



The Pesticide Stewardship Alliance

9th Annual Pesticide Stewardship Conference

FEBRUARY 22-24, 2009 - Albuquerque, New Mexico - Hotel Albuquerque at Old Town

STEWARDSHIP STRATEGIES AND TOOLS

The Pesticide Stewardship Alliance promotes networking and cooperation among parties from around the world who work to improve stewardship efforts - increasing effectiveness and efficiency through proper labeling, judicious application, proper handling of empty containers and waste minimization.

Event and Session Overview

Sunday, February 22, 2009

Sun	3p-8p	Registration Open - Lobby/Franciscan Ballroom
Sun	2p-6p	TPSA Board Meeting - Open to Members & Guests - Potters Ballroom
Sun		Dinner on your own
Sun	7-8:30p	TPSA Sponsors' Welcome Reception - Franciscan Ballroom

Monday, February 23, 2009

Mon	6:45-8a	Breakfast - Franciscan Ballroom			
Mon	7-noon	Registration Open - Lobby/Franciscan Ballroom			
Mon	8-8:30a	Opening Session and Welcome - Franciscan Ballroom Liza Fleeson, TPSA President, Virginia Dept. of Agriculture and Consumer Services; Bonnie Rabe, New Mexico Department of Agriculture			
Mon	8:30-10a	Plenary: Why Pesticide Stewardship Includes Pesticide Use Reduction, A European View - Franciscan Ballroom Gretta Goldenman, Director, Milieu Ltd., Environmental Law & Policy, Brussels, Belgium			
Mon	10-10:15a	Break - Alvarado Ballroom Lobby			
Mon	10:15-11:45a	<table border="0"> <tr> <td>Session I-A - Alvarado D Ag Film Product Stewardship: Learning from Other Industries</td> <td>Session I-B - Alvarado B Web-Distributed Labeling: Database Characteristics and Content Delivery</td> <td>Session I-C - Alvarado C Pesticide Container & Containment Rule: EPA's Perspective</td> </tr> </table>	Session I-A - Alvarado D Ag Film Product Stewardship: Learning from Other Industries	Session I-B - Alvarado B Web-Distributed Labeling: Database Characteristics and Content Delivery	Session I-C - Alvarado C Pesticide Container & Containment Rule: EPA's Perspective
Session I-A - Alvarado D Ag Film Product Stewardship: Learning from Other Industries	Session I-B - Alvarado B Web-Distributed Labeling: Database Characteristics and Content Delivery	Session I-C - Alvarado C Pesticide Container & Containment Rule: EPA's Perspective			
Mon	11:50-12:40p	Luncheon - Franciscan Ballroom			
Mon	12:45-2:15p	<table border="0"> <tr> <td>Session II-A - Alvarado D Ag Film Product Stewardship: Manufacturers' Perspectives</td> <td>Session II-B - Alvarado B Web-Distributed Labeling: Quality Assurance and Enforcement Issues</td> <td>Session II-C - Alvarado C Pesticide Container & Containment Rule: Retailers' Perspectives</td> </tr> </table>	Session II-A - Alvarado D Ag Film Product Stewardship: Manufacturers' Perspectives	Session II-B - Alvarado B Web-Distributed Labeling: Quality Assurance and Enforcement Issues	Session II-C - Alvarado C Pesticide Container & Containment Rule: Retailers' Perspectives
Session II-A - Alvarado D Ag Film Product Stewardship: Manufacturers' Perspectives	Session II-B - Alvarado B Web-Distributed Labeling: Quality Assurance and Enforcement Issues	Session II-C - Alvarado C Pesticide Container & Containment Rule: Retailers' Perspectives			
Mon	2:15-2:45p	Invited International Address - Alvarado D Dr. Gero Vaagt, FAO representative in Nicaragua			
Mon	2:45-3:15p	International Papers - Alvarado D			
Mon	3:15-3:30p	Break - Alvarado Ballroom Lobby			
Mon	3:30-5:00p	<table border="0"> <tr> <td>Session III-A - Alvarado D Ag Film Product Stewardship: Role of Standards in Facilitating Stewardship</td> <td>Session III-B - Alvarado B Label Compliance and Stewardship Issues</td> <td>Session III-C - Alvarado C Pesticide Container & Containment Rule: Registrants' Perspectives</td> </tr> </table>	Session III-A - Alvarado D Ag Film Product Stewardship: Role of Standards in Facilitating Stewardship	Session III-B - Alvarado B Label Compliance and Stewardship Issues	Session III-C - Alvarado C Pesticide Container & Containment Rule: Registrants' Perspectives
Session III-A - Alvarado D Ag Film Product Stewardship: Role of Standards in Facilitating Stewardship	Session III-B - Alvarado B Label Compliance and Stewardship Issues	Session III-C - Alvarado C Pesticide Container & Containment Rule: Registrants' Perspectives			
Mon	5-6p	TPSA Member Meeting - Alvarado D - <i>All conference attendees welcome!</i>			
Mon	6-9p	TPSA Grand Reception - Franciscan Ballroom Open to Members & Guests			

