

Agenda

Tuesday October 26

- 5.00 - 8.00pm **Exhibitor Hall is Open for Set-up**
6.00 - 9.00pm **Conference Registration Desk is Open**

Wednesday October 27

- 6.30am - 9.00pm **Exhibit Hall Open**
7.00am **Full Breakfast Buffet and Registration (registration open all day)**
8.00am Carol Ramsay, Washington State Univ., USA; Andrew Hewitt, Univ. of Queensland, Australia **Welcoming Remarks, Conference Scope and Goals**
8.10am Frank Hall, Emeritus, Ohio State Univ., USA **Keynote Address: The Importance of Spray Drift Management around the World**

Wednesday October 27

Session 1: Incentives for Drift Management, Carol Ramsay, Moderator

- 8.40am Barbara Morrissey, Washington Dept. of Health, USA **Spray Drift and Human Health Incidents**
9.00am Kai Elgethun, Texas A&M University, USA **Measuring Human Exposures from Spray Drift**
9.25am Allan Felsot, Washington State Univ., USA **Impacts of US Court Cases on Application Technology**
9.45am *Break*
10.00am Tom Wolf, Agriculture & Agri-Food, Canada **Protecting Aquatic and Riparian Areas**
10.20am Reinhard Frießleben, Bayer CropScience, Germany **Balancing Drift Management with Biological Performance and Efficacy**
10.40am **Open Discussion**

Wednesday October 27

Session 2: Regulatory Issues, Andrew Hewitt, Moderator

- 11.00am David Loschke, Pesticides and Veterinary Medicines Authority, Australia **Australia: Regulatory Goals and Approaches**
11.15am Jay Ellenberger, Environmental Protection Agency, USA **US EPA Approach to Spray Drift Management**
11.30am Peter Kaul, BBA, Germany **German Regulation – Drift Modelling**
11.45am Ted Kuchnicki, Pest Management Regulatory Agency, Canada **Canada: Regulatory Goals and Approaches**
12.00pm **Open Discussion**
12.30pm *Social Luncheon – Light Deli Buffet*
1.30pm *Exhibitors and Poster Session (OPEN from 1-8 pm)*
1.50pm Mark Latham, Manatee County Mosquito Control District, USA **Aspects to Consider for Vector Control**
2.10pm Paul Liemandt – AAPCO President, Minnesota Dept. of Agriculture, USA **Amer. Assoc. of Pesticide Control Officials' Perspectives on Management of Drift and Secondary Movements**
2.30pm Dave Scott, Office of Indiana State Chemists, USA **State-Specific Drift Rules to Provide for Protection and Enforceability**
2.50pm **Open Discussion**
3.10pm *Break*

Agenda

Wednesday October 27

Concurrent Session 3A: Drift Mitigation Technologies, Tom Wolf, Moderator

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|-----------|---|---|
| 3.30pm | Robert Wolf, Kansas State University, USA | Nozzles for Drift Management |
| 3.45pm | Ivan Kirk, USDA Agricultural Research Service, USA | Aerial Sprayers for Drift Management |
| 4.00pm | Bob Wolf, Kansas State Univ., USA | Ground Field Sprayers for Drift Management
Sprayer Adjustment and Vine Canopy
Parameters Affecting Spray Drift: The Italian
Experience |
| 4.15pm | Paolo Balsari, Univ. of Turin, Italy | |
| 4.25pm | Andrew Landers, Cornell Univ., USA | Prevention is Better than Cure – Reducing
Drift from Vineyard Sprayers |
| 4.35pm | Gary Van Ee, Michigan State Univ., USA | Tower Sprayers Target Canopy to Reduce
Drift |
| 4.50pm | Ken Giles, Univ. of California at Davis, USA | Precision Agriculture and Drift Management |
| 5.05pm | Andrew Hewitt, Univ. of Queensland, Australia | Pesticide Chemistry and Adjuvants |
| 5.20pm | Open Discussion | |
| 5.30pm | Refresh for Grand Reception | |
| 5.30–8.30 | Sponsors' Grand Reception: Exhibits Open and Poster Session Open
Assigned times for poster presenters (2 sets of ½ hour each) | |

