

New Books

Organic Syntheses

Volume 36 in the "Organic Syntheses" series was published in November by John Wiley & Sons.

In this latest addition to the annual series, 62 contributors supply tested methods for the preparation of 35 important reactions. All of these have been double-checked before inclusion, the customary procedure for the entire series.

N. J. Leonard of the department of chemistry and chemical engineering at the University of Illinois serves as editor-in-chief of the current volume. The board of editors for the series includes: T. L. Cairns, James Cason, William S. Johnson, Melvin S. Newman, John D. Roberts, John C. Sheehan, and Max Tishler.

"Organic Syntheses," Volume 36, contains 120 pages and is priced at \$3.75.

Fungicide Test Results

"Results of 1955 Fungicide Tests" may be purchased in bound and covered form for \$1.00 per copy by sending orders with remittance to A. G. Newhall, Department of Plant Pathology, College of Agriculture, Cornell University, Ithaca, N.Y. The publication of these results is under the sponsorship of the American Phytopathological Society. It is a continuation of the publication of results formerly provided through a supplement to the *Plant Disease Reporter*, Plant Disease Epidemics and Identification Section, USDA.

Movie on TEPP

A short motion picture on tetraethyl pyrophosphate (TEPP) has been produced by Eastman Chemical Products, Inc. The film, available to educational institutions, county agents, vocational agricultural teachers, and interested farm organizations, shows how TEPP formulations are used in controlling various insects on fruit and vegetable crops. The film may be obtained by writing Eastman Chemical Products, Inc., 260 Madison Ave., New York 16, N.Y.

"The Rival World"

"The Rival World," a color movie that has won awards at five international film festivals, tells how science is meeting the insect threat and shows some of the methods used in fighting

enemy insects. There are startling close-ups of insects feeding, destroying, and being destroyed.

"The Rival World," produced by Shell, has won awards at film festivals in Italy, Holland, Scotland, Ireland, and Uruguay. It's in 16mm., color, and sound, and has a running time of 27 minutes.

The picture, available free of charge for showings by clubs and other organizations, may be obtained by writing to Shell Oil Co., 50 West 50th St., New York 20, N.Y.

LITERATURE AVAILABLE

Air Pollution. Four pages on the tools and techniques in air pollution control, part of the consultation service offered. Dept. A&F, HEMEON ASSOCIATES, 121 Meyran Ave., Pittsburgh 13, Pa.

Bag Selector. A paper selector in slide-rule form for determining the type of paper best suited to meet individual multiwall bag requirements. Dept. A&F, ST. REGIS PAPER CO., 150 E. 42nd St., New York 17, N. Y.

Bagging Scale. Automatic bagging scale, capable of packing up to 24 sacks of fertilizer a minute, is described and illustrated in data sheet. Ask for No. 5601 from Dept. A&F, RICHARDSON SCALE CO., Van Houten Ave., Clifton, N. J.

BHT. Guide for buyer of feed products tells about company's butylated hydroxytoluene antioxidants for feeds. One page data sheet discusses BHT use, registration of feeds containing it, packaging, shipping, and other considerations. Dept. A&F, U. S. INDUSTRIAL CHEMICALS CO., DIVISION OF NATIONAL DISTILLERS PRODUCTS CORP., 99 Park Ave., New York 16, N. Y.

Chromatography Equipment. Catalog of chromatographic equipment and accessories. Dept. A&F, RESEARCH SPECIALTIES CO., 2005 Hopkins St., Berkeley 7, Calif.

Company Description. Pictorial booklet about company's activities, for stockholders, employees, and others. Dept. A&F, MERCK & CO., INC., Rahway, N. J.

Defoamers. Four pages describe company's line of silicone defoamers for use in fermentations, urea formaldehyde, food processing, and other ap-

plications. Dept. A&F, DOW CORNING CORP., Midland, Mich.

Diethylstilbestrol. Four pages summarize recent research with company's agricultural products. Included are items about diethylstilbestrol and gibberellins. Dept. A&F, ELI LILLY & CO., Indianapolis, Ind.

Electrophoresis. Continuous-flow paper electrophoresis instrument, for preparing high-purity fractions of proteins, amino acids, polypeptides, and other materials of biological interest, is described with photographs and schematic drawings. Ask for form 4-CP from Dept. A&F, SPINCO DIVISION, BECKMAN INSTRUMENTS, INC., 630 O'Neill Ave., Belmont, Calif.

Fungus, Weed, Nematode Control. Five pages of technical information on use of Crag brand 974 to control soil fungi, nematodes, and weeds. Crag 974 is sold as a white powder with 85% 3,5-dimethyltetrahydro-1,3,5-2H-thiadiazine-2-thione, which can be applied dry or as a spray. Dept. A&F, CARBIDE & CARBON CHEMICALS CO., 30 E. 42nd St., New York 17, N. Y.

Gas Chromatography. Brochure describes Vapor Fractometer and new sampling accessories. Performance characteristics of 10 different liquid partition and solid absorption columns employed in the instrument are illustrated. Dept. A&F, PERKIN-ELMER CORP., Norwalk, Conn.

Grinding Mills. Six-page brochure covers company's major types of reduction mills—Tricone, rod, cylindrical, tube, batch, conical, and disc-roll mills. Accessories and classifying devices also discussed. Ask for bulletin AH-474 from Dept. A&F, HARDINGE CO., INC., 240 Arch St., York, Pa.

Process Instruments. Brochure presents descriptions and photographs of instruments for chemical process applications. Included are elements for detecting changes in temperature, pH, gas concentration, and other operating variables; and loggers, scanners, recorders, various process gas analyzers, and complete process control systems. Dept. A&F, LEEDS & NORTHRUP CO., 4907 Stenton Ave., Philadelphia 44, Pa.

Rodent Control. Bait station for rodent control in warehouses, feed stores, food processing plants is described in one-page folder. Dept. A&F, SOLVIT CHEMICAL CO., INC., Speedway Road, Madison 5, Wis.