



**February 13-15, 2011**  
The Westin Riverwalk Hotel  
420 West Market Street  
San Antonio, Texas USA 78205  
<http://tpsalliance.org>

## Pesticide and Agricultural Plastics Stewardship 11<sup>th</sup> Annual Conference

### WELCOME!

Welcome to San Antonio and the 11th Annual Conference of The Pesticide Stewardship Alliance. It's great to have so many enthusiastic people from such diverse backgrounds gathered in one place with the same vision. TPSA is proud to facilitate such a gathering and very appreciative of its sponsors, who make this event possible through their generous financial contributions.

Attendees to the conference representing industry, academia, state and federal government are from all over the United States and several foreign countries. We have enjoyed participation from the international community for a number of years now and are excited that this year is no different.

The world-famous River Walk, also known as the "world's largest hotel lobby," is one of the top visitor destinations in Texas and is the perfect place for networking, nightlife and entertainment. No trip to San Antonio is complete without a visit to The Alamo, an enduring symbol of courage and freedom recognized worldwide. Located in the heart of downtown, The Alamo is a must see for visitors to the Alamo City.

We hope you enjoy your time in San Antonio. We are pleased with what we feel is a fantastic program put together by some very hard working people within TPSA.

Kevin W. Neal  
President TPSA

Fred Gabriel  
Board Chairman TPSA

### Many Thanks to TPSA's 2011 Corporate Sponsors!



Bayer CropScience



The Pesticide Stewardship Alliance (TPSA) is a non-profit organization that brings together technical experts, researchers, pesticide applicators, regulators, educators, crop protection industry, hazardous waste industry, agricultural plastic recyclers, environmental and public health constituents, students and others to promote and support improvements in stewardship of pesticides and agricultural plastics in the United States and internationally.

# Keynote Speakers

**Sunday, February 13 – 4:00 p.m. – Navarro A**

## **Hans Dobson**

**Senior Scientist, Natural Resources Institute, University of Greenwich, UK**

### **The Challenges of Pesticide Stewardship in Africa**



Hans Dobson is an entomologist, zoologist and agricultural engineer with over 27 years of agricultural and pesticide experience in 34 non-EU countries. Hans is currently the principle contractor-manager to a CropLife International project to join the forces of several governmental and non-governmental agencies dedicated to eliminating obsolete stocks of pesticides in Cameroon, Africa. He and John Linton, NRI Commercial Director, are World Bank contractors in support of an obsolete pesticides project in Ethiopia-part of the Africa Stockpiles Programme. Mr. Dobson heads up a WHO effort to find acceptable final dispositions for Long Lasting Insecticide-impregnated Nets (LLINs) used in malaria control throughout tropical regions.

**Monday, February 14 – 8:00 a.m. – Navarro A**

## **Leonard Gianessi**

**Director, Crop Protection Research Institute, Washington, DC, USA**

### **The Importance of Pesticides for Sustainable Crop Production in the US**



Leonard Gianessi has served as director of the Crop Protection Research Institute since January 2004. He has authored several comprehensive reports on the benefits of using herbicides, fungicides and insecticides in U.S. crop production. In addition to being published in a number of peer-reviewed journals, Mr. Gianessi has developed a series of popular slide shows (*War of the Weeds*, *Spore Wars*, *BugBusters*) that serve as educational overviews of pest problems. Mr. Gianessi's educational efforts include approximately 40 presentations per year for a wide variety of audiences. Mr. Gianessi's research and outreach activities are financially supported by CropLife America and 17 of its member companies. His international research activities are supported by CropLife International.

Prior to joining the CropLife Foundation, Mr. Gianessi was a senior research associate at the National Center for Food and Agricultural Policy (NCFAP), where he led studies of the potential impacts of biotechnology on U.S. and European crop production. His work at NCFAP was partially supported by a grant from the Rockefeller Foundation. Mr. Gianessi began his professional career with a 17-year appointment at Resources for the Future (RFF) where he specialized in the development of databases for studies of air and water pollution and pesticide use. His work at RFF was supported by USEPA, USGS, and USDA and led to published articles in numerous conference proceedings and journal articles, including the *Quarterly Journal of Economics* and *Land Economics*.

