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Global Insecticide Use for Vector-Borne Disease Control Third Edition

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Vector Ecology and Management WHO Pesticitle Evaluation Scheme (WHOPES)

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DEPARTMENT OF CONTROL OF NEGLECTED TROPICAL DISEASES (NTD) WHO PESTICIDE EVALUATION SCHEME (WHOPES) First edition, 2002 Second edition, 2004 Third edition, 2007

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Vector control constitutes an important element in the current global strategy for the control of major vector-borne diseases, and chemical control remains an important element in an integrated approach to vector control. In order to support the development of products to control vectors, facilitate the judicious use of insecticides and effectively manage insecticide resistance, there is a need to develop pesticide management systems based on regular monitoring and reporting of insecticide use in different disease control programmes.

An attempt has been made to document the use of insecticides for vector control at the global level (WHO, 2002^{1,2}), which could form the basis for the following:

- development of guidelines on safe and effective use of insecticides;
- development of guidelines for management of insecticide resistance;
- agreements for international use of insecticides (e.g. DDT, re-registration of insecticides in certain countries and how that may affect their international use);
- investment for development of alternatives;
- review and formulation of policies for insecticide usage at different levels (national, regional and global levels).

This document is a continuation of such effort and contains information on the global use of insecticides for control of vector-borne diseases for the reporting period 2003–2005.

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