



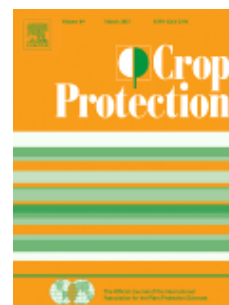
# CROP PROTECTION

The Official Journal of the [International Association for the Plant Protection](#)

## AUTHOR INFORMATION PACK

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ISSN: 0261-2194

### DESCRIPTION

The [Editors](#) of *Crop Protection* especially welcome papers describing an interdisciplinary approach showing how different **control strategies** can be integrated into practical **pest management** programs, covering high and low input **agricultural systems** worldwide. *Crop Protection* particularly emphasizes the practical aspects of control in the field and for **protected crops**, and includes work which may lead in the near future to more effective control. The journal does not duplicate the many existing excellent biological science journals, which deal mainly with the more fundamental aspects of plant pathology, applied zoology and weed science. *Crop Protection* covers all practical aspects of **pest, disease** and **weed control**, including the following topics:

Abiotic damage  
Agronomic control methods  
Assessment of pest and disease damage  
Biological control  
Biorational pesticides  
Control of animal pests of world crops  
Control of diseases of crop plants caused by microorganisms  
Control of weeds and integrated management  
Economic and social considerations  
Effects of plant growth regulators  
Environmental benefits of reduced pesticide use  
Environmental effects of pesticides  
Epidemiology of pests and diseases in relation to control  
Food safety  
GM Crops, and genetic engineering applications  
Importance and control of postharvest crop losses  
Integrated control  
Interrelationships and compatibility among different control strategies  
Invasive species as they relate to implications for crop protection  
Pesticide application methods  
Pest management  
Resistance management  
Sampling and monitoring schemes for diseases, nematodes, pests and weeds.

The [editors](#) of *Crop Protection* invite workers concerned with pest, disease and weed control to [submit](#) suitable contributions on any topic falling within the aims and scope of the journal.

## AUDIENCE

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Research workers, project planners, commercial producers.

## IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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AGRICOLA

Agricultural Engineering Abstracts

Biotechnology Research Abstracts

Elsevier BIOBASE

Chemical Abstracts

Current Contents/Agriculture, Biology & Environmental Sciences

Index to Scientific Reviews

Index to South African Periodicals

Irrigation and Drainage Abstracts

Field Crop Abstracts

GEOBASE

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Horticultural Abstracts

Plant Breeding Abstracts

Review of Applied Entomology

Review of Plant Pathology

Risk Abstracts

Science Citation Index

Soils and Fertilizers

Scopus

EMBiology

## EDITORIAL BOARD

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### *Principal Editors*

**B.S. Chauhan**, University of Queensland, Toowoomba, Queensland, Australia

Weed ecology and biology, seed ecology, integrated weed management, herbicide use and herbicide resistance management, conservation agriculture

**J. Correll**, University of Arkansas, Fayetteville, Arkansas, USA

Crop pathogens such as fungi, oomycetes, bacteria, viruses, other microbes.

**J.V. Cross**, East Malling Research, East Malling, Kent, UK

Pesticide applications, entomology, integrated pest management, tropical pest management. Invertebrate crop pests including insects, mites and molluscs. Vertebrate crop pests including mammals and birds. Pesticides and crop protection agents application technology (spraying methodology)

**L Korsten**, University of Pretoria, PRETORIA, South Africa

Food Safety, Food security, Postharvest pathology, biological control, Plant pathology, citrus black spot, Penicillium, water quality, food borne pathogens, plant pathogens, microbial ecology, phytosanitary issues

**F.P.F. Reay-Jones**, Clemson University, Florence, South Carolina, USA

Invertebrate crop pests including insects, mites and molluscs. Vertebrate crop pests including mammals and birds. Knowledge and technology transfer in crop protection. Integrated Pest Management in Field Crop Systems

**S.N. Wegulo**, University of Nebraska at Lincoln, Lincoln, Nebraska, USA

Crop pathogens such as fungi; oomycetes; bacteria; viruses; other microbes and nematodes.

