

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

# OUTLOOKS ON PEST MANAGEMENT

## CONTENTS – OCTOBER 2006

- 194 **Editorial** – The development of novel products from natural sources – Roger Turner
- 195 **Rooting out Pythium and its destructive allies** – Louise Lawrence and Paul Harvey describe the losses associated with Pythium attack and methods to reduce them
- 197 **Improving pest management with remote sensing** – David R. Shaw and Jeffrey L. Willers describe how the remote sensing of weeds and insects can aid their control
- 202 **Aircraft disinsection** – Graham Matthews tells of how insects are prevented from travelling to new locations as aircraft passengers
- 205 **Regulatory news** – new registrations, environmental effects and withdrawals
- 209 **The importance of fungicides in US crop production** – Leonard Gianessi and Nathan Reigner describe how the use of fungicides has benefited US agriculture
- 214 **Company news** – reports on mergers, acquisitions, collaborations and sales
- 217 **Why are Phytophthora and other Oomycota not true fungi?** – Amy Y. Rossman explain why the pathogens that cause diseases such as downy mildews are not fungi
- 220 **The work and function of the CPM technical panel on phytosanitary treatments** – Raymond J. C. Cannon outlines the methods employed by the CPM to prevent the introduction and spread of diseases
- 223 **R&D news** – reports on new products, new applications and new uses
- 225 **Microbial contamination of ready-to-eat salad vegetables** – Helen Meakin and Matt Dickinson – in the light of the recent fatalities in the USA following the consumption of ready-to-eat spinach outline the approaches that can be employed to reduce microbial contamination
- 228 **Tracking the evolutionary history of the potato late blight pathogen with historical collections** – Jean Beagle Ristaino explains how the evolution of the potato blight pathogen can be followed by examination of plant collections
- 232 **Biotechnology news** – developments in molecular biology and genomics
- 235 **11<sup>th</sup> IUPAC International Congress of Pesticide Chemistry, Kobe 2006** – Isao Ueyama and Isamu Yamaguchi summarize key presentations from the recent IUPAC Congress
- 240 **Calendar of Events**

*Send details of meetings to the Editor at the address shown on the inside cover*

COVER PHOTOS: 'Sunflowers in Fargo, North Dakota' (Photo by Bruce Fritz) and 'Colorado Beetle' (Photo by Scott Bauer), both reproduced courtesy of USDA-ARS. 'Fusarium infected wheat' and 'Annual weeds in winter cereal'. Photos reproduced with permission of Rothamsted Research.