[■■■ ABOUT THE EDITORS]

Harminder Pal Singh, PhD, is a young weed ecologist at Panjab University in Chandigah, India. Specializing in experimental ecology and the management of noxious weeds, Dr. Singh's interests include weed-weed, weed-crop, and tree-crop interactions in agroecosystems. He has been awarded the Young and Deserving Scientist Award by the Asian Pacific Weed Science Society. He is also the recipient of a Young Scientist Research Project awarded by the Department of Science and Technology of the Government of India, the Young Scientist Award in Life Sciences (Panjab Academy of Sciences), and the Young Scientist Award (Indian Science Congress Association). He has published 40 research papers, co-authored one book, and co-edited one book.

Daizy R. Batish, PhD, a weed ecologist, is a Reader (associate professor) in the Department of Botany, Panjab University, India. A dedicated and popular teacher with a background in plant biochemistry, she teaches ecology and environmental botany. She has published 35 research papers and 7 articles in addition to co-editing 4 books. Dr. Batish specializes in the ecology, biology, and management of noxious invasive weed species. Her research interests include chemical ecology and allelopathic interactions of the exotic invasive weeds and their management with natural products. She has been awarded with the Rajib Goyal Young Scientist Award in the field of Environment Sciences.

Ravinder K. Kohli, PhD, is an ecophysiologist of distinction and serves as Professor of Botany and Coordinator of the Centre for Environment Studies at Panjab University, India. Dr. Kohli guides research in ecology and biology of invasive plants and their biochemical interactions. His research interests also include plantation forestry and the impact of exotic species on native vegetations. For his research contributions, he was awarded the Nanda Memorial National Young Scientist Award and honored by the government of Chandigarh for disseminating environmental awareness among the masses. Recently the Ministry of Environment and Forests for the Government of India bestowed upon Dr. Kohli the coveted B. P. Pal National Environment Fellowship Award to study the impact of exotic invasives on the native vegetation of Himachal Pradesh in India. He has published more than 100 research papers and has edited or authored a number of books on environmental themes.

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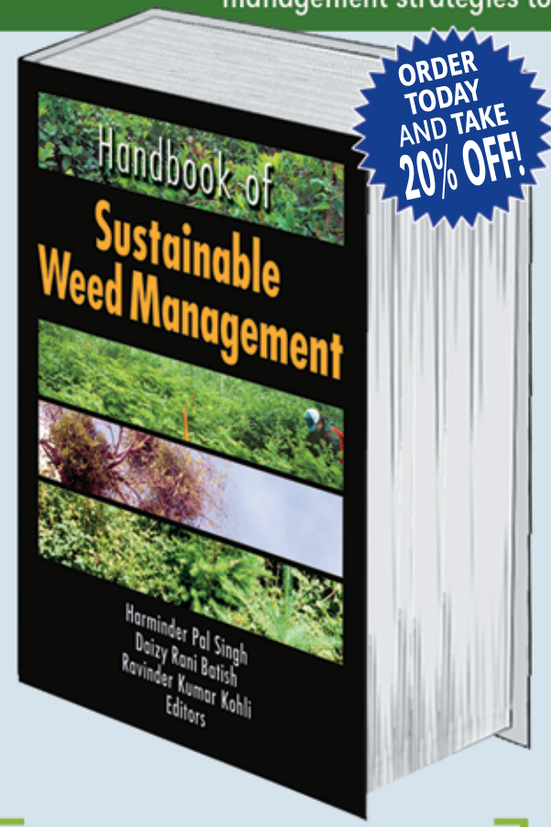

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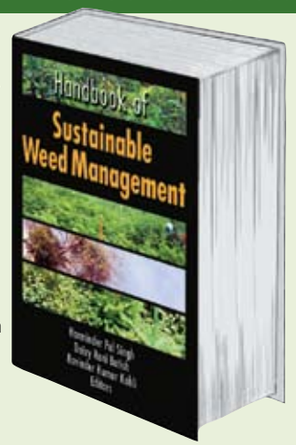
[■■■ ABOUT THE **HANDBOOK OF SUSTAINABLE WEED MANAGEMENT**]



The **Handbook of Sustainable Weed Management** presents the latest international strategies for controlling weeds while preventing dangerous chemicals from endangering the ecosystem or human lives. This compendium focuses on designing future weed management strategies that reduce herbicidal usage, restore ecological balance, and increase food production. This book provides new insights and approaches for weed scientists, agronomists, agriculturists, horticulturists, farmers, extentionists, teachers and students. Tables, figures, and over 125 illustrations—including a color photo section!—make complex information easy to access and understand.

In the **Handbook of Sustainable Weed Management**, experts from Asia, Europe, North America, and Australia organize in one resource the scattered information related to weeds and their management from different ecosystems around the world. The text captures the multifaceted impacts of and approaches to managing weeds from field, farm, landscape, regional, and global perspectives. Generously illustrated with tables and figures, this book not only describes the various techniques for weed management but shows you what methods work best for a given site, invasive weed, or invaded crop.

The **Handbook of Sustainable Weed Management** includes different aspects of weed management relevant to the scope of modern weed science such as:

- cultural practices
- cover crops
- crop rotation designs
- potential of herbicide resistant crops
- bioherbicides
- allelopathy
- microorganisms
- integrated weed management

In spite of advancement in technologies and procedures, weeds continue to pose a major ecological and economical threat to agriculture. The **Handbook of Sustainable Weed Management** takes a broad view of weeds as a part of an agricultural system composed of interacting production, environmental, biological, economic, and social components all working together to find balance. This comprehensive book is a vital addition to the debate of how global weed management is changing in the twenty-first century.

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