## PROGRAM DETAILS

### TPSA Pesticide and Agricultural Plastics Stewardship Conference – February 13-15, 2011

The Westin Riverwalk Hotel, 420 West Market Street, San Antonio, Texas USA 78205

SUNDAY - FEBRUARY 13, 2011		
1-3:30p	<b>TPSA Board Meeting</b> ( <i>all are welcome</i> )	<i>Location: Navarro A</i>
4-6p	<b>Plenary: The Challenges of Pesticide Stewardship in Africa</b> <i>Moderator:</i> Robert L. Denny II, Arrowchase, Inc., Environmental Project Management and TPSA Board Member <ul style="list-style-type: none"> <li>• <i>Welcome</i> - Kevin Neal, Pesticide Investigator, Office of the Indiana State Chemist, and President, TPSA</li> <li>• <i>Keynote: The Challenges of Pesticide Stewardship in Africa</i> Hans Dobson, Senior Scientist, Natural Resources Institute University, Greenwich, UK</li> </ul>	<i>Location: Navarro A</i>
6-8:30p	<b>Opening Reception</b>	<i>Location: Hidalgo</i>
MONDAY - FEBRUARY 14, 2011		
7-7:45a	<b>Breakfast</b>	<i>Location: Navarro B</i>
8-9:30a	<b>Plenary: The Importance of Pesticides for Sustainable Crop Production in the US</b> <i>Moderator:</i> Kevin Neal, Pesticide Investigator, Office of the Indiana State Chemist, and President, TPSA <ul style="list-style-type: none"> <li>• <i>Keynote: The Importance of Pesticides for Sustainable Crop Production in the US</i> Leonard Gianessi, Director, Crop Protection Research Institute</li> </ul>	<i>Location: Navarro A</i>
9:30-9:45a	<b>Break – Exhibitor and Sponsor Displays</b>	<i>Location: Navarro Foyer</i>
<b>Concurrent Session 1</b> 9:45-11:15a	<b>1B and 1C. Current Minibulk Pesticide Container Recycling Activities</b> <i>Moderator:</i> Cam Davreux, Vice President, CropLife Canada <ul style="list-style-type: none"> <li>• ACRC/AAI Minibulk Recycling Pilot Program - Ron Perkins, Executive Director, ACRC, and J.D. Fish, Application Technology Manager, Bayer CropScience</li> <li>• Pilot Project in California to Recycle Minibulk Containers - Jim Bise, Director of Sales, Myers Container, LLC / Container Management Services, LLC, and Renee Pinel, President/CEO, Western Plant Health Association</li> <li>• IFCA 2009 Illinois Mini-Bulk Recycling Project - Kevin Runkle, Regulatory Services Manager, Illinois Fertilizer and Chemical Association</li> <li>• An Ongoing Minibulk Collection and Recycling Program - Bryan Gran, Business Development Manager, Tri Rinse</li> <li>• Clean Tide Container's Ongoing Pesticide Container Collection and Recycling Program - Mike Harding, Executive Vice President, IBC North America/Clean Tide</li> </ul>	<i>Location: Zapata</i>
11:15-11:30a	<b>Break</b>	
11:30a-1p	<b>Awards Lunch and Member Meeting</b>	<i>Location: Navarro B</i>
1-1:15p	<b>Break before Afternoon Sessions</b>	



