## Capsule News Summaries . . .

**United States Gypsum Company** has developed a granulation process for gypsum to be used primarily in the formulation of gypsum based agricultural products, including soil conditioners, sulfur fertilizers and pesticides. For the first time gypsum or gypsum-additive mixtures can be formed into granules of any size. The announcement was made by James S. Brinckerhoff, general manager of U.S.G.'s Chemical Division.

Ford Motor Credit Company has announced a new tractor and equipment Residual Value Lease Plan — offering lower payments and longer terms—available through Ford Motor Company tractor dealerships. "Many customers need equipment for intermediate to long periods but, for a variety of reasons, their needs are filled better by leasing than by owning the needed equipment," Says Edward C. Nevergold, executive vice president — North American Sales Financing Operations. "Ford Motor Credit Company's new Residual Value Lease Plan offers customers lower lease payments, and a wide variety of repayment options."

**Automated trademark searches** made from a computerized data base containing all 750,000 trademark registrations and applications in the U.S. Patent Office, are being offered by TCR Service, Inc., 2001 East Fourth Street, Santa Ana, Calif. This service helps determine whether the right to a proposal mark has been pre-empted by prior use or by registration of a substantially similar mark. These searches should be conducted before adopting a trademark to minimize the risk of advertising and promoting a pre-empted mark. A search of the TCR data base with written comprehensive report can be requested for any single name at a cost of \$32.00.

The U.S. Department of Labor has suspended the effective date of a requirement regulating farm worker exposure to pesticides. The emergency temporary standard was scheduled to take effect Monday, June 18. It will be issued at a later date. The Department's Occupational Safety and Health Administration (OSHA) issued the original standard on May 1. Among other things, the standard set time limits for re-entry into growing areas treated with certain chemicals.

Scientists at the agricultural experiment station of the University of Minnesota, St. Paul, will study methods for the application of sewage sludge to land under a cooperative agreement with the U.S. Department of Agriculture. The department's Agricultural research service will provide \$35,000 for this one-year study. The Metropolitan Sewer Board, St. Paul, Minn., and USDA's soil conservation service will cooperate in the study. The objective of this cooperative study is to develop safe, efficient and practical methods of applying sewage sludge to land while controlling pollution of surface and ground waters through a program of total water management.

## Zonyl Fluorosurfactants Developed By DuPont Co.

The Du Pont Company has developed a new family of fluorosurfactants with properties which it described as "far superior to those of nonfluorinated surfactants."

The line of Zonyl fluorosurfactants consists of six products, five in liquid form and one solid. Anionic, cationic, nonionic and amphoteric materials are available. High effectiveness at very low concentrations (0.005 to 0.1 per cent), excellent stability in adverse thermal and chemical environments and greater surfactension reduction than other surfactants are the major attributes of the new product line.

The liquid products offer ease of handling and the broad product spectrum permits selection of those types with best combinations of chemical compatibility, physical properties, surface activity and economy.

Agricultural applications are expected to include the use of the new products as wetting agents for powders or other agrichemicals used in foliar sprays and as corrosion inhibitors for chemical applicators.

Manufacturers interested in evaluating the new products may write on company letterhead for full technical information to Fluorosurfactants, E. I. du Pont de Nemours & Co., Inc., Room 23547, Wilmington, Del. 19898.