Wednesday October 27

Concurrent Session 3B: Drift Mitigation and Vector Control, Jing Zhai, Moderator

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|-----------|---|--|
| 3.30pm | Kevin Sweeney, US Environmental Protection Agency, USA | Mosquito Adulticide Efficacy Data and EPA
Insecticide Registration: A Global Perspective |
| 3.50pm | Norman Birchfield, US Environmental Protection Agency, USA | Technical and Regulatory Perspectives for
Mosquito Control Practices and Product
Labeling |
| 4.10pm | Mark Latham, Manatee County Mosquito Control District, USA | Application Considerations for Mosquito
Control |
| 4.30pm | Jane Barber, Florida A&M Univ., USA | Sampling and Optimization for Mosquito
Control |
| 4.50pm | William Jany, Clarke Mosquito Control, Roselle, IL, USA | An Industry Perspective on Atomizers and
Chemicals |
| 5.10pm | Open Discussion | |
| 5.30pm | Refresh for Grand Reception | |
| 5.30–8.30 | Sponsors' Grand Reception: Exhibits Open and Poster Session Open
Assigned times for poster presenters | |

Agenda

Thursday October 28

6.30 – 7.50am **Full Breakfast Buffet and Registration**

6.30 – 5.00pm **Exhibits and Posters Open**

Session 4: Environmental Conditions, Paul Miller, Moderator

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| 7.50am | Harold Thistle, USDA Forest Service, USA | Meteorology |
| 8.15am | Jan Van de Zande, Wageningen UR, Netherlands | Hedgerow Filtration and Barrier Vegetation |
| 8.40am | Clint Hoffman, USDA, Agriculture Research Service, USA | Crop and Canopy Effects |
| 9.05 am | Open Discussion | |

Thursday October 28

Session 5: Drift Research and Management, David Loschke Moderator

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| 9.25 am | Vince Hebert, Washington State Univ., USA | Regional Off-Target Movement of Auxin-Type Herbicides |
| 9.45 am | Terrell Barry, California Dept. of Pesticide Regulation, USA | Characterization of Propanil Prune Foliage Residues as related to Propanil Use Patterns in the Sacramento Valley, California |
| 10.05 | <i>Break</i> | |
| 10.20am | Allan Felsot, Washington State Univ., USA | Establishing Buffers: Protocols and Toxicological Benchmarks |
| 10.40am | Gregory Sayles, Environmental Protection Agency Research and Development, USA | US EPA's Research Proposal for Encouraging the Use of Spray Drift Reduction Technologies |
| 11.00am | Stephen Pearson, Spraying Systems, USA | Nozzle Design, Droplet Size and International Standards for Drift Reduction |
| 11.20am | Alvin Womac, University of Tennessee | An Attempt to Relate Drop Size to Drift Risk |
| 11.40am | Nicholas Woods, Univ. of Queensland, Australia | Australian Developments in Spray Drift Management |
| 12.00pm | Social Luncheon – Big Island Deli Buffet | |

Thursday October 28

Session 6: Applicator Education, Monte Johnson, Moderator

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| 1.00pm | Harold Thistle, USDA Forest Service, USA | How to Monitor Meteorology in Support of Pesticide Application |
| 1.20pm | Tom Wolf, Agriculture and Agri-Food Canada | Nozzle Selection Guidelines for Optimum Efficacy and Drift |
| 1.35pm | Carol Ramsay, Washington State Univ., USA | Information Transfer Disconnect: Technology, Labels, and Applicators |
| 1.50pm | Open Discussion | |

