

LITERATURE AVAILABLE

(Continued from page 250)

eight pages gives specifications, describes use of Attagel 30, a colloidal grade of Attapulgit, as a suspending agent for plant nutrients in water. Six typical liquid formulations in which product has been used successfully are included. Technical Data Sheet T. I. 959 is available from Dept. A&F, MINERALS & CHEMICALS CORP. OF AMERICA, Essex Turnpike, Menlo Park, N. J.

Fertilizer Mixing Plants. Brochure describes series of economical package plants for blending and mixing bulk fertilizers. Designed for low-cost installation in any simple steel or frame building, the pre-engineered plants are furnished complete with equipment and detailed assembly plans. Company will also handle construction on a turnkey basis. Smallest plant is designed for one-man operation to produce 15 tons of mixed goods per hour. Request brochure from Dept. A&F, MIDSTATE MACHINERY CO., 359 East Main St., Decatur, Ill.

Dicalcium Phosphate. Prepared for producers and formulators of livestock and poultry feed supplements, four-page illustrated folder describes manufacture of high purity dicalcium phosphate. Shows eight-step, quality-controlled process used in making granular dicalcium phosphate via the elemental phosphorus route. For free copy, write to Dept. A&F, Phosphorus Division, HOOKER CHEMICAL CORP., Jeffersonville, Ind.

Fungicide Test Results. "Results of 1959 Fungicide and Nematocide Tests," issued by the American Phytopathological Society, summarizes results of current fungicide and nematocide testing projects. Report gives information on products available for testing, composition of products, and their sources. Copies are available at \$1.00 each when remittance accompanies order, \$1.25 when invoiced and billed. Address orders to A. B. Groves, Dept. A&F, WINCHESTER FRUIT RESEARCH LABORATORY, Route 3, Winchester, Va.

Antioxidant. Applications of Tenamene 3 (2,6-di-*tert*-butyl-*p*-cresol) as an industrial antioxidant are discussed in 16-page brochure. Performance charts and graphs illustrate the product's effectiveness in a number of industrial materials, including insecticides. Complete data on physical properties of Tenamene 3 are given in tabular form. Request Bulletin I-107 from Dept. A&F, EASTMAN CHEMICAL PRODUCTS, INC., Kingsport, Tenn.

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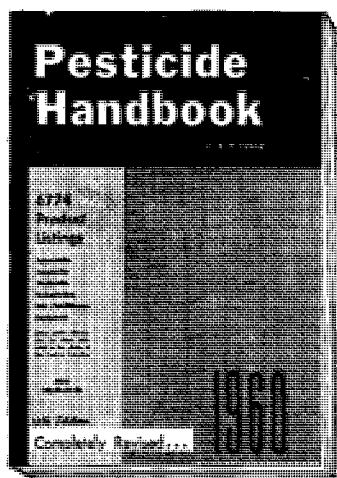
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about the editor—

Dr. Donald E. H. Frear, Editor of PESTICIDE HANDBOOK 1960, is one of the leading authorities on the chemistry of pesticides. He is the author of "Chemistry of Insecticides and Fungicides," the first book dealing with this subject published in the United States. In addition he has written several other books, including "Chemistry of Insecticides, Fungicides, and Herbicides." Dr. Frear is Professor of Agricultural and Biological Chemistry at The Pennsylvania State University.

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Food Grade Phosphate. New bulletin outlines advantages of Curafos Formula 11-2, a soluble food grade phosphate for use in preparing pumping pickle for all cured meats. Product is said to be compatible with all curing ingredients, and to give cured color of improved stability, retention of soluble proteins and nutrients, and inhibition of rancidity. For copy of bulletin Curafos Formula 11-2, write Dept. A&F, CALGON Co., Hagan Center, Pittsburgh 30, Pa.

Air Conveying Systems. Brochure describes air conveying systems for bulk handling of powdered or granular materials. It covers completely automated and programmed process controls, and is illustrated with diagrams of typical equipment and systems arrangements. Brochure is available from Dept. A&F-K-P2, FLOTRONICS, INC., 1420 Zarthan Ave., Minneapolis 16, Minn.

Vibratory Equipment. New condensed catalog describes company's vibratory materials handling equipment and other lines. Among product lines covered are vibrators, car shakers and rappers, packers and jolters, hopper level switches, flow control valves, feeders, conveyors, spiral elevators, dry feeders and weigh-feeding equipment, vibrating screens, and many others. Catalog gives descriptions, data, and specifications, and lists company's representatives. Request Catalog 605 from Dept. A&F, SYNTRON Co., 1222 Lexington Ave., Homer City, Pa.

