

Volume 65 Number 3 May-June 2017

## PHYSIOLOGY/CHEMISTRY/BIOCHEMISTRY

Multiple Resistance to Glyphosate and Acetolactate Synthase Inhibitors in Palmer Amaranth ( <i>Amaranthus palmeri</i> ) Identified in Brazil. <i>Anita Küpper, Ednaldo A. Borgato, Eric L. Patterson, Acácio Gonçalves Netto, Marcelo Nicolai, Saul J. P. de Carvalho, Scott J. Nissen, Todd A. Gaines, and Pedro J. Christoffoleti</i>	317
Confirmation of a Three-Way (Glyphosate, ALS, and Atrazine) Herbicide-Resistant Population of Palmer Amaranth ( <i>Amaranthus palmeri</i> ) in Michigan. <i>Jonathon R. Kohrt, Christy L. Sprague,</i> Satya Swathi Nadakuduti, and David Douches	327
WEED BIOLOGY AND ECOLOGY	
Differentiation of Life-History Traits among Palmer Amaranth Populations ( <i>Amaranthus palmeri</i> ) and Its Relation to Cropping Systems and Glyphosate Sensitivity. <i>Washington Bravo, Ramon G. Leon, Jason A. Ferrell, Michael J. Mulvaney, and C. Wesley Wood</i>	339
Identification and Biological Characteristics of Ryegrass ( <i>Lolium</i> spp.) Accessions in Arkansas. <i>Mohammad T. Bararpour, Jason K. Norsworthy, Nilda R. Burgos, Nicholas E. Korres, and Edward E. Gbur</i>	350
Effect of Temperature on Germination Characteristics of Glyphosate-Resistant and Glyphosate-Susceptible Kochia (Kochia scoparia). Vipan Kumar and Prashant Jha	361
The Effects of Single- and Multiple-Weed Interference on Soybean Yield in the Far-Eastern Region of Russia. <i>Jong-Seok Song, Jin-Won Kim, Ji-Hoon Im, Kyu-Jong Lee, Byun-Woo Lee, and Do-Soon Kim</i>	371
Which Traits Allow Weed Species to Persist in Grass Margin Strips? Stéphane Cordeau,  Matthew R. Ryan, David A. Bohan, Xavier Reboud, and Bruno Chauvel	381
Plant Development and Seed Biology of Windmillgrass ( <i>Chloris truncata</i> ) in Southern Australia.  The D. Ngo, Peter Boutsalis, Christopher Preston, and Gurjeet Gill	395
Winter Preference for Weed Seed and Waste Grain by Native Mice in Row-Crop Agriculture. <i>Jacob L. Berl, Hunter A. Johnstone, Jonathan Y. Wu, Elizabeth A. Flaherty, and Robert K. Swihart</i>	406
Growth, Development, and Seed Biology of Feather Fingergrass ( <i>Chloris virgata</i> ) in Southern Australia.  The D. Ngo, Peter Boutsalis, Christopher Preston, and Gurjeet Gill	413
WEED MANAGEMENT	
Rolled Mixtures of Barley and Cereal Rye for Weed Suppression in Cover Crop-based Organic No-Till Planted Soybean. <i>Jeffrey A. Liebert, Antonio DiTommaso, and Matthew R. Ryan</i>	426
ERRATUM	440