

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

# OUTLOOKS ON PEST MANAGEMENT

## CONTENTS – October 2013

- 194 **Editorial** – *Are We Closer to GM Crop Cultivation in Europe?* – Ken Pallett, Editorial Board Member
- 196 **Current Observations and Actions on the Neonicotinoids Controversy** – Leonard Copping considers what is happening in the continuing story on the loss of pollinators
- 198 **Regulatory News** – *new registrations, environmental effects and withdrawals*
- 201 **Glyphosate, Glyphosate Resistant Crops and Plant Disease: Is There a Connection?** – Raymond Hammerschmidt investigates the evidence of a relationship between glyphosate use and plant disease
- 206 **Impact of EU Pesticide Reduction Strategy and Implications for Crop Protection in the UK and the Rest of Europe** – Rory Hillocks considers the impact of EU regulations on crop protection
- 210 **Biotechnology News** – *developments in molecular biology and genomics*
- 213 **Carob Moth in Afghanistan** – Andrew Harvey details the economic impact of the carob moth in Afghanistan
- 217 **Facing the Food Crisis: How African Smallholders can Reduce Postharvest Cereal Losses by Supplying Better Quality Grain** – Rick J. Hodges & Tanya E. Stathers consider approaches to reducing postharvest cereal losses in Sub-Saharan Africa
- 222 **R&D News** – *reports on new products, new applications and new uses*
- 225 **Oil Palm Plantations as an Agroecosystem: Impact on Integrated Pest Management and Pesticide Use** – Olga Lucia Martínez, Angelica Plata-Rueda & Luis Carlos Martínez describe how the introduction of IPM has led to a reduction in pesticide use in oil palm plantations
- 230 **Herbicide Resistance Management and Sustainable AG: An Industry Perspective** – John Soteris, Les Glasgow, Mark Peterson, Tim Obrigawitch, Richard Evans, Harry Streck, John Pawlak & Sam Wilson outline the work undertaken by the Herbicide Resistance Action Committee (HRAC) to combat the onset of herbicide resistance
- 233 **Company News** – *reports on mergers, acquisitions, collaborations and sales*
- 236 **Evolution in Action: Field-Evolved Resistance of African Stem Borer to BT Maize** – Johnnie Van den Berg describes the in field evolution of resistance to Bt maize

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. perniciosa*) on the same branch (Ecuador) (Photo by Roy Batemen); Unsprayed strip in sugarbeet showing poppies (*Papaver* spp.) (Photo by Alan Dewar)