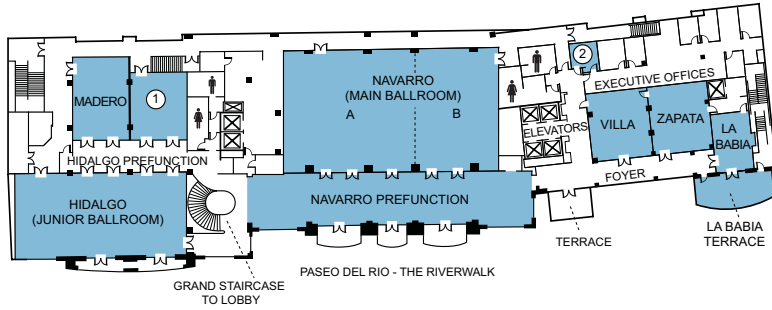
TUESDAY - FEBRUARY 15, 2011		
7-8:15a	<b>Breakfast</b>	<i>Location: Navarro B</i>
7:15-8:15a	<b>Breakfast Roundtables</b> <b>TPSA Communications Committee Meeting</b> Facilitated by Nancy Fitz, US EPA Office of Pesticide Programs, and Chair, TPSA Communications Committee <b>International Participation in TPSA</b> Facilitated by Don Mullins and Margaret Jones, Co-Chairs, TPSA International Committee	<i>Location: Navarro B</i>
<b>Concurrent Session 5</b> 8:30-10a	<b>5A. Writing and Adopting a State Certification Manual and Exam for the Stewardship of Soil Fumigants</b> <i>Moderator:</i> Jerry Krebs, NovaSource Tessenderlo Group <ul style="list-style-type: none"> <li>• Carol Ramsay, National Association of State Departments of Agriculture Research Foundation (by phone)</li> <li>• Jack Peterson, Associate Director, Environmental Services Division, Arizona Department of Agriculture</li> <li>• Ples Spradley, University of Arkansas</li> </ul>	<i>Location: Villa</i>
	<b>5B. Disposing of Pesticides Collected in State-Sponsored Programs</b> <i>Moderator:</i> Cary Hamilton, Program Manager, New Mexico Department of Agriculture <ul style="list-style-type: none"> <li>• Fred Gabriel, Household Hazardous Waste Sales Specialist, Clean Harbors Environmental Services</li> <li>• John Rhyne, Southern Regional Sales Representative, EQ-The Environmental Quality Company</li> </ul>	<i>Location: Zapata</i>
	<b>5C. Completing the Circle: Promoting Purchase of Products Made from Recycled Agricultural Plastics</b> Working session to advance a TPSA initiative to identify, brand and promote products made from recycled agricultural plastics. Issues: Is a "TPSA Approved" ecolabel a good idea? What does it mean to be a "third-party certifier"? What criteria must products meet to receive the label? Who decides, and by what process? How will these products and the "TPSA Approved" ecolabel be publicized and gain traction? <ul style="list-style-type: none"> <li>• Facilitated by Lois Levitan, Program Leader, Recycling Agricultural Plastics Project, Cornell University</li> </ul>	<i>Location: Carranza</i>
10-10:15a	<b>Break</b>	
<b>Concurrent Session 6</b> 10:15-11:45a	<b>6A. Soil Fumigants Label Language and Enforcement on Stewardship Issues</b> <i>Moderator:</i> Jerry Krebs, NovaSource Tessenderlo Group <ul style="list-style-type: none"> <li>• Andrea Mojica, Pesticide Registration Division, Risk Management, US EPA</li> <li>• Jack Peterson, Associate Director, Environmental Services Division, Arizona Department of Agriculture</li> </ul>	<i>Location: Villa</i>
	<b>6B. Transporting and Manifesting Pesticides in State-Sponsored Collection Programs</b> <i>Moderator:</i> Dan Schweitzer, Agriculture Program Manager, MXI Environmental Services <ul style="list-style-type: none"> <li>• Michael Roberts, Transportation Specialist, US Department of Transportation, Pipeline and Hazardous Materials Safety Administration</li> <li>• Nancy Fitz, Chemical Engineer, US EPA Office of Pesticide Programs</li> <li>• Joel Anderson, Waste Section Manager, Texas Commission on Environmental Quality</li> </ul>	<i>Location: Zapata</i>
	<b>6C. Cement Kiln Fuel: Potential, Reality and Constraints of Agricultural Plastic Film as a Fuel Alternative to Coal</b> Reports from Southeast US, Central America and Africa. What's happening now? What's the potential? What are the problems and constraints? What do we know/not know about emissions and regulations? <i>Moderators:</i> Keith Williamson, VP and General Manager, Guardian Agricultural Plastics, and Eugene B. Jones, CEO, Southern Waste Information Exchange (SWIX) <ul style="list-style-type: none"> <li>• Agricultural Film Management in Florida: A Case Study Review for a Sustainable Solution - Eugene B. Jones, CEO, Southern Waste Information eXchange, Inc. (SWIX), Tallahassee, FL</li> <li>• Alternative Energy Sourcing in the Portland Cement Production Industry - Max Lee, Principal Engineer, Koogler and Associates, Inc.</li> <li>• Using Waste Agricultural Plastics as Fuel in the Production of Cement in Guatemala: A Case Study - Keith Williamson, VP and General Manager, Guardian Agricultural Plastics</li> <li>• A New Look at an Old Technology: Cement Kilns and the Challenges Remaining for Destruction of Pesticide-Tainted Resins - Robert L. Denny II, Arrowchase, Inc. Environmental Project Management, Vilnius, Lithuania</li> </ul>	<i>Location: Carranza</i>

