Bulletin of Environmental Contamination and Toxicology

1971

Vol. 6, No. 3
May-
June

JUL 1 1971

Table of Contents

RESIDUE ANALYSES AND BIOTESTS IN RICE FIELDS OF EAST JAVA TREATED WITH THIODAN®
by S. Gorbach, R. Haarring, W. Knauf, and H. J. Werner 193

REACTIONS BETWEEN FULVIC ACID, A SOIL HUMIC MATERIAL AND DIALKYL PHTHALATES
by Kelichiro Matsuda and Morris Schnitzer 200

ANTICHOLINESTERASE ACTIVITY AND ENZYMATIC DEGRADATION OF PHOSPHAMIDON AND γ-CHLOROPHOSPHAMIDON: A COMPARATIVE STUDY
by J. A. Rose and G. Voss 205

POLYCHLORINATED BIPHENYLS: SYNTHESIS OF SOME INDIVIDUAL CHLOROBIPHENYLS
by O. Hutzinger, S. Safe, and V. Zitko 209

TOXICITY OF PARATHION AND SEVERAL OF ITS PHOTOALTERATION PRODUCTS TO BOLL WEEVILS
by R. L. Joiner, H. W. Chambers, and K. P. Baetcke 220

SYNTHESIS OF KNOWN AND SUSPECTED ENVIRONMENTAL PRODUCTS OF HEPTACHLOR AND CHLORDENE
by Alfred S. Y. Chau, Joseph D. Rosen, and W. P. Cochrane 225

RATE OF HYDROLYSIS OF SEVEN ORGANOPHOSPHATE PESTICIDES
by Rubel P. Cowart, Frances L. Bonner, and E. A. Epps, Jr. 231

INPUT OF POLYCHLORINATED BIPHENYLS INTO CALIFORNIA COASTAL WATERS FROM URBAN SEWAGE OUTFALLS
by Timothy T. Schmidt, Robert W. Risebrough, and Franklin Gress 235

DDT UPTAKE AND GROWTH OF *EUGLENA GRACILIS*
by H. W. de Koning and D. C. Mortimer 244

1-HYDROXY-2,3-EPOXYCHLORDENE IN OREGON SOIL PREVIOUSLY TREATED WITH TECHNICAL HEPTACHLOR
by Fairie Lyn Carter, Charles A. Stringer, and Dorothy Heinzelman 249

BULLETIN • Vol. 6, No. 3 • Pages 193-288 • May-June 1971

SPRINGER-VERLAG NEW YORK • HEIDELBERG • BERLIN

MONS 096934

Table of Contents (cont.)

THE EFFECT OF DIETARY CHOLINE CHLORIDE AND INOSITOL ON THE DEPLETION RATE OF HEPTACHLOR FROM BIRDS
by C. R. Creger and L. F. Kybena 255

EFFECTS OF THIOCARBAMATE HERBICIDE COMPOUND (PEBULATE) ON MAGNESIUM: CALCIUM RATIO AND BLOOD UREA NITROGEN LEVELS IN EXPOSED SHEEP AND CATTLE
by L. M. Hunt, B. N. Gilbert, J. S. Palmer, and R. L. Younger 263

ANTAGONISM OF DDT STORAGE IN GUINEA PIGS BY DIETARY DIELDRIN
by D. J. Wagstaff and J. C. Street 273

UPTAKE AND EFFECTS OF DICHLOBENIL IN A SMALL POND
by Gerald E. Walsh, Charles W. Miller, and P. T. Heitmuller 279

MONS 096935