

New Products and Equipment . . .

Undiluted Dichloropropenes For Control of Nematodes

Dow has begun marketing its Telone for nematode control this fall. Telone soil fumigant is composed of undiluted technical dichloropropenes, which constituted the main active ingredient in its no-longer-available Dowfume N.

The company says the more concentrated product (95%) gives better than 90% control of root knot nematodes when applied at a depth of 6 in. At the same depth a product with 50% dichloropropene is said to give about 50% control.

The dichloropropenes are effective against lesion or meadow nematodes, and such cyst formers as sugar beet and golden nematodes, as well as root knot nematodes.

More data on Telone can be obtained from Dept. A&F, Dow Chemical Co., Midland, Mich.

Petroleum Sulfonates for Fertilizer Manufacture

L. Sonneborn Sons, Inc., offers to plant food manufacturers a series of petroleum sulfonates. The company says these materials act as a source of plant nutrients and as an agent for facilitating utilization of nutrients by plants.

Further information can be obtained from Dept. A&F, White Oil, Petrolatum & Sulfonate Division, L. Sonneborn Sons, Inc., 300 4th Ave., New York 10, N. Y.

Preventing Rancidity In Mayonnaise

Fermco Chemicals announces Fermcozyme (glucose oxidase-catalase) to prevent oxidative rancidity in mayonnaise, and to stabilize initial color. The company suggests its use in other fatty foods.

More information can be obtained from Dept. A&F, Fermco Chemicals, Inc., 4941 South Racine Ave., Chicago 9, Ill.

Liquid Fertilizer Plants By the Package

A packaged liquid fertilizer mixing unit is offered by Standard Steel Mfg. Co., Inc. The batch unit automatically meters and weighs raw materials. To begin operation only electric current and hose lines to raw material tanks are necessary. When completely assembled, the skid-mounted unit is

18 ft. long, 8 ft. wide, and 14 ft. high. It can mix 120 tons of liquid fertilizer every 8 hours, using such materials as dry-form potash, aqua ammonia, liquid urea-ammonium nitrate, phosphoric acid, and other liquid fertilizer components. The manufacturer says it can use anhydrous for direct batch mixing without converting mechanisms.

Further information can be obtained from Dept. A&F, Standard Steel Mfg. Co., Inc., Indianapolis 18, Ind.

Meat Curing Aid

A meat curing adjunct said to give substantial savings in cost over those of ascorbic acid and sodium ascorbate is being introduced by Merck. The new product, sodium isoascorbate (tradenamed Neo-Cebitate), can replace both ascorbic acid and sodium ascorbate in cured and fresh meat applications, for which it is approved by the Meat Inspection Branch of USDA. It can be used also as an antioxidant in frozen foods, fruit juices, and beer.

More details can be obtained from Dept. A&F, Merck & Co., Inc., Rahway, N. J.

Plastic Tanks for Fertilizer, Pesticide Formulators

Polyester glass-reinforced tanks are offered to manufacturers of fertilizer solutions and pesticides. The tanks are said to resist attack of phosphoric and sulfuric acids, as well as other fertilizer materials, insecticides, and herbicides. The resistance offered by these light weight tanks is said to be superior to that of stainless steel in some applications. A wide range of sizes (up to 30,000 gal.) is available. Flat covers and fume ducts also are available.

More information can be obtained from Dept. A&F, Haveg Industries, Inc., 900 Greenbank Road, Wilmington 8, Del.

Respirator

Protection against toxic aerosols, fine dusts, and other minute particles is offered by Dustfoe Ultra-Filter respirator.

The filter cartridge is easily replaced. An aluminum face piece can be formed by the fingers to fit the contours of the wearer's face. A neoprene sponge cushion assures an airtight seal.

For further information, write for bulletin No. 1004-2 to Dept. A&F, Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.

Calculator for Fertilizer Mixers

A slide rule for determining the pounds of raw materials required for any fertilizer mixture is being offered free by the Nitrogen Division of Allied Chemical. Proper positioning of slides in the stiff cardboard frame computes the amounts of various types of nitrogen solutions, superphosphate, and potash materials needed to manufacture any grade of fertilizer. The pocket-size device will be sent to those who write on fertilizer mixing company letterheads to Dept. A&F, Public Relations, Nitrogen Division, Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.

Liquid Fat for Alfalfa

Swift & Co. offers alfalfa dehydrators and feed mixers a stabilized, liquid, compounded fat to reduce dusting during mixing and handling. Liquid at temperatures of 40° to 50° F., it is also workable at temperatures as low as 30° F.

Among other advantages Swift lists for its product, called Triple F 20, are: stabilization to produce high carotene and vitamin retention; intensification of sheen and color of alfalfa; and expedition of dispersion, reduced balling, and lubrication of surfaces of mixing equipment.

For further information, write Dept. A&F, Swift & Co., 1800 165th St., Hammond, Ind.

Radiation Service

Isotope Products announces it will offer a radiation service for industry. The projected service is to include consultation and technical service, a pilot plant with a gamma source, and eventually design and construction of commercial units for production line irradiation techniques.

The radiation pilot plant for process research is to be completed in 1957, but the consultation aspect of the service is under way now. A 15,600-curie cobalt source has been ordered from Atomic Energy of Canada and is to be delivered when the \$100,000 pilot plant is complete.

Further information is obtainable from Dept. A&F, Isotope Products, 1700 Niagara St., Buffalo 7, N. Y.

