



**Monday Afternoon, 31 October 2011, Concurrent Sessions**

<b>Registration:</b>		<b>Location: South/West Foyer</b>	
<b>Preplant Session I: Submitted Papers</b>		<b>Loc: Ballroom IV</b>	
<b>Title: Non-Chemical Alternatives</b>		<b>Postharvest Session I: Submitted Papers</b>	
<b>Moderator: Frank Louws</b>		<b>Location: Ballroom I-III</b>	
1:00-1:20	<b>Kobara, Yuso ( 1 )</b> - Biostimulated Redox Processes in Soils Disinfested with Ethanol Solution	1:00-1:20	<b>Gragasin, Cristina ( 49 )</b> - Potential of Piper Betle Oil for Control of Postharvest Fungi
1:20-1:40	<b>Daugovish, Oleg ( 2 )</b> - Anaerobic Soil Disinfestation for Southern California Strawberries	1:20-1:40	<b>Siegel, Joel ( 50 )</b> - Implementing a Systems Approach to Control Navel Orangeworm In California
1:40-2:00	<b>Daugovish, Oleg ( 3 )</b> - Non-fumigant Combinations for Management of San Andreas Strawberry in a Buffer Zone Infested with <i>Fusarium oxysporum</i> and <i>Macrophomina phaseolina</i>	1:40-2:00	<b>Pupin, Francine ( 51 )</b> - Control of Bean Thrips and Light Brown Apple Moth with Vaporate
2:00-2:20	<b>Ji, Pingsheng ( 4 )</b> - Non-Fumigants as Methyl Bromide Alternatives for Managing Vegetable Diseases and Weeds	2:00-2:20	<b>Swords, Pete ( 52 )</b> - Current Methyl Bromide Recapture Technologies and Uses
2:20-2:40	<b>Cabrera, Alfonso ( 5 )</b> - Effects Of Landscape Fabrics on Pest Control in a Raised-Bed Trough System for Strawberry Production Without Fumigation	2:20-2:40	<b>Liu, Yong-Biao ( 53 )</b> - Potential of Oxygenated Phosphine Fumigation for Postharvest Pest Control
2:40-3:00	<b>Mazzola, Mark ( 6 )</b> - Advances in <i>Brassica</i> Seed Meal Formulation for Replant Disease Control	2:40-3:00	<b>Discussion</b>
3:00-3:10	<b>Discussion</b>		
<b>3:00 pm – 3:30 pm</b>		<b>Break</b>	
<b>Location: Sonoma I-II</b>			
<b>Preplant Session II:</b>		<b>Loc: Ballroom IV</b>	
<b>Title: Integrated Approaches</b>		<b>Postharvest Session II: Submitted Papers</b>	
<b>Moderator: Joseph W. Noling</b>		<b>Location: Ballroom I-III</b>	
3:30-3:50	<b>Simmons, L. J., ( 7 )</b> - Control of <i>Meloidogyne</i> spp. in Vegetables Using <i>In Vitro</i> produced <i>Pasteuria</i> Sp.	3:30-3:50	<b>Mitch, William ( 54 )</b> - Design Of Carbons for Catalytic Destruction of Methyl Bromide by Reduced Sulfur Species
3:50-4:10	<b>Dickson, Donald W. ( 8 )</b> - Vegetable Production in the Absence of Methyl Bromide	3:50-4:10	<b>Hall, Wiley ( 55 )</b> - The Capture and Destruction Of Methyl Bromide Vapors Following Post-Harvest Fumigation
4:10-4:30	<b>Louws, Frank ( 9 )</b> - <a href="#">Grafting Tomatoes as an IPM Tool to Manage Soilborne Diseases</a>	4:10-4:30	<b>Pignatello, Joseph ( 56 )</b> - Catalytic Oxidation for Elimination of Methyl Bromide Fumigation Emissions
4:30-4:50	<b>Daugovish, Oleg ( 10 )</b> - Fumigant and Strawberry Variety Evaluations in <i>Macrophomina</i> and <i>Fusarium</i> Infested Fields	<b>4:30-5:00</b>	<b>Discussion Session</b>
4:50-5:10	<b>McKenry, Michael ( 11 )</b> - Fifty Years with a Nematode-Free Nursery Program		
<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>6:30 pm – 8:00 pm</b>		<b>RECEPTION</b>	
<b>Location: Sonoma I-II</b>			