Tuesday, February 24, 2009

Tues	7-8:15a	Breakfast - Franciscan Ballroom Round Table - Combining Ag and HHW Services: Getting It Done in the New Economy		
Tues	8:30-10a	Session IV-A - Alvarado D Stewardship of Container Collections	Session IV-B - Alvarado B Current Trends In Stewardship Outreach	Session IV-C - Alvarado C Collecting Pesticides in the Southwest: What's Happening and What's Coming?
Tues	10-10:15a	Break - Alvarado Ballroom Lobby		
Tues	10:15-11:45a	Session V-A - Alvarado D Current Issues with Pesticide Container Recycling	Session V-B - Alvarado B Monitoring Soil Fumigations as a Stewardship Strategy	Session V-C - Alvarado C Mexico-US Border Pesticide Disposal Update
Tues	12-1:30p	TPSA Sponsors' Luncheon and Awards Ceremony - Franciscan Ballroom Silent Auction		
Tues	1:45-3:15p	Session VI-A - Alvarado D Emerging Markets for Used Ag Plastics	Session VI-B - Alvarado B Implementation Challenges for Soil Fumigation Management Plans	Session VI-C - Alvarado C Developing and Implementing a National Pesticide Disposal Database
Tues	3:15-3:30p	Break - Alvarado Ballroom Lobby		
Tues	3:30-5:00p	Session VII-A - Alvarado D Moving Ag Film Stewardship to the Next Level	Session VII-B - Alvarado B Soil Fumigation Stewardship: Notifying First Responders and the Public	Session VII-C - Alvarado C Developing and Implementing a TPSA-supported International Project
Tues	6-9p	TPSA Sponsors' Off-Site Event Dinner at the Church Street Cafe Open to Members & Guests		

TPSA 2009 Corporate Sponsors



Bayer CropScience



TPSA 2009 Conference Sponsors



Plenary Address

Why Pesticide Stewardship Includes Pesticide Use Reduction, A European View

Gretta Goldenman, Director

Milieu Ltd., Environmental Law & Policy, Brussels, Belgium

Session Details and Presentations

(Sessions Listed in Sequence)

Session I A - 10:15-11:45a

Alvarado A

Ag Film Product

**Stewardship: Learning
from Other Industries**

Moderator: Wayne Gjerde
Minnesota Pollution
Control Agency

- **What Lessons Can We Learn From Other Stewardship Programs From Other Industries, e.g., Paint, Electronics, Carpet, and Pesticide Containers?**
 - Heidi Sanborn, California Product Stewardship Council
 - Ron Perkins, ACRC

Session I B - 10:15-11:45a

Alvarado B

**Web-Distributed Labeling:
Database Characteristics
and Content Delivery**

Moderator: Wayne Buhler
North Carolina State
University

- **Database Design Structure for Approving Master Labeling and Generating Market Labels**
 - Bob Schultz, US EPA OPP
- **Snapshot of a Web-distributed Label**
 - Carol Ramsay, Washington State University
- **Work Teams to Assess Label Element Types and Relatedness**
 - Doug Soper, PBI Gordon Corporation
 - Cindy Baker, Gowan Company
 - Karen Cain, Bayer CropScience
- **Open Discussion**

Session I C - 10:15-11:45a

Alvarado C

**Pesticide Container &
Containment Rule:
EPA's Perspective**

Moderator: Kevin Neal
Office of Indiana State
Chemist

- **EPA's Pesticide Container & Containment Rule: A Primer**
 - Nancy Fitz, US EPA OPP

Session II-A - 12:45-2:15p

Alvarado D

Ag Film Product

Stewardship:

Manufacturers' Perspectives

Moderator: Roger Springman
Wisconsin
Department of Agriculture

- **Manufacturers of Ag Film Products-Bunker Silo Covers, Mulch and Fumigation Films, Bale Wrap, Etc. - Are the Anchors of Any Stewardship Strategy. What Constraints Do They Face? What Opportunities Do They See?**
 - Panel discussion with ag plastic product manufacturers.

