

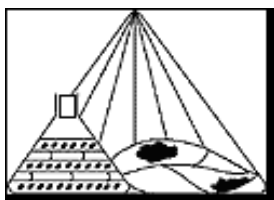
# IXth International Bioherbicide Group Workshop

Organizing Committee:

Joe Neal, John Lydon, Bill Bruckart

Proceedings Editors:

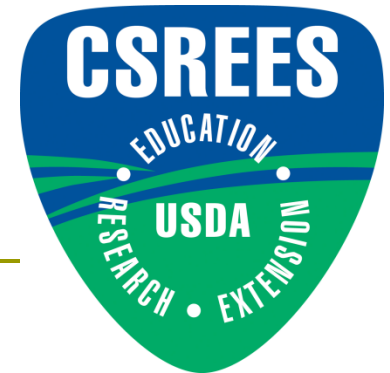
J. Pablo Morales-Payan and Joe Neal



# Sponsors

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- US Department of Agriculture, National Research Initiative



- Novozymes Biologicals

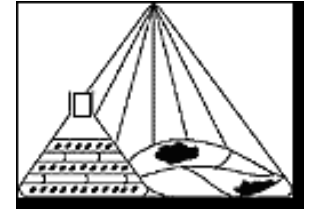


- The Scotts Company



- SePRO Corporation





# Program summary

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- Morning Sessions
  - AM session 1: 9:00 – 10:00
  - AM session 2: 10:30 – 11:45
- Lunch, on your own
- Afternoon Sessions
  - PM session 1: 1:15 – 2:15
  - PM session 2: 2:45 – 4:00
- Discussion and Business meeting
- Reception: 5:30 to 7:00 PM

# Other Sessions and Info

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- ❑ Sign in at the WSSA registration table
- ❑ Award recipients: see Joe Neal at some time today or tomorrow
- ❑ Field Trip – Sign Up at WSSA registration
- ❑ WSSA Awards Reception 7 – 9 PM
- ❑ Other sessions of interest:
  - Tuesday PM – The Charudattan Symposium
  - Wed PM – Biological Control Session
  - Thursday 10 AM to Noon -- WSSA Poster Session 4: Biological Weed Control (pg 38)

# Field Trip

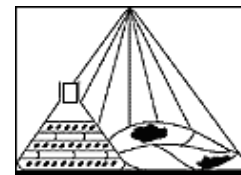
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- 9 AM Depart Hilton
- Tour ponds at Medieval Times
  - View SePRO Mt (*Mycoleptodiscus terrestris*) fungal pathogen work with hydrilla
  - Mark Heilman- SePRO and others
- 11:00 Depart (30 minute drive time)
  - Travel Talk- urban/rural interface issues
- 11:30 Lake Toho -- Overview of Hydrilla issues
- 12:00 Lunch served by Osceola Eagles 4-H Club (\$10) CASH ONLY
- Optional outing at Boggy Creek Airboat Rides (\$24 per person)

# Field Trip, PM schedule

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- 1:15 Tropical Soda Apple Beetles (*Gratiana boliviana*)
- 2:15 Depart Southport for Hilton
- 3:00 Arrive at Hilton
  
- Remember WSSA reception at 5:30 PM



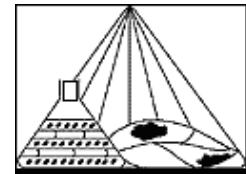
# Morning Sessions

8:45	Welcome and Introductions -- G. W. Bourdot and J. C. Neal
9:00	Efficacy of biological control of grassy weeds using <i>Curvularia eragrostidis</i> in the field trials, Y. Zhu, T. Gao, J. Wang, Y. Lu, S. Qiang*; Nanjing Agricultural University, Nanjing, China
9:15	Evaluation of bioherbicidal control of tropical signalgrass, <i>Urochloa subquadriflora</i> , Y. M. Shabana*, C. Stiles, R. Charudattan A. Abou Tabl, J. White, University of Florida, Gainesville, FL, Valdosta State University, Valdosta, GA USA
9:30	Screening fungal pathogens of <i>Microstegium vimineum</i> as potential biocontrol agents. L. C. Walker*, J. C. Neal, L. P. Tredway; North Carolina State University, Raleigh, NC USA
9:45	The Model of Conidia Production in <i>Helminthosporium</i> spp., Biological Agents for Grassy Weeds Control. K. Yamaguchi*; Minami Kyushu University, Takanabe-cho, Japan
10 - 10:30	Discussion and Break