### *Statistical Consultant:*

**C. Ritz**, University of Copenhagen, Frederiksberg C, Denmark

### **Editorial Board:**

**X. Chen**, Washington State University, Pullman, Washington, USA

Plant pathology and nematology

**C.A. Edwards**, Ohio State University, Columbus, Ohio, USA

Applied soil ecology and ecotoxicology

**W. Elmer**, Connecticut Agricultural Experimental Station, New Haven, Connecticut, USA

Management of Fusarium diseases; biological control on Soilborne plant pathogens; mineral nutrition effects on Soilborne plant pathogens.

**L. Gatehouse**, HortResearch Palmerston North, Palmerston North, New Zealand

Molecular Biology, particularly of insects and plants. This covers straight molecular biology and extends to plant and some insect transgenesis together with the expression and analysis of the expression of introduced genes. I have some experience of Biochemistry but do not consider myself an expert. I have a blind spot with Statistics and am most definitely not an expert. I have worked with insect viruses, insect symbionts and insect cell lines for baculovirus expression and other studies. Most of my work has been in the field of Plant Insect interactions looking at this from both sides and usually with a focus on crop protection.

**D.P. Giga**, Bulawayo, Zimbabwe

Stored Products Entomology (crop storage).

**L. Godfrey**, University of California, Davis, California, USA

IPM, Entomology, Economic Thresholds, Plant Response (including physiological) to Arthropod Injury, Cotton Entomology, Rice Entomology, Applied Field Ecology

**A.R. Hardy**, Central Science Laboratory, York, UK

**W.D. Hutchison**, University of Minnesota, St Paul, Minnesota, USA

Biological Control and Integrated Management of Arthropod Pests

**J. Katan**, Hebrew University of Jerusalem, Rehovot, Israel

Soil - borne plant pathogens .

**S. Liu**, Nat.Pingtung University of Sci.& Tech., Pingtung Hsien, Taiwan, ROC

Crop eco-physiological adaptation to arid environment; field crops management; ecosystem sustainable designing and the role of human being in restoring and conserving the structure and function of integrated ecosystem especially in the arid and semiarid regions in northwest of China and other similar regions in the world.

**G.A. Matthews**, Imperial College London, Ascot, UK

Pesticides and their application; entomology ; integrated pest/ crop management (IPM); crops esp Cotton; control of vectors of human diseases eg malaria but that has only to do with farmers' health and not crop protection.

**P.D. Mitchell**, University of Wisconsin at Madison, Madison, Wisconsin, USA

Crop economics; production economics; farm management; risk management; insect management; weed management; resistance management; transgenic crops; biotechnology; agricultural sustainability metrics.

**S.E. Naranjo**, U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), Peoria, Illinois, USA  
Insect biological control; sampling; decision-aids; transgenic crops; cotton entomology; insect population ecology.

**R.E.L. Naylor**, University of Aberdeen, Aberdeen, Scotland, UK

**J.R. Nechols**, Kansas State University, Hays, Kansas, USA

Biological control; natural enemy-pest interactions; alternative pest management.

**O.M. Olanya**, U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), Wyndmoor, Pennsylvania, USA

**K.W. Seebold**, University of Kentucky, Lexington, Kentucky, USA

Soilborne plant pathogens ecology and epidemiology (cotton and vegetable crops) Fungicide resistance and resistance management Integrated pest management Mycology Epidemiology and management of plant disease

**P.C. Stevenson**, University of Greenwich, Chatham, UK

Plant chemistry; phytochemistry; pollinators; bees; pesticidal plants; botanical insecticides; crop resistance.

**J.C. Streibig**, University of Copenhagen, Taastrup, Denmark

Weed science and vegetation management.

**M.E. Tobin**, U.S. Department of Agriculture (USDA), Fort Collins, Colorado, USA

Wildlife ecology; wildlife damage management; human-wildlife conflicts; rodent control; bird damage control.