Agenda

Thursday October 28

Session 7: Best Management Practices Workshop

2.00pm	Dave Valcore, Dow AgroSciences, USA	Goals of Best Management Practices Workshop
2.15pm	Carol Ramsay Facilitator Carrie Foss Notetaker	Core Educational Principles: Meteorology, Droplet Size, Volume of Spray, Nozzle Technology
3.15pm	Break	
3.30pm	Concurrent BMP Sessions: Alvin Womac, Facilitator Dave Scott, Notetaker Gary VanEe, Facilitator Allan Felsot, Notetaker Dennie Stokes, Jim Avery, Facilitators Andrew Moore, Notetaker Harold Thistle, Facilitator Allan Felsot, Notetaker Bill Reynolds, Facilitator Kevin Sweeney, Notetaker	Ground Boom Application Equipment Airblast Application Equipment Aerial Application Equipment in Agriculture Aerial Application Equipment in Forestry Vector Control Application
5.30 pm	Adjourn	

Agenda

Friday October 29

Modeling Workshop Models for Risk Assessment and Decision Support

Friday Exhibit Hall open 7.00 am until noon to remove exhibits

Deposition Modeling for Risk Assessment and Decision Support

8.00am	Harold Thistle, USDA Forest Service, USA	Overview: Models for Risk Assessment and Decision Support
8.15am	Milt Teske Continuum Dynamics, Inc., USA	AgDRIFT Aerial Model
9.00am	Harold Thistle, USDA Forest Service , Milt Teske Continuum Dynamics, Inc.	AGDISP Aerial Model
9.30pm	Ivan Kirk, USDA Agricultural Research Service, USA	Droplet Size Calculators
10.00am	Andrew Hewitt, Univ. of Queensland, Australia	Other Drop Size Models
10.30am	<i>Break</i>	
11.00am	Andrew Hewitt, Univ. of Queensland, Australia	AgDRIFT for Ground and Orchard
11.30am	Peter Kaul, BBA, Germany	German Model for Ground and Orchard
12.00pm	Milt Teske Continuum Dynamics, Inc.	AgDRIFT / AGDISP Ground Models
12.30pm	<i>Social Luncheon</i>	
1.30pm	Erdal Ozkan, Ohio State Univ., USA	DRIFTSIM Overview
2.00pm	Peter Walklate, Silsoe Research Institute, United Kingdom	Modeling Canopy Interactions with Orchard Sprayers
2.30pm	Concurrent Hands-on Sessions	
	Jackie Strager, West Virginia Univ., USA	Spray Advisor
	Jerry Allwine, PNNL Battelle, USA	AGDISP/CalPuff Interface
	Brian Richardson, FRI, New Zealand	SpraySafe Manager
	Steve Edburg, Washington State Univ.	FLUENT - Modeling Environmental Flows
	Jan Van de Zande, WUR – A&F	IDEFICS and IMAG Drift Calculator
4.15pm	Harold Thistle, moderator	Panel Discussion
5.00pm	Adjourn	
6.00 pm	Luau (ticket must be purchased)	

Conference Committee and Contributors

Conference Co-Chairs

Andrew Hewitt
Co-Chair, University of Queensland, Australia

Carol Ramsay
Co-Chair, Washington State University, USA

Modeling Workshop Chair

Harold Thistle
USDA Forest Service, USA

Committee and Contributors

David Loschke
Australian Pesticides and Veterinary
Medicines Authority, Australia

Paul Miller
Silsoe Research Institute, United Kingdom

Tom Wolf
Agriculture & Agri-Food Canada

Ted Kuchnicki
Pest Management Regulatory Agency, Canada

Peter Kaul
Biologische Bundesanstalt für Land- und
Forstwirtschaft, Germany

Bill Taylor
Hardi International, Denmark

Allan Felsot
Washington State University, USA

Bob Wolf
Kansas State University, USA

Monte Johnson
US Dept. of Agriculture (USDA) CSREES,
USA

Clint Hoffmann
USDA Agricultural Research Service, USA

Dave Scott
Office of Indiana State Chemist, USA

Dave Valcore
Dow AgroSciences, USA

Carolyn Baecker
CP Products Company, Inc. , USA

Andrew Moore
National Agricultural Aviation Association,
USA

Onsite Conference Managers

Elizabeth Quinn
University of Queensland, Australia

Carrie Foss
Washington State University, USA

Exhibitors

We encourage participants to spend some time with each of our exhibitors.

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Exhibitors

We encourage participants to spend some time with each of our exhibitors.

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USDA CSREES

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