<p>Session II-B - 12:45-2:15p Alvarado B Web-Distributed Labeling: Quality Assurance and Enforcement Issues <i>Moderator:</i> Carol Ramsay Washington State University</p>	<ul style="list-style-type: none"> • Marketplace Label Enforcement Perspectives <ul style="list-style-type: none"> - Jack Peterson, Arizona Dept. of Agriculture; - Bonnie Rabe, New Mexico Dept. of Agriculture - Liza Fleeson, Virginia Dept. of Agriculture and Consumer Services - Gail Amos, Washington Department of Agriculture • Quality Assurance for Labeling Today - What Measures Are Needed for Web-Distributed Labeling <ul style="list-style-type: none"> - Doug Soper, PBI Gordon Corporation
<p>Session II-C - 12:45-2:15p Alvarado C Pesticide Container & Containment Rule: Retailers' Perspectives <i>Moderator:</i> Martin Fitzpatrick BASF</p>	<ul style="list-style-type: none"> • Results of the American Agronomic Stewardship Alliance Inspections and Retailers' Experience with Containment and Managing Containers <ul style="list-style-type: none"> - Kevin Runkle, Illinois Fertilizer and Chemical Association and American Agronomic Stewardship Alliance • Pressure Testing Minibulk Containers <ul style="list-style-type: none"> - Clifford Schoettmer, Schoettmer Enterprises • Moderated Discussion
<p>Invited International Address 2:15-2:45p - Alvarado D <i>Moderator:</i> Don Mullins Virginia Tech</p>	<ul style="list-style-type: none"> • New FAO-WHO Guidelines on Empty Pesticide Container Management <ul style="list-style-type: none"> - Dr. Gero Vaagt, FAO representative in Nicaragua
<p>International Papers 2:45-3:15p - Alvarado D <i>Moderator:</i> Liza Fleeson TPSA President</p>	<ul style="list-style-type: none"> • Dietary Intake of Organophosphorus Pesticide Residues through Vegetables from Kumasi, Ghana <ul style="list-style-type: none"> - Godfred Darko, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana • Republic of Armenia: Challenges for Managing Hazardous Wastes <ul style="list-style-type: none"> - Anahit Aleksandryan, Ministry of Nature Protection, Republic of Armenia
<p>Session III-A - 3:30-5:00p Alvarado D Ag Film Product Stewardship: Role of Standards in Facilitating Stewardship <i>Moderator:</i> Wayne Gjerde Minnesota Pollution Control Agency</p>	<ul style="list-style-type: none"> • Product Standards Affect Recycle-ability, Usability, Environment, and Environmental Health. What Should be the Focus of Ag Film Standards? What Process Should be Followed? <ul style="list-style-type: none"> - Rob Denny, Arrowchase, Inc. - Scott Cedarquist, American Society of Agricultural and Biological Engineers
<p>Session III-B - 3:30-5:00p Alvarado B Label Compliance and Stewardship Issues <i>Moderator:</i> Jack Peterson Arizona Department of Agriculture</p>	<ul style="list-style-type: none"> • Different Types of Stewardship Programs - Jerry Krebs, Tessengerlo Kerley • Label-Mandated Training and State Certification and Training Programs <ul style="list-style-type: none"> - Carol Ramsay, Washington State University • Registration and Reregistration: State Lead Agency involvement Prior to Finalizing Stewardship Label Language <ul style="list-style-type: none"> - Bonnie Rabe, New Mexico Department of Agriculture - Karen Cain, Bayer CropScience
<p>Session III-C - 3:30-5:00p Alvarado C Pesticide Container and Containment Rule: Registrants' Perspectives <i>Moderator:</i> Nancy Fitz US EPA OPP</p>	<ul style="list-style-type: none"> • C&C Rule: What Registrants Should Know and Do <ul style="list-style-type: none"> - Martin Fitzpatrick, BASF and CropLife America Stewardship Committee Chair • Implementing the Label Changes <ul style="list-style-type: none"> - Wendy Bair-Johnson, BASF • Moderated Discussion