**P. Trematerra**, Università degli Studi del Molise, Campobasso, Italy

Applied entomology; integrated pest management; insect crop pests; stored product pests; pheromones and application technology; stored products protection.

**D. Wright**, Imperial College London, Ascot, UK

Entomology Plant nematology Integrated Pest Management Biological control Biopesticides  
Pheromones Multitrophic interactions

**C. Zhang**, Chinese Academy of Agricultural Sciences, Beijing, China

Weed Management; herbicide resistance; herbicide application.

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### INTRODUCTION

The Editors of *Crop Protection* especially welcome papers describing an interdisciplinary approach showing how different control strategies can be integrated into practical pest management programmes, covering high and low input agricultural systems worldwide. *Crop Protection* particularly emphasizes the practical aspects of control in the field and for protected crops, and includes work which may lead in the near future to more effective control. The journal does not duplicate the many existing excellent biological science journals, which deal mainly with the more fundamental aspects of plant pathology, applied zoology and weed science. *Crop Protection* covers all practical aspects of pest, disease and weed control, including the following topics:

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Environmental benefits of reduced pesticide use  
Environmental effects of pesticides  
Epidemiology of pests and diseases in relation to control  
Food safety  
GM Crops, and genetic engineering applications  
Importance and control of postharvest crop losses  
Integrated control  
Interrelationships and compatibility among different control strategies  
Invasive species as they relate to implications for crop protection  
Pesticide application methods  
Pest management  
Resistance management  
Sampling and monitoring schemes for diseases, nematodes, pests and weeds.

The editors of *Crop Protection* invite workers concerned with pest disease and weed control to submit suitable contributions on any topic falling within the aims and scope of the journal.

#### *Types of paper*

Contributions falling into the following categories will be considered for publication:

- Perspectives in *Crop Protection* articles - The editors and members of the editorial board will invite commentary/insight papers on topical issues. Authors should contact the Editors-in-Chief with potential ideas. New data will not be published in commentary papers, but one table or figure to illustrate key points may be included (e.g., pesticide use or crop yield trends). The papers should range from 2000-3000 words or 6-8 double-line spaced manuscript pages (including references cited). The articles will be peer-reviewed with emphasis given to rapid publication.
- State of the art Review articles - Authors should contact the relevant Editor-in-Chief with proposals before submitting.
- Original high-quality Research papers - Preferably no more than 20 double-line spaced manuscript pages, including tables and illustrations.

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- Letters to the Editor - Authors should contact the relevant Editor-in-Chief with a proposal before submitting. Letters should focus on the scientific basis for comment or disagreement with a recently published article in the Crop Protection journal, and be a maximum of 4-5 pages with double-line spacing, and a limited number of relevant citations. Letters will be peer-reviewed, but processed in a timely manner. Upon receipt of a letter that is critical of a previous article in Crop Protection, the author(s) of the previous article will also be invited to submit a rebuttal article; both the original letter and rebuttal letter will be published in the same issue.
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Papers will be assigned to the Editors by subject:

Prof. J. Correll - Crop pathogens such as fungi, oomycetes, bacteria, viruses, other microbes

Prof. J.V. Cross - Invertebrate crop pests including insects, mites and molluscs. Vertebrate crop pests including mammals and birds, pesticides and crop protection agents application technology (spraying methodology)

Assoc.Prof. F.P.F. Reay-Jones - Invertebrate crop pests including insects, mites and molluscs. Vertebrate crop pests including mammals and birds. Knowledge and technology transfer in crop protection

Prof. J.C. Streibig - Weed science and vegetation management



Prof. S.N. Wegulo - Crop pathogens such as fungi, oomycetes, bacteria, viruses, other microbes and nematodes

Papers in agricultural economics and vertebrate control will be handled by one of the above Editors.

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*Review process*

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## **PREPARATION**

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The use of fractional powers instead of root signs is recommended. Also powers of e are often more conveniently denoted by exp.

Levels of statistical significance which can be mentioned without further explanation are: \*P <0.05, \*\*P <0.01 and \*\*\*P <0.001.

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