

## PROGRAM

**Monday Evening, 9 November 2009**

<b>3:15-5:00</b>	<b>CPC Meeting</b>	<b>Location: San Diego 1&amp;2</b>
<b>5:00 pm to 7:00 pm</b>	<b>Registration:</b>	<b>Location: South/West Foyer</b>
<b>1:00 pm to 5:00 pm</b>	<b>Set Up Poster:</b>	<b>Location: Ballroom VI-VIII</b>

**Tuesday Morning, 10 November 2009**

<b>6:30 am</b>	<b>Registration:</b>	<b>Location: South/West Foyer</b>
<b>7:00 am</b>	<b>Set Up Poster Presentations:</b>	<b>Location: Ballroom VI-VIII</b>
<b>7:00 am</b>	<b>Coffee:</b>	<b>Location: Ballroom VI-VIII</b>

<b>8:00 am</b>	<b>PLENARY SESSION: Welcome, ODP, Regulatory</b>	<b>Location: Ballroom I-V</b>
<b>Moderator:</b>	<b>Reggie Brown</b>	
<b>8:00-8:15</b>	<b>Welcome Reggie Brown, MBAO, Chief Executive Officer</b>	
<b>8:15-8:40</b>	<b>Jim Butler -Methyl Bromide in the Atmosphere: A Scientific Overview and Update</b>	
<b>8:40-9:05</b>	<b>Ross Brennan – CUEs, Carry Over Stocks</b>	
<b>9:05-9:30</b>	<b>Randy Segawa – California Regulatory Update</b>	
<b>9:30-9:45</b>	<b>Ken Vick/Michelle Marcotte – QPS &amp; Montreal Protocol</b>	
<b>9:45-9:55</b>	<b>Michelle Marcotte/Dan Botts – Montreal Protocol Meeting Update</b>	
<b>9:55-10:05</b>	<b>Gary Obenauf-Housekeeping</b>	

<b>10:05 am – 10:30 am</b>	<b>Break</b>	<b>Location: Ballroom VI-VIII</b>
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<b>10:30 am – 12:00 noon</b>		<b>Location: Ballroom I-V</b>
	<b>PLENARY SESSION – Fumigant Regulations PrePlant</b>	
<b>Moderator:</b>	<b>Reggie Brown</b>	
<b>10:30-10:50</b>	<b>Steve Bradbury– EPA Update</b>	
<b>10:50-11:10</b>	<b>Dan Botts – Southeastern Growers</b>	
<b>11:10-11:30</b>	<b>Rick Tomlinson – Western Growers</b>	
<b>11:30-12:00</b>	<b>William Hoffman – NIFA Methyl Bromide Transition Integrated Grants Program</b>	

<b>12:00 until 1:00 pm</b>	<b>LUNCH BREAK</b>
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**Tuesday Afternoon, 10 November 2009, Concurrent Sessions**

<b>Registration:</b>		<b>Location: South/West Foyer</b>	
<b>1:00 pm – 3:00pm</b>		<b>Location: Ballroom I-V</b>	
<b>PLENARY SESSION – Fumigant Regulations Postharvest</b>			
<b>Moderator:</b>	<b>Reggie Brown</b>		
1:00-1:20	<b>Steve Bradbury</b> – EPA Update		
1:20-1:40	<b>Susan O’Toole</b> – APHIS		
1:40-2:00	<b>Christopher Reichmuth</b> – QPS Impacts on EU		
2:00-2:20	<b>Pamela Peckman</b> - Industry		
2:20-2:50	<b>Mads Andersen</b> – (1) Sulfuryl Fluoride: Atmospheric Chemistry and Global Warming Potential		
2:50-3:00	<b>Discussion</b>		
<b>3:00 pm – 3:30 pm</b>	<b>Break</b>	<b>Location: Ballroom VI-VIII</b>	
<b>Preplant Session I: Submitted Papers</b>	<b>Loc: Ballroom I-IV</b>	<b>Postharvest Session I: Submitted Papers</b>	
<b>Title: Transition and Economics</b>		<b>Title: Controlled Atmosphere/Phosphine</b>	
<b>Moderator: Dan Botts</b>		<b>Moderator: Pamela Peckman</b>	
3:30-3:50	<b>Noling, Joe</b> (2) – Transitioning to Methyl Bromide Alternatives: a Current U.S. Assessment	3:30-3:50	<b>Vroom, Nico</b> (56) Use of Controlled Atmosphere for Pest Control in Dried Fruits/Nuts
3:50-4:10	<b>Porter, Ian</b> (4) – Maintaining Biosecurity and Market Access in the Australian Strawberry Industry following Methyl Bromide Phase-out	3:50-4:10	<b>Vroom, Nico</b> (57) Use of Controlled Atmosphere for Pest Control in Silos & Buildings
4:10-4:30	<b>Phillips, Bill</b> (5) – Meta-analysis of Methyl Bromide and Alternatives for Pest Control in Strawberry and Tomato	4:10-4:30	<b>Schilling, Wes</b> (58) Chemical Composition of Dry Cured Hams Fumigated with Carbon Dioxide
4:30-4:50	<b>Tateya, Akio</b> (6) – Japan’s Big effort to Phase-out Methyl Bromide by 2013	4:30-4:50	<b>Schilling, Wes</b> (59) Chemical Composition of Dry Cured Hams Fumigated with Phosphine
4:50-5:10	<b>Klonsky, Karen</b> (7) – Economic Performance of Alternative Pre-plant Fumigation Treatments for Almonds	<b>4:50-5:00</b>	<b>Discussion Session</b>
<b>5:10-5:30</b>	<b>Discussion Session</b>		
<b>5:30 pm – 6:30 pm</b>	<b>POSTER SESSION</b>	<b>Moderator: Robert Burchard</b>	
		<b>Location: Ballroom VI-VIII</b>	
<b>6:30 pm – 8:00 pm</b>	<b>RECEPTION</b>	<b>Location: Ballroom VI-VIII</b>	





