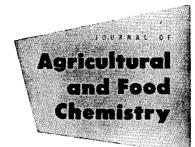
TECHNICAL SECTION

October 1958

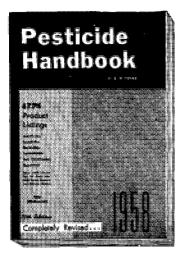
Volume 6, Number 10



PESTICIDES

Animal Metabolism of Insecticides, Bovine Metabolism of Organophos- phorus Insecticides: Significance of Rumen Fluid with Particular Refer- ence to Parathion	
M. K. Ahmed, J. E. Casida, and R. E. Nichols	740
Fungicide Residues, Determination of Phygon Residues on Food Crops J. R. Lane	746
Fungicide Residues, Spectrophotometric Determination of Pentachloronitro- benzene on Food and Forage Crops H. J. Ackermann, H. A. Baltrush, H. H. Berges, D. O. Brookover, and B. B. Brown	747
PLANT REGULATORS	
Translocation of Growth Regulators, Identification of Translocated Regulating Chemicals through Plant Response and Chromatography B. C. Smale and E. J. Daly	<i>75</i> 1
Growth Regulator Residues, Determination of N-m-Tolyl Phthalamic Acid Residues in Food Crops J. R. Lane, D. K. Gullstrom, and J. E. Newell	<i>75</i> 3
FOOD PROCESSING	
Food Discoloration, Reddening of White Onion Bulb Purees M. A. Joslyn and R. G. Peterson	<i>7</i> 54
Browning Reactions, Browning and the Amadori Rearrangement Philip Nordin and Y. S. Kim	765
FOOD PROCESSING/NUTRITION	
Amino Acids in Feedstuffs, The Tyrosine Content of Farm Feeds C. M. Lyman, B. J. Camp, and H. M. Tiller	767
Corn Nutrient Losses, Chemical Changes in Corn during Preparation of Tortillas Ricardo Bressani, Ramiro Paz y Paz, and N. S. Scrimshaw	<i>7</i> 70
Lime-Heat Effects on Corn Nutrients, Effect of Lime Treatment on in Vitro Availability of Essential Amino Acids and Solubility of Protein Fractions in Corn Ricardo Bressani and N. S. Scrimshaw	
Heat Effects on Peanut Proteins, Effect of Processing on the ε-Amino Groups of Lysine in Peanut Proteins Louise Bensabat, V. L. Frampton, L. E. Allen, and R. A. Hill	<i>7</i> 78

10th ANNIVERSARY Completely Revised



10th YEAR

UP-TO-THE-MINUTE

Reporting on over

Trade Names

AN IMPORTANT BOOK FOR THOSE INTER-ESTED IN ANY PHASE OF PEST CONTROL

County agents, extension and research specialists, manufacturers, salesmen, jobbers, dealers, purchasing agents, health officers, farmers and librarians have found this publication to be extremely useful time and time again. Pesticide Handbook is the ONLY book giving complete up-to-the-minute information on over 6,100 commercial products, completely indexed by trade names, active ingredients and manufacturers.

at your fingertips-

You'll find a wealth of information on fungicides, insecticides, rodenticides, adjuvants, diluents, compatibilities, antidotes, pest control equipment. New tolerances are listed.

about the editor-

Dr. Donald E. H. Frear, Editor of PESTICIDE HANDBOOK 1958, 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. versity.

Over 200 Pages

7.50

Cloth Bound Edition....ea. \$3.00 Postage included on prepaid orders

Send Today PESTICIDE HANDBOOK

P. O. BOX 798 STATE COLLEGE, PENNSYLVANIA