

WEED SCIENCE



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 **WSSA**
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WEED SCIENCE

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William K. Vencill, *Editor*

The Weed Science Society of America publishes original research and scholarship in the form of peer-reviewed articles in three international journals. *Weed Science* is focused on understanding “why” phenomena occur in agricultural crops. As such, it focuses on fundamental research directly related to all aspects of weed science in agricultural systems. *Weed Technology* focuses on understanding “how” weeds are managed. As such, it is focused on more applied aspects concerning the management of weeds in agricultural systems. *Invasive Plant Science and Management* is a broad-based journal that focuses not only on fundamental and applied research on invasive plant biology, ecology, management, and restoration of invaded non-crop areas, but also on the many other aspects relevant to invasive species, including educational activities, policy issues, and case study reports. Topics for *Weed Science* include the biology and ecology of weeds in agricultural, forestry, aquatic, turf, recreational, rights-of-ways, and other settings; genetics of weeds and herbicide resistance; chemistry, biochemistry, physiology and molecular action of herbicides and plant growth regulators used to manage undesirable vegetation, and herbicide resistance; ecology of cropping and non-cropping systems as it relates to weed management; biological and ecological aspects of weed control tools including biological agents, herbicide resistant crops, etc.; effects of weed management on soil, air, and water. Symposia papers and reviews are accepted. Consult the editor for additional information.

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The Weed Science Society of America fully subscribes to the belief that progress in science depends upon the sharing of ideas, information, and materials among qualified investigators. Authors of papers published in *Weed Science* are therefore encouraged, whenever practicable and when state and federal laws permit, to share genotypically unique, propagative materials they might possess with other workers in the area who request such materials for the purpose of scientific research.

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On the Cover:

Reduced till organic corn just cultivated with a high residue inter-row cultivator (as seen in the background). This was an important part of successful weed control. Photo credit: Dr. Clair L. Keene.

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EDITORIAL

Editorial for *Weed Science*, Volume 66. *William K. Vencill*..... 1

PHYSIOLOGY/CHEMISTRY/BIOCHEMISTRY

Time of Application Influences Translocation of Auxinic Herbicides in Palmer Amaranth (*Amaranthus palmeri*). *Christopher R. Johnston, Peter M. Eure, Timothy L. Grey, A. Stanley Culpepper, and William K. Vencill*..... 4

Halosulfuron-Methyl Degradation from the Surface of Low-Density Polyethylene Mulch Using Analytical and Bioassay Techniques. *Timothy L. Grey, A. Stanley Culpepper, Xiao Li, and William K. Vencill*..... 15

WEED BIOLOGY AND ECOLOGY

Emergence Dynamics of Kochia (*Kochia scoparia*) Populations from the U.S. Great Plains: A Multi-Site-Year Study. *Vipan Kumar, Prashant Jha, J. Anita Dille, and Phillip W. Stahlman* 25

Giant Ragweed (*Ambrosia trifida*) Emergence Model Performance Evaluated in Diverse Cropping Systems. *Jared J. Goplen, Craig C. Sheaffer, Roger L. Becker, Roger D. Moon, Jeffrey A. Coulter, Fritz R. Breitenbach, Lisa M. Behnken, and Jeffrey L. Gunsolus*..... 36

Effect of Environmental Factors on Germination and Emergence of Shortawn Foxtail (*Alopecurus aequalis*). *Ning Zhao, Qi Li, Wenlei Guo, Lele Zhang, Lu'an Ge, and Jinxin Wang* 47

Has Breeding Improved Soybean Competitiveness with Weeds?. *Devin J. Hammer, David E. Stoltenberg, Jed B. Colquhoun, and Shawn P. Conley*..... 57

Germination Ecology of Two Australian Biotypes of Ragweed *Parthenium hysterophorus* Relates to Their Invasiveness. *Ali A. Bajwa, Bhagirath S. Chauhan, and Steve W. Adkins*..... 62

Environmental Factors Affecting Seed Germination and Seedling Emergence of Foxtail Sophora (*Sophora alopecuroides*). *Iraj Nosratti, Sahar Amiri, Alireza Bagheri, and Bhagirath Singh Chauhan* 71

Environmental Correlates with Germinable Weed Seedbanks on Organic Farms across Northern New England. *Richard G. Smith, Sonja K. Birtisiel, Sidney C. Bosworth, Bryan Brown, Thomas M. Davis, Eric R. Gallandt, Ann Hazelrigg, Eric Venturini, and Nicholas D. Warren* 78

WEED MANAGEMENT

Integrated Weed Management Strategies in Cover Crop-based, Organic Rotational No-Till Corn and Soybean in the Mid-Atlantic Region. *John M. Wallace, Clair L. Keene, William Curran, Steven Mirsky, Matthew R. Ryan, and Mark J. VanGessel*..... 94

A Systems Comparison of Contrasting Organic Weed Management Strategies. *Bryan Brown and Eric R. Gallandt*..... 109

Weed Suppression in Cover Crop Monocultures and Mixtures. *Barbara Baraibar, Mitchell C. Hunter, Megan E. Schipanski, Abbe Hamilton, and David A. Mortensen*..... 121

Effect of Non-flooded Plastic Film Mulching Cultivation for Rice in Southeast China. *Xin Yang, Wenhai Mi, Xiaoli Tan, Lianghuan Wu, and Vladimir G. Onipchenko*..... 134

Effect of Plastic Mulch Type on Fomesafen Dissipation in Florida Vegetable Production Systems. *Thomas V. Reed, Nathan S. Boyd, P. Christopher Wilson, and Peter J. Dittmar* 142