

New Books

Clinical Toxicology of Commercial Products

By MARION N. GLEASON, ROBERT E. GOSSELIN, and HAROLD C. HODGE. The Williams & Wilkins Co., Baltimore, Md. 1957. xv + 1160 pages. \$16.00. Reviewed by ROGER C. BLINN, University of California, Citrus Experiment Station, Riverside, Calif.

THE SUBTITLE of this volume "Acute Poisoning (Home and Farm)" most accurately describes the view of the authors as to the purpose for this book. It is an extensive compilation of toxicological data on the multitudes of useful and attractive formulated products to be found around almost any home or farm. Included also are general recommendations for emergency, therapeutic, and supportive treatment in case of accidental or intentional poisoning by many of these products.

The material is organized so that the toxicological hazard associated with a specific ingredient or an entire formulated product may be found rapidly with ease. If the specific ingredients of a product are known, brief toxicological data may be found in the ingredients index, with references to the therapeutics index for more extensive toxicological and therapeutic data on the more toxic materials. If the specific ingredients of a product are not known, they may be found in the trade name index or inferred from the general formulation section. Should only the manufacturer's name be available, either through the trade name index or otherwise, his address may be found in the manufacturers' index.

The coverage of this book is not intended to be complete for all commercial products, but is intended to be complete for those products that are "the hardy perennials and current annuals" through December 1955. The authors are to be congratulated on completing such a monumental task of compiling and organizing such quantities of material so that individual data are easily and quickly at hand. The use of different colored paper for the various sections of this book also aids in the finding of information. Postal cards are enclosed with the book to encourage manufacturers, physicians, and toxicologists to furnish further information to be included in the supplement eventually to be sent each purchaser by the publishers without cost. It is hoped that the supplement will result in complet-

ing the information regarding ingredients which are missing in the trade name index. This reviewer regrets the inclusion of trade-named pesticidal products without naming the active ingredients (e.g. pp. 508, 547, 590, and 608), when these active ingredients are required by law to be listed on the label. It is also suggested by this reviewer that the toxicological data in the ingredients index for a pesticidal compound be included only with the accepted common name for that compound as recommended by the Committee on Insecticide Terminology of the Entomological Society of America in its most recent list [*J. Econ. Entomol.* 50, 226 (1957)]. All other synonyms and all references in the trade name index to a pesticidal compound should refer to the accepted common name.

The information contained in these various sections should be valuable to anyone working with pesticidal materials. The ingredients index refers to about 150 pesticidal materials as well as to other materials that are often in formulated pesticidal products. The therapeutics index lists 28 specific pesticidal ingredients. Nearly half of the more than 15,000 trade name references are of pesticidal formulations, and many of the formulations in the *General Formulation Section* are for pesticidal use. Thus the usefulness of this book for the pesticide worker is of wider scope than its toxicological intent might indicate.

Soil is Topic of 1957 Agriculture Yearbook

Soil is the 1957 topic of the Yearbook of Agriculture, published annually by the U. S. Department of Agriculture. The book has 88 chapters, written by 142 scientists in the fields of soil management, botany, chemistry, horticulture, soil conservation, agronomy, irrigation, and others. It furnishes up-to-date information on soil care for the use of home gardeners as well as farmers.

Copies of "Soil" may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$2.25. Requests for copies should not be sent to USDA.

Zonolite Produces Agricultural Chemical Film

A 20-minute, 16-mm. sound movie has been produced by the Terra-Lite

Division of Zonolite Company for showing to firms marketing agricultural chemicals.

Titled "Vermiculite, Carrier for Agricultural Chemicals," the film details properties of vermiculite as a carrier for insecticides, pesticides, and weed-killers. Production of vermiculite at company mines in South Carolina and Montana, and agricultural-chemical mixing techniques of the lightweight mineral are shown.

Information about free showings may be secured from Film Section, Dept. A&F, Zonolite Co., 135 S. LaSalle St., Chicago 3, Ill.

LITERATURE AVAILABLE

Livestock Vitamin A Requirements. Vitamin A requirements of common livestock in terms of U.S.P. units per ton of feed tabulated in buyers' guide. Copies of USI Perma-dry data sheet available to nutritionists and feed manufacturers from Dept. A&F, U. S. INDUSTRIAL CHEMICALS Co., 99 Park Ave., New York 16, N. Y.

Pipe and Tubing. Forty-eight-page catalog gives details on stainless pipe and tubing for use in beverage and dairy equipment, waste disposal systems, etc. Included is glossary of tubing terms and helpful facts to aid in selection of pipe or tubing, as well as guide on fittings, bending information, and installation hints. Catalog also supplies hardness, conversion, size range, corrosion, gage, and other tables. Write L. E. Baker, Dept. A&F, TRENT TUBE CO., East Troy, Wis.

Sewage Treatment. Four-page, illustrated bulletin describes rotary dryer used in treatment of sewage sludge and industrial waste. Dryer operates continuously in all kinds of weather, and operating and maintenance costs are low. Address request for complete details to Dept. A&F, STANDARD STEEL CORP., 5001 S. Boyle, Los Angeles, Calif.; Midwest Branch—LEADER WORKS, 2100 N. Jasper, Decatur, Ill.

Solar Poultry House Survey. Booklet containing data and information on solar design in poultry housing. It covers observation during critical winter and summer periods of 70 poultry houses which utilized the solar principle in varying degrees. Write to Dept. A&F, FARM DEPARTMENT, LIBBEY-OWENS-FORD GLASS Co., 608 Madison Ave., Toledo 3, Ohio.