Filling Machines. Eight-page illustrated folder describes company's line of automatic and semiautomatic auger filling machines. Explains basic principle and inherent advantages of auger filling for powder, paste, and granular products. Chart lists speeds, weight ranges, and container sizes for 11 standard models. Copies are available from Dept. A&F, FMC PACKAGING MACHINERY DIVISION, 4900 Summerdale Ave., Philadelphia 24, Pa.

Seed Disinfectant. Data sheet describes new seed disinfectant and summarizes field experiments showing its effectiveness against loose smut of oats and bunt of wheat. Compound is only slightly volatile and is said to be less phytotoxic than other products. Request bulletin on Methylmercurypentachlorophenolate Compound "473" from Dept. A&F, Shepard Division, SOUTH

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AMERICAN MINERALS & MERCHANDISE CORP., 425 Park Ave., New York 22, N. Y.

Pest Control Guide. Practical pesticide dust and spray guide is designed specifically for vegetable growers. Contains 20 pages of facts and figures on dusting and spraying wide variety of vegetables and pests particularly common to New England, the Middle Atlantic states, and the Midwest. Detailed chart spells out materials and dosages recommended to control specified pests on 23 vegetables, including asparagus, beans, beets, broccoli, cabbage, and carrots. Charts tell how and when to apply the various insecticides and fungicides, and list tolerances and limitations of each. For a copy of the new vegetable dust and spray guide write Dept. A&F, Niagara Chemical Division, FOOD MACHINERY AND CHEMICAL CORP., Middleport, N. Y.

Nutritional Research. New 60-page catalog contains a comprehensive selection of products for use by research workers in biology, microbiology, bacteriology, and nutrition. Included are a wide range of amino acids, peptides, carbohydrates, adenylates, nucleates, purines, pyrimidines, enzymes, hormones, prepared microbiological media, and prepared test diets for experimental animals. Catalog is completely indexed, and each page lists item, weight, and price. For copy, write Dept. A&F, GENERAL BIO-CHEMICALS, INC., 49 Laboratory Park, Chagrin Falls, Ohio.

Aircraft Calibration. Handy pocket card, useful to aerial applicators, is plastic reproduction of USDA card giving formulas and tables for calibrating aerial application rates. One table gives number of acres in a swath of given width and length; the other shows the rate, in acres per minute, at which spray or dry material can be applied when swath width and speed of aircraft are known. Aerial applicators can secure free copies by writing Dept. A&F, TRANSLAND AIRCRAFT, Torrance Municipal Airport, 2600 West 247th St., Torrance, Calif.

Labeled Compounds. Catalog of 32 pages lists nearly 700 routinely available radioactive and stable isotopically labeled compounds useful in chemical and biological research. Includes 75 newly available materials.

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Arsenic Reagent. Bulletin details method for arsenic determination in parts-per-billion amounts. Based on new stable grade of silver diethyldithiocarbamate, colorimetric method is said to be sensitive and reproducible, simpler and more reliable than either the traditional Gutzeit method or the molybdenum blue method. Bulletin includes references. Write Dept. A&F, FISHER SCIENTIFIC Co., 308 Fisher Building, Pittsburgh 19, Pa.

Product Evaluation. Newly revised brochure describes company's broad scientific approach to biological and chemical research. Describes facilities and services for evaluation of chemical products in terms of their safety and effectiveness in the environments in which they will be used. For copy, send request to Dept. A&F, HAZLETON LABORATORIES, INC., P. O. Box 30, Falls Church, Va.

Dust Filter. Eight-page bulletin describes newly designed RJ dust filter. With only three moving parts, unit is said to filter and recover dust with top efficiency from air streams lightly or heavily loaded. Dusts may be extremely fine or coarse, abrasive or nonabrasive. Bulletin gives specifications and dimensions for single and multiple unit installations, and lists operating cost savings. Request Bulletin G-30 from Dept. A&F, DAY SALES Co., 810 Third Ave. N. E., Minneapolis 13, Minn.

Nylon Spray Nozzles. Bulletin describes large selection in sizes and types of components of nylon farm spray nozzles. Nozzle parts are made of nylon, with interchangeable orifice tips in choice of stainless steel, aluminum, or brass. Complete selection is available for airplane as well as ground spraying; nylon accessories include hose shank connectors, pipe plugs, hose shanks, and diaphragm pressure relief valves. Write for Nylon Bulletin 104, available from Dept. A&F, SPRAYING SYSTEMS Co., 3252 Randolph St., Bellwood, Ill.