11:45-noon	<b>Break</b>	
noon-1p	<b>Lunch</b>	<i>Location: Navarro B</i>
1-1:15p	<b>Break before Afternoon Sessions</b>	
<b>Concurrent Session 7</b> 1:15-2:45p	<b>7A. Off-target Modeling of Soil Fumigants to Prevent Human Exposure</b> <i>Moderator:</i> Jack Peterson, Associate Director, Environmental Services Division, Arizona Department of Agriculture <ul style="list-style-type: none"> <li>David Sullivan, Sullivan and Associates</li> <li>Jeff Dawson, US EPA Office of Pesticide Programs</li> </ul>	<i>Location: Villa</i>
	<b>7B. Complying with the New Repackaging Requirements: Panel Discussion</b> <i>Moderator:</i> Nancy Fitz, Chemical Engineer, US EPA Office of Pesticide Programs <ul style="list-style-type: none"> <li>Common Practices for Refillable Container Management - Scott Birchfield, Emergency Response/Environmental Stewardship Manager, Syngenta Crop Protection, LLC</li> <li>Update – Actions Taken Toward Rule Compliance - J.D. Fish, Application Technology Manager, Bayer CropScience</li> <li>Repackaging Information Update from Monsanto - Steve Adams, Chemical Regulatory Affairs Manager, Monsanto</li> <li>Repackaging Information Update from Helena - David Wieties, Safety, Health and Environmental Engineering Manager, Helena Chemical Company</li> <li>Challenges that Distributors Face in Complying with the Container Regulations - Pam Hodge, SSRE Manager, Wilbur-Ellis</li> </ul>	<i>Location: Zapata</i>
	<b>7C. Getting Agricultural Plastics to the Marketplace: In-Field and In-Plant Equipment Options and Processes</b> What works, what are the challenges, especially in handling film and woven materials (e.g., feed sacks, bale net, “secure covers” and the insecticide-impregnated netting used for vector control. <i>Moderator:</i> Roger Springman, Agricultural Plastics Management Consulting <ul style="list-style-type: none"> <li>Shredders and Granulators for Agricultural Plastics: What to Look For and What to Avoid - Scott White, Sales, Manager, GranuTech Saturn Systems, Grand Prairie, TX</li> <li>Collecting and Processing Agricultural Plastics: Observations and Experiences from the Plant and Field - Richard Marberger, Marketing Director, USAg Recycling, Waller, TX</li> <li>Some Experiences with On-Farm Handling of Silo Film in Wisconsin - Brian Holmes, Professor, Biological Systems Engineering, University of Wisconsin-Madison, Madison, WI</li> <li>Survey of Compaction Equipment Commercially Available for On-Farm Baling of Dairy and Horticultural Film - Keith Williamson, VP and General Manager, Guardian Agricultural Plastics, and Lois Levitan, Program Leader, Recycling Agricultural Plastics Project, Cornell University</li> </ul>	<i>Location: Carranza</i>
2:45-3p	<b>Break</b>	
<b>Concurrent Session 8</b> 3-4:30p	<b>8A. Enzyme Based Pesticide Remediation Technology</b> <i>Moderator:</i> Robert L. Denny II, Arrowchase, Inc. Environmental Project Management <ul style="list-style-type: none"> <li>Rachelle Antinetti, Antinetti Consulting, Inc.</li> </ul>	<i>Location: Villa</i>
	<b>8B. Complying with the New Refillable Container Requirements</b> <i>Moderator:</i> Allan Hovis, Manager, Stewardship/Technical Issues, Bayer CropScience <ul style="list-style-type: none"> <li>Updates on the Pesticide Container and Containment Regulations - Nancy Fitz, Chemical Engineer, US EPA Office of Pesticide Programs</li> <li>What a Refillable Container Owner Needs to Know about Periodic Pressure Testing to be Compliant with the EPA 2011 Rule – How to, How Often, and Exceptions - Bill Anderson, Sales – chemical group, Farm Chem</li> <li>Container Identification Systems - Rod Conner, CEO/President, Ag Gateway Corporation</li> <li>Tracking and Managing Minibulk Containers at the Ag Supplier - Clyde Martin, President, AgWorks Inc.</li> </ul>	<i>Location: Zapata</i>
	<b>8C. What's Next for TPSA's Agricultural Plastics Stakeholder Group? Roundtable</b>	<i>Location: Carranza</i>
7p onwards	<b>Off-site Event at La Margarita Restaurant and Oyster Bar, 120 Produce Row in Historic Market Square.</b>	

### Silent Auction!

Bid high and bid often! Support TPSA and take home a souvenir.  
View auction items on the bid tables in Navarro B room. High bids will be announced after Tuesday lunch.

# The Westin Riverwalk Meeting Rooms



- 1. CARRANZA
- 2. EXECUTIVE CONFERENCE ROOM

**BALLROOM LEVEL**

## TPSA 2011 - Ballroom Level

Receptions in Hidalgo  
 Meals in Navarro B.  
 Plenary sessions in Navarro A.  
 Posters and displays in Navarro Foyer  
 Concurrent sessions in Villa, Zapata, and Carranza.

### Registration on Ballroom level.

Sunday noon-4p, 6-7:30p  
 Monday 7-8a, 11:15a-1:15p, 6:15-7p  
 Tuesday 7-8:30a, 11:45a-1:15p

Posters on display throughout the conference.

## Many Thanks to TPSA's 2011 Conference Sponsors!



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2 plenaries with keynote presentations • 20 breakout sessions & roundtables • 3 receptions and other networking opportunities  
 • member meeting • an international gathering with participants from several countries.

