

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

OUTLOOKS ON PEST MANAGEMENT

CONTENTS – October 2014

- 302 **Invasive Species – What Does That Mean?** – Nancy Ragsdale, *Editorial Board Member*
- 304 **13th IUPAC International Congress of Pesticide Chemistry in Association with Division of Agrochemicals – ACS 248th National Meeting, August 10–14th 2014, San Francisco, California** – *A synopsis compiled by Nancy Ragsdale*
- 312 **Regulatory News** – *new registrations, environmental effects and withdrawals*
- 316 **Invasive Species: Herbicides can Facilitate a Positive Outcome for Invasive and Endangered Species Interactions** – *K. George Beck explains how the judicious use of herbicides can be beneficial for some endangered species*
- 320 **Limiting Pest Problems Through Sustainable Landscape and Garden Design and Maintenance at the U.S. Botanic Garden** – *An interview conducted by Nancy Ragsdale with Ray Mims, Ari Novy & James Willmott*
- 325 **Biotechnology News** – *developments in molecular biology and genomics*
- 327 **Glyphosate Use on Combinable Crops in Europe: Implications for Agriculture and the Environment** – *Sarah C. Wynn, Sarah K. Cook & James H. Clarke consider the contribution glyphosate makes to agriculture and biodiversity in Europe, based on studies in three European countries*
- 332 **The Africa Technical Research Centre (ATRC) – Leading the Way in Insecticide Innovation for Public Health and Agriculture in Africa** – *Johnson Ouma (PhD) describes the work undertaken at this research facility in Arusha*
- 337 **R&D News** – *reports on new products, new applications and new uses*
- 340 **Antarctic Fungi: Potential Novel Mycoinsecticides?** – *Paul Bridge, Steve Edgington & Kevin A. Hughes*
- 344 **Company News** – *reports on mergers, acquisitions, collaborations and sales*
- 348 **Calendar**

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)