**Thursday Morning, 12 November 2009, Concurrent Sessions**

<b>7:00 am</b>	<b>Registration:</b>	<b>Location: South/West Foyer</b>
<b>7:00 am</b>	<b>Coffee:</b>	<b>Location: Ballroom VI-VIII</b>
<b>Preplant Session VI: Submitted Papers</b>		
	<b>Loc: Ballroom I-IV</b>	
<b>Title: Area-Wide Project: West 1</b>		
<b>Moderator:</b>	<b>Greg Browne</b>	
7:40-8:00	<b>Fennimore, Steven</b> (16) – Facilitating Adoption of Alternatives to Methyl Bromide in California Strawberry	
8:00-8:20	<b>Walters, Thomas</b> (26) – Methyl Bromide Alternatives for Raspberry Nurseries	
8:20-8:40	<b>Weiland, Jerry</b> (27) – <i>Pythium</i> and <i>Fusarium</i> Species Associated with Production of Douglas-fir Seedlings	
8:40-9:00	<b>Gerik, J. S.</b> , (28) – Gladiolus Production with Methyl Bromide Alternatives Pacific Area-wide Program for Methyl Bromide Alternatives	
9:00-9:20	<b>Stoddard, G. S.</b> (29) – Methyl Bromide Fumigation Alternative for Sweetpotato Hotbeds in California, Year 2	
9:20-9:40	<b>Lampinen, Bruce</b> (30) – A Mobile Platform for Measuring Canopy Photosynthetically Active Radiation Interception in Tree Crops	
9:40-10:00	<b>Noling, Joe</b> (31) – Industry Wide Assessments of Methyl Bromide Alternatives in Florida Strawberry	
<b>10:00-10:15</b>	<b>Discussion Session</b>	
<b>Postharvest Session VI: Submitted Papers</b>		
	<b>Loc: Ballroom V</b>	
<b>Title: Miscellaneous Alternatives</b>		
<b>Moderator:</b>	<b>Michelle Marcotte/Quarantine Treatments</b>	
8:00-8:20	<b>Johnson, Judy</b> (76) Radio Frequency Heat Treatments to Disinfect Dried Pulses of Cowpea Weevil	
8:20-8:40	<b>Xue, Meng</b> (77) Development, Relative Retention, and Productivity of Red Flour Beetle on Resistant Starches	
8:40-9:00	<b>Siegel, Joel</b> (78) Evaluating Coverage and Efficacy of Insecticides to Control Navel Orangeworm	
9:00-9:20	<b>Burks, Chuck</b> (79) Mating Disruption for Control of Navel Orangeworm in Central California	
9:20-9:40	<b>Higbee, Bradley</b> (80) Areawide Control of Navel Orangeworm in Almonds	
9:40-10:00	<b>Barak, Alan</b> (81) Reduced Methyl Bromide and Sulfuryl Fluoride Quarantine Treatments for Bamboo Poles	
<b>10:00-10:15</b>	<b>Discussion Session</b>	
<b>10:00 am – 10:30 am</b>	<b>Break</b>	<b>Location: Ballroom VI-VIII</b>





