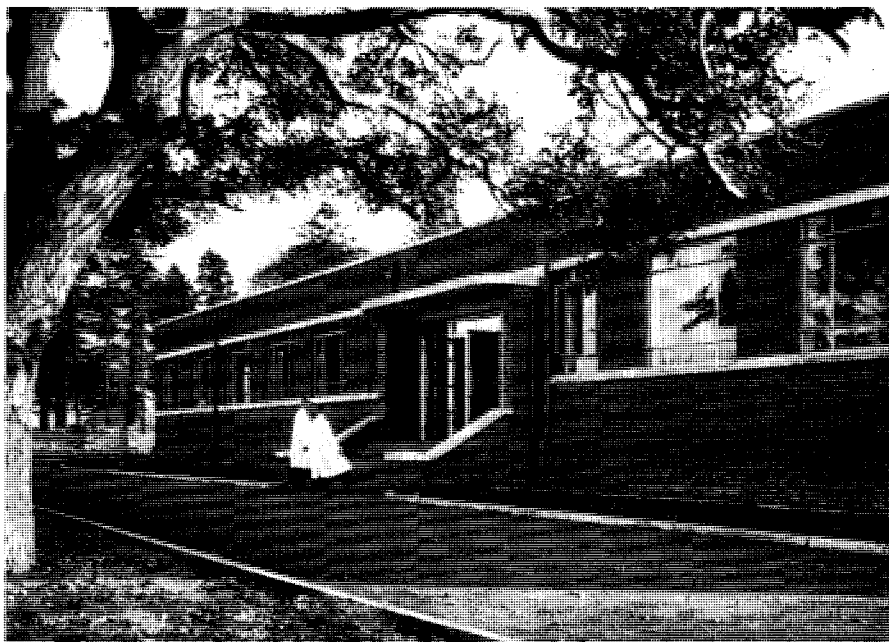
Ninol Laboratories, Inc., Chicago manufacturer of emulsifiers and detergents, has transferred its research and development laboratories to the new plant on the south side of Chicago. Its business and executive offices have been moved to Prudential Plaza, Chicago 1, Ill.

Alcoa Board Chairman Buys Stock in Re-Mark Chemical

Re-Mark Chemical Co. has announced that Arthur Vining Davis, board chairman of Aluminum Co. of America, has bought 25,000 shares of its preferred stock. Re-Mark Chemical manufactures insecticides and fertilizers at three plants in Florida and is planning another to be built in Cuba. The family controlled enterprise reports its sales volume in 1955 at

Shell Extends Agricultural Research in Great Britain

Major extensions to the Woodstock Agricultural Research Center have recently been completed by Shell Research, Ltd. Improvements cost approximately \$500,000. Shown below is the entrance to the main building. Located near Sittingbourne, Kent, Woodstock is now headquarters for all agricultural research in Europe for companies in the Royal Dutch/Shell group. The enlarged laboratories have three main functions: basic research to discover new agricultural chemicals; development and testing of new products; and solution of specific problems originating from their use. Present emphasis is on new and more effective pesticides. The labs and other research buildings occupy 25,000 square feet





Train Load of Ammo-Phos for Nebraska Wheat Growers

The "Wheat-Belt Special," a 68-car train loaded with chemical fertilizer, arrived in Omaha, Neb., late last month. It was the largest single shipment of fertilizer ever to enter the state and the quantity in the shipment is greater than all the commercial fertilizer used in the state in any year before World War II. The 27 fertilizer dealers who ordered the fertilizer were guests of the manufacturer, Olin Mathieson, in Houston, Tex., where they saw the Ammo-Phos fertilizer being manufactured and loaded. To be used mainly on fall wheat, the fertilizer is expected to add an additional \$1 million to cash-crop income

\$574,205. Its preferred stock was originally offered in April 1955 at \$1.25 a share and is now being quoted at around \$3.75 a share, according to the company.

IM&C's Doubled Facilities for Dicalcium Phosphate Complete

Full scale operation of doubled dicalcium phosphate facilities was expected early this month at International Minerals & Chemical's Bonnie plant in Florida. The facilities were completed six months ahead of schedule. The company said it placed emphasis on this part of its expansion because of a shortage of this feed supplement.

American Chemical Paint Opens Missouri Plant

American Chemical Paint announces opening of its new plant at St. Joseph, Mo. The plant is expected to serve an area from the Mississippi to the Rockies and from Canada to the Gulf of Mexico. Products include

weed killers, plant hormones, defoliants, liquid fertilizers, and insecticides.

Stauffer Moves Southeastern Sales Office to Tampa

Stauffer Chemical has transferred its southeastern regional sales office from Apopka to Tampa, Fla. It will be housed in a new building adjacent to its insecticide manufacturing plant and laboratory. Warehouse stocks will continue to be maintained in Apopka.

Continental Can Opens New Chicago Laboratory

Continental Can Co. opened its new \$7 million laboratory for research and engineering last month. The Chicago facility will house 265 scientists and technicians, providing more than 260,000 square feet of floor space. At the dedication ceremony, T. C. Fogarty, company president said that Continental Can had invested \$36.7 million in packaging research over the past five years and that 60% of it has gone into metal research and engineering.

RESEARCH

Dow to Sponsor Basic Research in Insect Taxonomy

Dow Chemical has announced it will provide funds for a basic research project on the taxonomy of parasitic wasps of the U. S. The University of Michigan is to provide laboratory space and general facilities for the project in its Museum of Zoology on the campus at Ann Arbor. Project director will be Henry Townes, who joined the University staff as research associate recently after a period as associate professor of entomology at North Carolina State College. Robert R. Dreisbach, Dow consultant, will be associated with Dr. Townes in the project.

Initial work will be on the family Ichneumonidae, which includes about 7500 species (two thirds of them unnamed) in the U. S.

Liquid Fertilizer Produced from Wet Process Phosphoric

Tennessee Valley Authority announces it recently produced a liquid fertilizer from wet-process phosphoric acid and tested it on a Kentucky farm.

TVA made 1500 pounds of 8-24-0 fertilizer by rapid ammoniation (with ammonia) of wet process phosphoric (42% H_3PO_4) in the laboratory. The impurities in the product were finely divided and remained suspended in the liquid for as long as three months. In the same amount of time, no crystallization occurred when the product was stored at 32° F. According to TVA, slow ammoniation or more dilute acid produced rapidly settling impurities.

The suspension-type fertilizer can be handled in mild steel and pumped satisfactorily with ordinary equipment. In the test TVA carried out with Kentucky Agricultural Extension Service, seven acres were fertilized at a rate of 50 pounds of P_2O_5 per acre using a pesticide pump and a pipe fitted with spray nozzles. No stoppages of the pump or nozzles resulted from the presence of suspended impurities. No appreciable amount of sediment remained in the drum at the end of the test.

PEOPLE

Mayfield Elected Hercules Vice President

Paul Mayfield has been elected a vice president and member of the executive committee of Hercules Pow-