



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-