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### Developmental disorders induced by pesticide degradation products

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**Publication date**  
2002

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#### **Citation for published version (APA):**

Osano, O. F. (2002). *Developmental disorders induced by pesticide degradation products*.

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# **Developmental Disorders Induced by Pesticide Degradation Products**

## **ACADEMISCH PROEFSCHRIFT**

ter verkrijging van de graad van doctor aan de Universiteit van Amsterdam  
op gezag van de Rector Magnificus prof. mr. P.F. van der Heijden ten  
overstaan van een door het college voor promoties ingestelde commissie, in  
het openbaar te verdedigen in de Aula der Universiteit op woensdag 17 april  
2002, te 12.00 uur

door Odipo Osano  
geboren te Nairobi (Kenia)

## **PROMOTOR**

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**Developmental Disorders Induced By Pesticide  
Degradation Products**

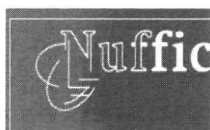


This study was conducted at the department of Aquatic Ecology and Ecotoxicology, IBED, Kruislaan 320, University of Amsterdam, P. O. Box 94084, 1090 GB, Amsterdam, The Netherlands ([www.bio.uva.nl/onderzoek/aot](http://www.bio.uva.nl/onderzoek/aot))

and at

The School of Environmental Studies, Moi University, P. O. Box 3900 Eldoret, Kenya.

MHO



Amsterdam Research Institute  
For Global Issues and Development Studies

This PhD dissertation is one of the results of the staff development project which is part of the Joint Financing Program for Cooperation in Higher Education (MHO) program 'Strengthening the School of Environmental Studies, Moi University, Eldoret, Kenya', managed by The Netherlands Organization for International Cooperation in Higher Education (NUFFIC) with funds from the Netherlands Minister for Development Co-operation since 1991. The program is coordinated by the Amsterdam Research Institute for Global Issues and Development Studies of the Faculty of Social and Behavioral Sciences of the University of Amsterdam (scientific co-ordinator Prof. dr Ton Dietz; project manager drs Annemieke van Haastrecht), together with Moi University SES (current dean Dr Wilson Yabann, former deans Prof. dr Charles Okidi, Prof. dr Dismas Otieno and Prof. dr Mwakio Tole).

Cover: Adult *Xenopus laevis*, 3D molecular structures of 2,4-dimethylaniline and 2-ethyl-6-methylaniline, an aircraft used for spraying pesticides and a drop of water. Cover design by Harm van der Geest.