

which the company intends to expand. The new sulfuric plant will be integrated with National's sulfuric plants of its USI Division at Tuscola, Ill., Dubuque, Iowa, and De Soto, Kans., the three of which now produce about 900 tons of sulfuric a day.

About 40 miles from Danville, National is building an ammonia plant which is to be expanded before completion. The plant was originally scheduled to produce about 35,000 tons of ammonia a year, but capacity will be increased to 65,000 tons. The lower level capacity is scheduled to go on stream early next year and the additional capacity will be ready about mid-1955.

The company has emphasized that it has not intention of manufacturing finished fertilizers. Policy of the company is to withdraw from special lines or those in which it has no basic position. Thus, the company has sold the anti-freeze, resin, and insecticide business of the USI Division.

The company pointed out that its sale of the insecticide division and the Baltimore plant did not include methionine and some of the other chemicals made there. These chemicals will be manufactured there, however, until new facilities for them are constructed at other locations.

### A. E. Staley Buys Glidden's Feed Business

A. E. Staley Mfg. has purchased the livestock and poultry feed business of Glidden & Co. Amount of the sale was not disclosed.

Actual physical properties were not involved in the sale, but Staley will lease several of Glidden's distribution warehouses throughout the Midwest. Several members of the Glidden sales staff and dealers will transfer to Staley.

Glidden says it is selling the feed business to free its Indianapolis plant for production of vegetable oils and oilseed products. Staley will supply Glidden outlets from its own facilities at Decatur, Ill., where a new 100,000-ton-a-year mixing plant is located.

### Girdler to Build Nitric Acid Plants Employing Du Pont's Process

The Girdler Co., a division of the National Cylinder Gas Co., will build nitric acid plants employing the process of Du Pont.

Girdler first built a nitric acid plant of the Du Pont type in 1949. Since then many improvements have been made in the process, and these will be incorporated in future plants sold by Girdler.

Use of nitric acid has grown considerably during the past several years, principally for the production of fertilizer-grade ammonium nitrate and the new nitrophosphate fertilizer materials.

### Dow Building Biochemistry Laboratory

Construction of laboratories to house its Biochemical Research Department was started recently at Midland, Mich., by Dow Chemical.

The new structure, 208 by 190 feet, will provide 40,000 square feet of laboratory space for the five sections of the department, which includes toxicology, industrial hygiene, microbiology, basic biochemical, and wood laboratories. Completion is expected within a year.

### People

#### Frolich Named to New Civilian Post in Chemical Corps

Per K. Frolich, vice president in charge of scientific activities of the Chemical Division of Merck & Co., has been appointed to the top civilian scientific post in the Chemical Corps. According to the announcement from the Department of the Army, Dr. Frolich will serve as Deputy Chief Chemical Officer for Scientific Activities and Chief Scientist for the Corps, a new position in the Chemical Corps. Chief Chemical Officer for the Corps is Maj. Gen. William M. Creasy. Dr. Frolich will assume his new duties about Dec. 1.

**Robey W. Harned**, consultant and staff assistant to the chief of the entomology research branch of the Agricultural Research Service, USDA, has retired. He directed cotton insect work for the Bureau of Entomology and Plant Quarantine for over 20 years. Before joining BEPQ, Harned served 25 years as professor of entomology and zoology at Mississippi A&M and entomologist at the Mississippi Agricultural Experiment Station. In 1927, he was president of the American Association of Economic Entomologists.

**D. M. Yoder** has been appointed head of the biological research department of Carbide & Carbon Division of Union Carbide & Carbon Chemicals Co. He will be responsible for research on the company's line of Crag agricultural chemicals. Dr. Yoder has been senior research fellow on Carbide's agricultural research fellowship at the Boyce Thompson Institute.

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