Session IV-A - 8:30-10:00a
Alvarado D
Stewardship of Container Collections
Moderator: Margaret Jones
US EPA Region V

- **CropLife International Stewardship for International Container Collection Projects**
 - Cam Davreux, CropLife Canada
- **Recommended Triple Rinsing Instructions for Pesticide Users Outside the U.S.**
 - Rob Denny, Arrowchase, Inc.
- **New FAO-WHO Guidelines on Management Options for Empty Pesticide Containers**
 - Dr. Gero Vaagt, FAO representative in Nicaragua

Session IV-B - 8:30-10:00a
Alvarado B
Current Trends In Stewardship Outreach
Moderator: Jim Gray
2,4-D Task Force

- **Building Coalitions to Approach BMPs**
 - Parry Klassen, CURES-Coalition for Urban/Rural Environmental Stewardship
- **An Industry Approach using Web-based Solutions**
 - Allan Hovis, Bayer CropScience
- **Web-support for Ag Retailers**
 - Allen Summers, Asmark Institute
- **The Pesticide Stewardship Web Site**
 - Wayne Buhler, North Carolina State University

Session IV-C - 8:30-10:00a
Alvarado C
Collecting Pesticides in the Southwest: What's Happening and What's Coming?
Moderator: Joe Hoffman
Washington State
Department of Agriculture

- **Arkansas's Abandoned Pesticide Program**
 - Jason Robertson, Arkansas State Plant Board
- **Arizona Perspectives**
 - Jack Peterson, Arizona Department of Agriculture
- **New Mexico Perspectives**
 - Cary Hamilton, New Mexico Department of Agriculture
- **Oklahoma Perspectives**
 - Charles Luper, Oklahoma State University Extension

Session V-A - 10:15-11:45a
Alvarado D
Current Issues with Pesticide Container Recycling
Moderator: Nancy Fitz
US EPA

- **California's Pesticide Container Recycling Law: Industry's Perspective**
 - Renee Pinel, Western Plant Health Association
- **California's Pesticide Container Recycling Law: Recycler's Perspective**
 - Brad Bittleston, Interstate Ag Plastics
- **Moderated Discussion**

Session V-B - 10:15-11:45a
Alvarado B
Monitoring Soil Fumigations as a Stewardship Strategy
Moderator: Jerry Krebs
Tessenderlo Kerley

- **Overview of Field Monitoring Issues**
 - Dirk Helder, US EPA OPP
- **Are Draeger Monitoring Devices the Right Tool?**
 - Craig Rogers, Draeger Safety, Inc.
- **Four Replicated Metam Sodium Flux Studies on Shank Injection/Compaction with Dual Water Seals**
 - David Sullivan, Sullivan Environmental
- **Monitoring Impacts and Realities**
 - Mike Conway, Trident

Session V-C - 10:15-11:45a
Alvarado C
Mexico-US Border Pesticide Disposal Update
Moderator: Fred Gabriel
Clean Harbors

- **The US/Mexico Pesticide Information Exchange Program**
 - Mario Saavedra, Texas Department of Agriculture, El Paso, assisted by Cary Hamilton, New Mexico Department of Agriculture
- **Pesticide Disposal Projects Under the U.S.-Mexico Environmental Program (Border 2010)**
 - Mary Grisier, Region IX EPA