# Morning session, continued

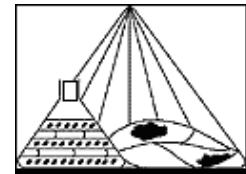
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10:30	A search for a root-pathogen of <i>Cirsium arvense</i> in New Zealand G. W. Bourdot* B. Skipp, G. Hurrell, D. Saville; AgResearch Limited, Christchurch, New Zealand, AgResearch Limited, Palmerston North, New Zealand, Saville Statistical Consulting Limited, Christchurch, New Zealand
10:45	Root Colonization and Environmental Fate of the Bioherbicide <i>Pseudomonas fluorescens</i> BRG100, S. M. Boyetchko*, C. Hanson, R. K. Hynes, D. Korber; Agriculture and Agri-Food Canada, Saskatoon, SK, Canada, University of Saskatchewan, Saskatoon, SK, Canada
11:00	Herbicide- deleterious rhizobacterial interactions in Velvetleaf weed control., R. Zdor*; Andrews University, Berrien Springs, MI USA
11:15	Using Gene Fusions to Study Cyanogenesis in a Weed Deleterious Rhizobacterium, M. M. Biswas*, R. Zdor, C. Miller; Andrews University, Berrien Springs, MI USA
11:30	Discussion
11:45	LUNCH on your own. Be back by 1:00 PM
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# Afternoon session 1

1:15	Evaluation of <i>Alternaria alternata</i> as a potential biocontrol agent for field bindweed ( <i>Convolvulus arvensis</i> ), Ehsan Zeydali, Alireza Koocheki, Nader Azadbazht1, Mohammad H. Rashed and Reza Ghorbani*, Lorestan Res. Inst. of Agric.& Natural Resources, Khoramabad, and Ferdowsi Univ. of Mashhad, Mashhad, Iran
1:30	Fungal toxins and other natural metabolites for management of parasitic weeds, M. Vurro*, A. Boari; National Research Council, Bari, Italy
1:45	Pathogenic Mechanisms of Vulculic Acid Produced by <i>Nimbya alternantherae</i> , M. Xiang*, L. Fan, Z. Jiang, Y. Zeng; Zhongkai University of Agriculture and Engineering, Guangzhou, China, South China Agricultural University, Guangzhou, China
2:00	Surfactants affect the efficacy of <i>Alternaria cassiae</i> controlling sicklepod seedlings, R. A. Pitelli*, C. F. Franco, F. M. Claudia; University of State of Sao Paulo, Jaboticabal, Brazil
2:15	Discussion and break



## Afternoon Session 2

2:45	Potential of <i>Cassida rubiginosa</i> as a biological control agent for <i>Cirsium arvense</i> , Ghorbanali Assadi, Reza Ghorbani, Mohammad H. Rashed and Hossein Sadeghi; Ferdowsi Univ. of Mashhad, Mashhad, Iran
3:00	Native Phytopathogens as Biocontrol Agents: Problems and Potential in the Management of Invasive Exotic Species, K. Jayachandran*, K. G. Shetty; Florida International University, Miami, FL USA
3:15	Media Studies on <i>Myrothecium roridum</i> Tode (IMI 394934); a Potential Biocontrol Agent for Water Hyacinth, Okunowa Wahab Oluwanisola, G.O. Gbenle, A. A. Osuntoki, and A. A. Adekunle, University of Lagos, Nigeria
3:30	Bioherbicide development against water hyacinth: the story so far and the hopes for the future, R. W. Barreto*, D. J. Soares, E. M. Inokuti; Universidade Federal de Viçosa, Viçosa, MG, Brazil
3:45	Status of <i>Phoma macrostoma</i> , a bioherbicide for broadleaved weed control in turfgrass, K. L. Bailey*, S. Falk, S. Lombardo; Agriculture & Agri-Food Canada, Saskatoon, SK, Canada, The Scotts Company, Marysville, OH USA
	USDA IR-4 Biopesticides Program, M. Braverman
4:00	Discussion
4:30	Business Meeting

# IBG Reception

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- 5:30 to 7:00 PM
- Wolfgang Puck Restaurant
- Downtown Disney
- Wine, beer and hors d'oeuvres
- Reception sponsors:
  - Novozymes Biologicals
  - The Scotts Company
  - SePRO Corporation