<b>5:30 pm – 7:00 pm</b>		<b>RECEPTION</b>	<b>Location: Ballroom VI-VIII</b>
<b>Friday Morning, 13 November 2009, Concurrent Sessions</b>			
<b>7:00 am</b>	<b>Registration:</b>		<b>Location: South/West Foyer</b>
<b>7:00 am</b>	<b>Coffee:</b>		<b>Location: Ballroom VI-VIII</b>
<b>Preplant Session X: Submitted Papers</b>		<b>Loc: Ballroom I-IV</b>	
<b>Title: TIF</b>			
<b>Moderator: Scott Yates</b>			
8:00-8:20	<b>Chow, Edgar</b> (50) – An Update on the Development of TIF Mulching Films		
8:20-8:40	<b>Ajwa, H</b> (51) - Volatilization Losses of Methyl Bromide and Chloropicrin from Drip Fumigated Beds Covered with Totally Impermeable Tarp		
8:40-9:00	<b>Fennimore, Steven</b> (52) – Pic-Chlor 60 Retention Under Totally Impermeable Film in Strawberry		
9:00-9:20	<b>Freeman, Josh</b> (53) – DMDS Retention by Totally Impermeable Film and Its Effectiveness for Tomato Production		
9:20-9:40	<b>Villahoz, Marcello D.</b> (54) – Reduction of Methyl Bromide Dose Applications in Drip Irrigation System with TIF (Totally Impermeable Film) vs. Standard PE Film in Strawberry		
9:40-10:00	<b>Othman, Mona</b> (55) – Strawberry Production with Reduced Rates of Methyl Bromide Alternatives Applied under Retentive Films		
<b>10:00-10:15</b>	<b>Discussion Session</b>		
<b>10:00 am – 10:30 am</b>		<b>Break</b>	<b>Location: Ballroom VI-VIII</b>

*The End – Hope to see you next year in Orlando, Florida!*

## POSTER PRESENTATIONS

**Moderator: Robert Burchard**

### POSTHARVEST:

- Sung, Bo-Kyung** (83) Application of Vapormate to Imported Banana  
**Ryan, Robert** (87) Ethoxofume 1000 (Ethylene Oxide) – A Niche Methyl Bromide Alternative  
**Walse, Spencer** (88) Mapping Sulfuryl Fluoride Quarantine Control of *Amyelois transitella* Using Multivariate Modeling  
**Obenland, David** (89) Implementation of CATTS Treatment Using Boxer/Palletized Peaches and Nectarines  
**Kuenen, Bas** (90) Spring Emergence Pattern of Navel Orangeworm from Pistachio and Almond Mummies  
**Mazzoni, Anthony** (111) Methyl Bromide Recapture System- Operation and Performance  
**Kitzmiller, Brooke** (112) Mulch and Fumigation Film Composition and Property Descriptions

### PREPLANT:

- Allen, L.H.** (91) Alternatives to Methyl Bromide Studies in Gainesville: Summary 2001-2008  
**Owens, C.D.** (92) Paladin™ (dimethyl disulfide) EUP and R&D Trial Efficacy Data Summary  
**Minuto, Andres** (93) Per-Plant Soil Fumigation Against *Armillaria mellea* on Perennials in Italy  
**Lopez-Aranda, Jose** (94) Semarnat/UNIDO Demonstrations on MB Alternatives for Strawberry in Baja California, 2009 Results  
**Lopez-Aranda, Jose** (95) Strawberry Production in Spain: Chemical Alternatives to MB, 2009 Results  
**Lopez-Aranda, Jose** (96) Bio-Solarization for Strawberry Production in Spain: 2009 Results  
**Hanson, Brad** (97) Weed and Pathogen Control with Reduced MeBr in Open-Field Nurseries  
**Gabriel, Magdalena** (98) Strawberry Production in Soilless Substrate Troughs – Plant Growth  
**Gerik, James** (99) Strawberry Production in Soilless Substrate Troughs - Pathology  
**Mazzola, Mark** (100) Resident Biology Restricts *Macrophomina phaseolina* in Brassicaceous Seed Meal Amended Soil  
**Shennan, Carol** (101) Optimizing Anaerobic Soil Disinfestation for Non-Fumigated Strawberry Production in California  
**Tronstad, Russell** (102) Economic Considerations of Grafted Seedlings in Southwestern U.S. Muskmelon Production  
**Kubota, Chieri** (103) Evaluation of Grafted Seedlings in Commercial Muskmelon Production in Southwestern United States  
**Roskopf, Erin** (104) Iodomethane Phytotoxicity: Potential Role of Plant Nutrient Uptake  
**Kobara, Yuso** (105) Permeation Rates of Soil Fumigants Through Plastic Films by the Cup Method  
**Villahoz, Marcello** (106) TIF (Totally Impermeable Film) vs. Standard PE Film in Greenhouses. Reduction of Methyl Bromide Dosage in Pepper Farms  
**Van Wesenbeeck, Ian** (107) Estimating Field Volatility of Soil Fumigants using CHAIN\_2D: Mitigation Methods and Comparison Against Chloropicrin and 1,3-dichloropropene Field Observations  
**Chow, Edgard** (108) TIF™ Totally Impermeable Film for Agriculture  
**Sances, Frank** (109) The California "Two Step Program" for Season Extension with Half the Normal Use of Fumigants  
**Poling, Barcly** (113) Influence of Midas 50:50 and Midas 98:2 on Strawberry Plasticulture Yields in North Carolina