



**IUPAC** International Union of Pure and Applied Chemistry

### IUPAC Committee on Crop Protection Chemistry

The International Union of Pure and Applied Chemistry (IUPAC), formed in 1919, is perhaps best known for its work in pure chemistry, atomic weights and nomenclature. In addition, IUPAC sponsors efforts in chemistry through its eight separate Divisions. Division VI is the Division of Chemistry and Environment (DCE) which provides reviews on the behaviour of chemical compounds in food and the environment.

The **Committee on Crop Protection Chemistry** is an off-shoot of this Division and provides, *via* a project system, unbiased and authoritative reports regarding environmental and human health aspects of crop protection chemistry. The Committee is comprised of approximately twenty scientists, and members are drawn from government, academia and industry to ensure a diversity of interests and perspectives.



Projects are undertaken by internationally diverse teams and a key aspect of the work is to move project outcomes into the broader scientific and regulatory arena, with a strong emphasis on technology transfer to scientifically emerging countries. These outreach activities include periodic workshops focused on a specific set of regional issues related to crop protection chemistry and an international congress of pesticide chemistry every four years which serves to highlight state-of-the-art scientific advances and regulatory approaches.



Project proposals are solicited on a regular basis and may arise from any member of the world chemistry community. Approved projects are completed by international task groups working under auspices of the Sub-Committee, and are generally completed within a 2 to 4 year period. Projects usually fall within the following themes:

- Safe Use of Pesticides
- Residues and Dietary Risk Assessment
- Environmental Fate and Transport Modeling
- Ecological Risk Assessment
- Natural and Biopesticides
- Pesticide and Pest Resistant (Transgenic) Crops

Project reports and recommendations arising from completed projects may be published in book form, as an article either in the IUPAC journal *Pure and Applied Chemistry*, or in another internationally recognised journal. The Committee also supports a website giving general information on pesticides which is of interest to scientists in academia, government and industry. This website can be found at <http://pesticides.iupac.org>.

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