

WSSA 2008 SYMPOSIUM

Glyphosate Resistance Mechanisms: Current Understanding and New Insights

When: Wednesday, February 6, 2008 9:30 am till noon.

Organizer: Vijay K. Nandula, Mississippi State University, Stoneville

The objectives of this symposium are 1) to assess current knowledge on glyphosate resistance mechanisms, 2) to gain new perspectives on underlying mechanisms of glyphosate resistance, and 3) to spur new research ideas/initiatives on glyphosate resistance management.

A decade of glyphosate resistant *Lolium* around the world: Mechanisms, genes, fitness and agronomic management.

Christopher Preston, Angela M. Wakelin, Fleur Dolman, Peter Boutsalis, Jeanine Baker and Stephen B. Powles

The role of absorption and translocation as a mechanism of resistance to glyphosate

Dale Shaner

Metabolic degradation of glyphosate as a mechanism of resistance

Stephen Duke

Glyphosate toxicity and translocation in glyphosate-resistant *Amaranthus* spp.

R. D. Sammons, A. Herr, M. Faletti and D. Gustafson

New glyphosate and multiple herbicide-resistant crops for effective weed management in row crops

Jerry Green