

Overview

The Eighth Symposium on Pesticide Formulations and Application Systems was held on 21-22 October 1987 in Bal Harbour, Florida. Like the previous seven symposia in this series, it was sponsored by ASTM Committee E-35 on Pesticides and organized by ASTM Subcommittee E35.22 on Pesticide Formulations and Application Systems.

It is the goal of ASTM Subcommittee E35.22 to provide a vehicle through symposia for the development and advancement of technology in areas of common interest. These symposia provide an open forum for presentations and discussions which stimulate creative and rewarding research in the areas of pesticide formulation and pesticide application systems. In addition, this symposium series is considered an important media for communication between the different sectors of our industry. The topics presented by representatives from industrial, academic, and governmental concerns combine to result in an information source which has become an important factor within the pesticide application systems technical arena.

The proceedings from the Eighth Symposium on Pesticide Formulations and Application Systems has been organized into three sections. The first section (Section I) records the opening comments made by Dr. Claude Corty (E. I. duPont de Nemours Company, Inc.) and Dr. Paul Becher (P. Becher Associates, Ltd.). Their insightful presentations created an enthusiastic environment for the presentations that were to follow.

The second section (Section II) centers on topics related to pesticide formulation technology, including technological advances in the areas of microemulsion formulation, microencapsulation formulation, aqueous flowable formulation, and the formulation of biological brand products. In addition, Section II offers information on the use of tank mix adjuvants, solvents, diluents, and pesticide manufacturing equipment in agricultural applications.

The third section (Section III) is devoted to topics related to technological advances in pesticide application systems. Presentations include research findings in the areas of spray droplet atomization, charged spray droplet application technology, agricultural sprayer design, and aerial application technology.

Our thanks are extended to the many symposium participants. It is our belief that, through continued participation, this symposium will remain a healthy medium for the exchange of ideas which result in technological advancement for agriculture.

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