**Tuesday Morning, 1 November 2011, Concurrent Sessions**

**7:00 am Registration:** **Location: South/West Foyer**  
**7:00 am Coffee:** **Location: Sonoma I-II**

<p><b>Preplant Session III: Submitted Papers</b> <span style="float: right;"><b>Loc: Ballroom IV</b></span>  <b>Title: New Mulch Technology</b>  <b>Moderator: Jim Gerik</b></p> <p>8:00-8:20 <b>Gao, Suduan ( 12 )</b> - Application of Low Permeability Tarp in Perennial Field Fumigation</p> <p>8:20-8:40 <b>Scholten, Rodney ( 13 )</b> - TIF Film Technology ó The Missing Link in Fruit and Vegetable Production?</p> <p>8:40-9:00 <b>Chow, Edgard A. ( 14 )</b> - TIF Continues to take Root ó Fumigant Dose Reduction in a Melon Trial in Costa Rica</p> <p>9:00-9:20 <b>Sances, Frank ( 15 )</b> - Efficacy and Proof of Concept of Herbicide Coated Plastic Mulch for Use in Alternative Strawberry and Tomato Systems</p> <p>9:20-9:40 <b>Driver, James ( 16 )</b> - TIF for Fumigant Rate Reduction in North Carolina</p> <p>9:40-10:00 <b>Smith, Charles ( 17 )</b> - Fumigants, EPA's Science Update</p> <p><b>10:00-10:10 Discussion Session</b></p>	<p><b>Postharvest Session III: Submitted Papers</b> <span style="float: right;"><b>Loc: Ballroom I- III</b></span>  <b>Title: Structural applications</b>  <b>Moderator: Joel Siegel</b></p> <p>8:00-8:20 <b>Arthur, Frank ( 57 )</b> - Insect Pest Management In Rice Mills</p> <p>8:20-8:40 <b>Arthur, Frank ( 58 )</b> - Efficacy of Insecticide Treatments On Resident Populations of the Red Flour Beetle</p> <p>8:40-9:00 <b>Burks, Charles ( 59 )</b> - Monitoring Indianmeal Moth In the Presence Of Mating Disruption</p> <p><b>9:00-10:00 Open Discussion</b></p>
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**10:00-10:30 POSTER SESSION** **Moderator: Robert Burchard**  
**10:00 am – 10:30 am Break** **Location: Sonoma I-II**

<p><b>Preplant Session IV: Submitted Papers</b> <span style="float: right;"><b>Loc: Ballroom IV</b></span>  <b>Title: Emissions</b>  <b>Moderator: Husein Ajwa</b></p> <p>10:30-10:50 <b>Noling, Joseph W. ( 18 )</b> - Impacts of Traffic Pans and Deep Shank Fumigant Injection on Strawberry Yield and Sting Nematode Control</p> <p>10:50-11:10 <b>Ajwa, Husein ( 19 )</b> - Chloropicrin and 1,3-Dichloropropene Field Flux Studies</p> <p>11:10-11:30 <b>Sullivan, David A. ( 20 )</b> ó Airborne Flux as a Function of Time of Tarp Cutting for Chloropicrin and 1,3-Dichloropropene</p> <p>11:30-11:50 <b>Gao, Suduan ( 21 )</b> - TIF Tarp on Emission and Fumigation Movement in an 8-Acre Field</p> <p><b>11:50-12:00 Discussion Session</b></p>	<p><b>Postharvest Session IV: Submitted Papers</b> <span style="float: right;"><b>Loc: Ballroom I-III</b></span>  <b>Title: Chemical Alternatives</b>  <b>Moderator: Frank Arthur</b></p> <p>10:30-10:50 <b>Barnekow, David ( 60 )</b> - Profume® Gas Fumigant: US and Global Regulatory Update</p> <p>10:50-11:10 <b>Williamson, Peter ( 61 )</b> - Profume Moving Forward In Australia</p> <p>11:10-11:30 <b>DeMark, Joe ( 62 )</b> - Documentation of the Diverse Benefits and Uses Of Profume® Gas Fumigant In the United States</p> <p>11:30-11:50 <b>Hosoda, Ed ( 63 )</b> - The Commercial Acceptance of Non-Fumigant Alternatives</p> <p><b>10:50-12:00 Discussion Session</b></p>
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**12:00 until 1:00 pm LUNCH BREAK**



