

An international journal covering the management of weeds, pests and diseases through chemistry, biology and biotechnology

OUTLOOKS ON PEST MANAGEMENT

CONTENTS – June 2020

- 102 **The International Year of Plant Health**
- 103 **The International Year of Plant Health 2020 – Protecting Plants, Protecting Life –**
Ralf Lopian Ministry of Agriculture and Forestry of Finland, Chairperson of the IYPH International Steering Committee
- 106 **Pest Risk Management in Trade: The Opportunity from Using Integrated Combined Measures in a Systems Approach (ISPM 14) –**
M. Megan Quinlan, Adrian Leach, Michael Jeger & John Mumford
- 113 **The Birth, Growth and Future of Systems Approach –**
An interview with Eric Jang, reported by Nelson Laville, Kenrick Witty, Ulises Garcia
- 115 **Regulatory News –**
new registrations, environmental effects and withdrawals
- 117 **Using International Trade Data to Inform the Plant Health and Biosecurity Response in the UK –**
Nicola Spence and Sam Grant
- 123 **Operation Pollinator: Positive Action for Pollinators and Improved Biodiversity on Farm –**
Edited by Peter Sutton
- 126 **Biotechnology News –**
developments in molecular biology and genomics
- 129 **The Rise of Biological Products in the Crop Protection and Plant Nutrition Markets –**
Jonathan Shoham
- 132 **Challenging the Formulator: Biocontrol and Conventional Crop Protection –**
Jim Bullock
- 137 **R&D News –**
reports on new products, new applications and new uses
- 141 **Broomrape Threat to Agriculture –**
Diego Rubiales
- 146 **Company News**

COVER PHOTOS: Cotton bollworm (*Helicoverpa zea*) (Photo by Scott Bauer) and *Aedes (Ochlerotatus) sp.* mosquito on human skin both reproduced courtesy of USDA-ARS; Cocoa showing both frosty pod rot (*Moniliophthora roreri*) and witches' broom (*M. pernicioso*) on the same branch (Ecuador) (Photo by Roy Batemen); Unsprayed strip in sugarbeet showing poppies (*Papaver spp.*) (Photo by Alan Dewar)