

January/February 2006
Volume 48 No.1

Incorporating 'Pest Technology'

Editor

David McDonald B.Sc.

Assistant Editor

Margaret Street

Technical Consultants

Clive Boase, B.Sc (Hons), FRES, MAE

Martin Redbond, B.Sc

T. Mabbett, B.Sc., M.Sc., Ph.D.

Graham Matthews, B.Sc., ARCS,
Ph.D., D.Sc.

Advertising Manager

Ras Patel

Tel: +44 (0)1628 600499

Fax: +44 (0)1628 600488

Publishing offices:

Research Information Ltd

Grenville Court, Britwell Road,

Burnham, Buckinghamshire

SL1 8DF, United Kingdom

Tel: +44 (0)1628 600499

Fax: +44 (0)1628 600488

info@researchinformation.co.uk

www.researchinformation.co.uk

Subscription Rates:

£140 (US\$308) Institutional

£79 (US\$138) Personal

£49 (US\$85) CEPA/FAOPMA Member

No part of this publication may be reproduced or transmitted in any form or by any means, or used in any information storage or retrieval system, without the prior written permission of the publisher, except as follows: (1)

Subscribers may reproduce, for local internal distribution only, the highlights, topical summary and table of contents pages unless those pages are sold separately; (2) Subscribers who have registered with The Copyright Licensing Agency Ltd., 90 Tottenham Court Road, London W1P 9HE, UK or, The Copyright Clearance Center, USA and who pay the fee of US\$2.00 per page per copy fee may reproduce portions of this publication, but not entire issues. The Copyright Clearance Center is located at 222, Rosewood Drive, Danvers, Massachusetts 01923, USA; tel: +1 978 750 8400.

No responsibility is accepted by the Publishers or Editors for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in this publication.

Advertising material is expected to conform to ethical standards, but inclusion in this publication must not be construed as being any guarantee of quality, value or safety, or endorsement of any claims made by the advertiser.

INTERNATIONAL PEST CONTROL

**CROP & STOCK PROTECTION
PUBLIC HEALTH, WOOD PRESERVATION**

The official publication for



Confederation of European Pest
Control Associations



Federation of Asian & Oceania
Pest Managers Associations

CONTENTS

- 4 BACKGROUND NEWS
- 9 BIOTECHNOLOGY NEWS BRIEFS
- 11 WATER ENVIRONMENT DIRECTIVE: GOOD FOR WATER QUALITY, BAD FOR FARMING?
- 12 BIOINFORMATICS: ANALYSIS IN ACTIVE SUBSTANCE RESEARCH
- 14 WHO MUST TAKE SIDE OF MALARIA VICTIMS
Philip Stevens
- 14 AGROCHEMICALS AMONG WORLD'S MOST RESEARCH-INTENSIVE INDUSTRIES
- 15 BIOTECHNOLOGY BENEFITS HIGHLIGHTED IN 10TH YEAR ANNIVERSARY CELEBRATIONS
- 16 MULTILOCATIONAL TESTING OF SINGLE BAITING OF 0.0375% COUMATETRALYL (RACUMIN) IN PADDY AND WHEAT FIELDS IN THE PUNJAB, INDIA
D.K. Kocher and V.R. Parshad
- 19 COMET ASSAY: A NOVEL TECHNIQUE TO DETECT DNA DAMAGE IN LARVAE OF *CURCULIO SIKKIMENSIS* (HELLER) EXPOSED TO GAMMA RADIATION
Setsuko Todoriki, Md. Mahbub Hasan, Akihiro Miyano-shita, Taro Imamura
- 22 PEST CONTROL IN TROPICAL AND SUB-TROPICAL CROPS
- 25 WEEDS UNDER COCONUTS BY THE SEA
Dr Terry Mabbett
- 28 URBAN GULLS AND THEIR MANAGEMENT
G.D. Dodd
- 31 GLOBAL SOLUTIONS TO URBAN BIRD PROBLEMS
- 32 BIRD-X ELECTRONIC BIRD CONTROL PRODUCTS NOW WITH CE MARKING
- 34 THE NUMBER OF INSECTICIDES IS DECREASING: FACT OR FACTOID?
Clive Boase
- 37 FOCUS ON AGRICULTURE
- 38 FOCUS ON PUBLIC HEALTH
- 41 SOME US PEST CONTROL RESEARCH
- 44 PEST CONTROL DEVELOPMENTS
- 46 BOOK REVIEWS
- 48 INDEX. VOL 47, 2005

COVER

Weeds under coconuts meet the sea. (See article on page 25)
Photograph Dr Terry Mabbett.