**Wednesday Morning, 2 November 2011, 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: Sonoma I-II</b>

<p><b>Preplant Session VII: Submitted Papers</b>                      <b>Loc: Ballroom IV</b></p> <p><b>Title: Established, Emerging Technologies &amp; Iodomethane</b></p> <p><b>Moderator: Michael McKenry</b></p> <p>8:00-8:20      <b>Welker, Robert ( 34 )</b> - Stewarding Paladin® Into the Fumigant Market</p> <p>8:20-8:40      <b>Freeman, Josh ( 35 )</b> - Reduced rates of Dimethyl Disulfide in Combination with Totally Impermeable Film</p> <p>8:40-9:00      <b>Othman, Mona ( 36 )</b> - Paladin® (DMDS), Midas®, and Pic-Clor 60® for Strawberry Production in California</p> <p>9:00-9:20      <b>Freeman, Josh ( 37 )</b> - Reduced Rates of Iodomethane in Combination with Totally Impermeable Films</p> <p>9:20-9:40</p> <p>9:40-10:00</p> <p><b>10:00-10:15</b>      <b>Discussion Session</b></p>	<p><b>Postharvest Session VII: Submitted Papers</b>                      <b>Loc: Ballroom I-III</b></p> <p><b>Title: EPA Commodity Issues</b></p> <p><b>Moderator: Jeffrey Dawson</b></p> <p>8:00-8:40      <b>Dawson, Jeffery ( 73 )</b> - EPA Comments and Other Impacted Stakeholders</p> <p><b>8:40-10:00</b>      <b>Discussion Session</b></p>
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<b>10:00 am – 10:30 am</b>	<b>Break</b>	<b>Location: Sonoma I-II</b>
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## POSTER PRESENTATIONS

**Moderator: Robert Burchard**

### PREPLANT:

- Gao, Suduan ( 74 )** Fumigant Use and Transition from Methyl Bromide to Alternatives in California  
**Cabrera, Alfonso ( 75 )** Efficacy of 1,3-Dichloropropene Plus Chloropicrin Reduced Rates Under Two Different Tarps Against Nematodes, Pathogens and Weeds
- Thomas, John ( 76 )** Increasing Efficacy and Decreasing Application Rate of Telone C35 with Carbonation and Low Permeable Films  
**Abit, M. Joy ( 77 )** Weed Control Efficacy and Rootstock Safety to Herbicides in Fruit and Nut Tree Nursery Production  
**Daugovish, Oleg ( 78 )** S-Metolachlor (Dual Magnum) Safety for Strawberry in Southern California  
**Qin, Ruijun ( 79 )** Fumigant Degradation as Affected by Different Application Rate in Five Soils  
**Weiland, Jerry ( 80 )** Application of Biocontrol Agents in Forest Nurseries  
**Momma, Noriaki ( 81 )** Mechanism of Biological Soil Disinfestation  
**Kobara, Yuso ( 82 )** Biostimulated Redox Processes in Soils Disinfested with Ethanol Solution  
**Dangi, Sadikshya ( 83 )** Effects of Methyl Bromide Alternative Fumigants on Target and Non-Target Organisms in Soil  
**Serohijos, Raquel ( 84 )** Some Nutritional Aspects of Soilless Mixtures Used in Growing Strawberry in a Raised Bed Trough System  
**Dickson, Donald ( 85 )** *Pasteuria penetrans* Suppression of Root-Knot Nematodes in Vegetables

### POSTHARVEST:

- Swords, Pete ( 86 )** Current Methyl Bromide Recapture Technologies and Uses



















2011 Annual International Research Conference on Methyl Bromide  
Alternatives and Emissions Reductions

# Conference Proceedings



All Conference Papers are Fully Available in Adobe Portable  
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-  [McKown, Clem \(1\) – Paladin® - Dimethyl Disulfide as a Replacement Soil Fumigant for Methyl Bromide.](#)
  
-  [Owens, Clay \(2\) – Paladin® U. S. Registration and UPI Paladin ® Soil Fumigation Program.](#)
  
