

Special Issue

Integrated Weed Management Systems

Message from the Guest Editors

The sustainability of weed management in production agriculture and specialty crop systems continues to be challenged by troublesome and herbicide-resistant weeds. In cropping systems ranging from cotton, corn, pulses and peanut, specialty crops and vineyards, weed management decisions are increasingly complex, while traditional solutions are unsustainable or provide unsatisfactory weed control. Because of numerous weed control challenges in various systems around the world, the overuse of chemical weed control and conventional tillage practices increasingly negatively impact within-farm and off-farm soil and water quality. A paradigm shift integrating conservation systems, herbicidal or alternative/organic weed control, and alternative cultural weed control needs to occur in order to meet the food, fiber, and product quantity, quality, and sustainability demands of today's consumers and markets. Out-of-the-box weed management solutions are the key to protecting both crop yield and production sustainability.

Guest Editors

Dr. Andrew Price

USDA-ARS National Soil Dynamics Laboratory, 411 S. Donahue Dr.,
Auburn, AL 36832, USA

Dr. Jatinder Aulakh

Connecticut Agricultural Experiment Station, Windsor Valley Laboratory,
Windsor, CT, USA

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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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