<p>Session VI-A - 1:45-3:15p Alvarado D Emerging Markets for Used Ag Plastics <i>Moderator:</i> Roger Springman Wisconsin Department of Agriculture</p>	<ul style="list-style-type: none"> • Learn about Products That Can Be Made From Less-Than-Perfectly Clean Used Ag Plastics: e.g., Sweet Crude, Roofing Material, Binder for Wood Fuels, Lumber. • Waste Plastic to Refined Petroleum <ul style="list-style-type: none"> - Dari and Allen Jongsma, Agri-Plas, Inc. - Dan Hauschild, Genesis Poly Recycling - Mario Davila, Ekoroof - Wood Residuals Solutions
<p>Session VI-B - 1:45-3:15p Alvarado B Implementation Challenges for Soil Fumigation Management Plans <i>Moderator:</i> Kurt Volker Tessengerlo Kerley</p>	<ul style="list-style-type: none"> • EPA Labeling Requirements for Soil Fumigation Management Plans <ul style="list-style-type: none"> - Dirk Helder, US EPA OPP • Compliance Issues with Fumigation Management Plans <ul style="list-style-type: none"> - Bob Spencer, Idaho Department of Agriculture • Industry Perspectives <ul style="list-style-type: none"> - Open Panel Discussion
<p>Session VI-C - 1:45-3:15p Alvarado C Developing and Implementing a National Pesticide Disposal Database</p>	<ul style="list-style-type: none"> • Developing and Implementing a National Pesticide Disposal Database, a Project Overview <ul style="list-style-type: none"> - Nancy Fitz, US EPA OPP and Joe Hoffman, Washington State Department of Agriculture • A Review of Pesticides Collected by Washington Pesticide Disposal Program <ul style="list-style-type: none"> - Joe Hoffman, Washington State Department of Agriculture • Current Pesticide Disposal Database: TPSA's Phase 1 Disposal Project <ul style="list-style-type: none"> - Nancy Fitz, US EPA OPP • Moderated Discussion: What Other pesticide Disposal Information is Needed? How Should it be Collected? <ul style="list-style-type: none"> - Nancy Fitz, US EPA OPP and Joe Hoffman, Washington State Department of Agriculture
<p>Session VII-A - 3:30-5:00p Alvarado D Moving Ag Film Stewardship to the Next Level <i>Moderator:</i> Lois Levitan Cornell University</p>	<ul style="list-style-type: none"> • Roundtable Wrap-up to Set the Stage for TPSA's Ag Film Product Stewardship Initiative, Led Off by a Reality Check on the Global Economy and Recycling Markets. • Plastics Recycling Today: Context of Global Economy <ul style="list-style-type: none"> - Wayne Gjerde, Minnesota Pollution Control Agency
<p>Session VII-B - 3:30-5:00p Alvarado B Soil Fumigation Stewardship: Notifying First Responders and the Public <i>Moderator:</i> Vince Hebert Washington State University</p>	<ul style="list-style-type: none"> • EPA Labeling Requirements for Notification <ul style="list-style-type: none"> - Dirk Helder, US EPA OPP • Impacts on State Enforcement Programs <ul style="list-style-type: none"> - Bob Spencer, Idaho Department of Agriculture • Geomapping Impacted Residential Areas <ul style="list-style-type: none"> - Barb Morrissey, Washington Department of Health • Industry Perspectives <ul style="list-style-type: none"> - Open Discussion
<p>Session VII-C - 3:30-5:00p Alvarado C Developing and Implementing a TPSA-supported International Project <i>Moderator:</i> Don Mullins Virginia Tech</p>	<ul style="list-style-type: none"> • Build on "Stewardship of Container Collection" Session Discussions and Additional Information Collected from Developing Countries in South America and West Africa. <ul style="list-style-type: none"> - The goal would be to identify gaps in outreach/training material or information needs to determine and develop a project or projects that the TPSA International Stewardship Work Group will undertake in the next year.

Abbreviations Used in the Program:

ACRC: Ag Container Recycling Council

TPSA: The Pesticide Stewardship Alliance

US EPA OPP: United States Environmental Protection Agency, Office of Pesticide Programs

FAO: Food and Agriculture Organization of the United Nations

WHO: World Health Organization



The Pesticide Stewardship Alliance

10th Annual Pesticide Stewardship Conference

Visit <http://TPSAlliance.org> for the date, location and conference details.

Make plans to attend and participate in the conference.

TPSA's mission: To improve stewardship throughout the pesticide life cycle - increasing effectiveness and efficiency through proper labeling, judicious application, proper handling of empty containers and waste minimization.

Conference objectives: To serve as a forum to facilitate networking and cooperation among parties from around the world who are involved in any aspect of pesticide stewardship to improve program efforts. TPSA seeks individuals with pertinent information from private companies, public entities and organizations who are willing to share their stories, findings, and challenges.

To become involved, contact info@tpsalliance.org. Visit our web site: <http://tpsalliance.org>.