WEED TECHNOLOGY





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Published six times a year by the Weed Science Society of America

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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 Technology include all aspects of weed management in agricultural, horticultural, ornamental, forestry, aquatic, turf, recreational, rights-of-ways, and other settings; weed all aspects of herbicides; herbicide resistant crops; biological weed control agents; new weed management techniques; impacts of weed competition with crops; vegetation management with plant growth regulators; weed surveys; weed-related grower surveys; education; and extension. Symposia papers and reviews are accepted. Consult the editor for additional information.

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Cover

Screening for ethofumesate resistant annual bluegrass populations in US grass seed production systems. Refer to the article by Vukovic et al. in this issue.

Photo credit: Vera Vukovic.

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RESEARCH ARTICLES Smooth scouringrush (Equisetum laevigatum) control with glyphosate is affected by surfactant choice and application time Herbicides for monochoria (Monochoria vaginalis) control in transplanted rice Multistate screening of Palmer amaranth (Amaranthus palmeri) and waterhemp (Amaranthus tuberculatus) sensitivity to glufosinate, dicamba and 2.4-D in the United States Daljit Singh, Andrew Tyre, Alejandro Perez-Jones, Jenny Krebel, John Willis, Jeffrey Herrmann, Tracy Klingaman, Use of low tunnels to describe effects of herbicide, adjuvant, and target surface on dicamba volatility Maria Leticia Zaccaro-Gruener, Jason K. Norsworthy, Leonard B. Piveta, L. Tom Barber, Andy Mauromoustakos, Ethofumesate-resistant annual bluegrass (*Poa annua*) in grass seed production systems Vera Vukovic, Clint M. Mattox, Alec R. Kowalewski, Brandon C. McNally, Cale A. Bigelow, Stephen L. Meyers, James T. Brosnan and Aaron J. Patton. 628 Growth and yield response of peanut to simulated drift of glufosinate at vegetative and reproductive growth stages Investigation of inquiries on weed control efficacy of XtendiMax® herbicide with VaporGrip® technology Aruna Varanasi, Daljit Singh, Jenny Krebel, Jeffrey Herrmann, John Willis, Greg Elmore, Joshua Fischer, INTRIGUING WORLD OF WEEDS The first weed science textbooks in the United States (Part 1)