-  [McAvoy, Theodore \(3\) – Retention and Efficacy of Drip Applied Dimethyl Disulfide under VIF and TIF Mulches.](#)
  
-  [Othman, Mona \(4\) – Dimethyl Disulfide Plus Chloropicrin as a Methyl Bromide Alternative for Strawberry Production.](#)
  
-  [Cabrera, J. Alfonsos \(5\) – Factors Affecting the Nematicides Activity of Dimethyl Disulfide.](#)
  
-  [Freeman, Josh \(6\) – Retention and Efficacy of Dimethyl Disulfide Under Virtually and Totally Impermeable Films.](#)
  
-  [Spadafora, V. J. \(7\) – Iodomethane \(Midas®\) Soil Fumigant Update – 2010.](#)
  
-  [Poss, Andrew J. \(8\) – MeI/HFC-245fa Azetrope: a Drop in Replacement for MeBr.](#)
  
-  [McAvoy, Theodore \(9\) – Retention and Efficacy if Methyl Iodide Under Virtually and Totally Impermeable Film.](#)

- [!\[\]\(443c9fc9e5d024b2fe4fcd35d048eb03\_img.jpg\) \*\*Burger, Greg J.\*\* \(10\) – Crop Guard® as a Nematicide on Food Crops in South Africa.](#)
- [!\[\]\(6bb22390ce4435b369cf23610e068eb9\_img.jpg\) \*\*Hensley, Jerry\*\* \(11\) -- Multiguard Protect® EC Registration for Nematode Control in Turf.](#)
- [!\[\]\(e956d33122da2846ef15b2c614cb889e\_img.jpg\) \*\*Gao, Suduan\*\* \(12\) – Evaluation of TIF to Reduce Fumigant Emissions and the Potential to Use Reduced Rates.](#)
- [!\[\]\(e1fb22ae471017ed1234c5d62180ce9d\_img.jpg\) \*\*Khan, Afiquar\*\* \(13\) – Chloropicrin Emission Reduction by Using Totally Impermeable Film.](#)
- [!\[\]\(be956cd4be05491d30c38a4c1247c0c8\_img.jpg\) \*\*Ajwa, H.\*\* \(14\) – Chloropicrin and 1,3-Dichloropropene Emissions Reductions by Using Totally Impermeable Film.](#)
- [!\[\]\(a226eb97b5638b5fb24102fb1bd06380\_img.jpg\) \*\*Chow, Edgar\*\* \(15\) – TIF Mulch Film – the Leading Fumigant Emission Tool.](#)
- [!\[\]\(ca8ea5852e0a670c74ff6413d674afbb\_img.jpg\) \*\*Noling, Joseph W.\*\* \(16\) – VIF Mulches, Optimized Irrigation and Tillage Practices for Fumigant Use in Florida Strawberry.](#)
- [!\[\]\(4dc9e9f127842a3cc2772ae8e6068025\_img.jpg\) \*\*Dew, J. Thurman\*\* \(17\) – Chloropicrin and PCN in UK Soils – Pilot Study 2010.](#)
- [!\[\]\(4937821c7003a4ff65ab5b609ab67174\_img.jpg\) \*\*Smith, Charles\*\* \(18\) – Overview of Recent Fumigant Emissions Research.](#)
- [!\[\]\(96085372d229bca7185b2fb44a5c1535\_img.jpg\) \*\*Triky-Dotan, Shachaf\*\* \(19\) – Dissipation of Soil Fumigants Following Repeated Applications.](#)
- [!\[\]\(ec5bcf6a4853dc1661ae5a3d7a85d9fc\_img.jpg\) \*\*Stanghellini, Mike\*\* \(20\) – A Comprehensive Review of Chloropicrin Field Volatility Studies.](#)
- [!\[\]\(04d31bc3ab1bc97cce219f75c5e105ba\_img.jpg\) \*\*Qian, Yaorong\*\* \(21\) – The Permeability of Tarps and the Potential Influencing Factors.](#)
- [!\[\]\(3a42db85b5724200e686899ae5094bc0\_img.jpg\) \*\*Sullivan, David\*\* \(22\) - Recent Progress Made by Applicators in Reducing Airborne Flux of Metam-Sodium: A Case Study.](#)
- [!\[\]\(6b98a35391837306f633f637179e0fbf\_img.jpg\) \*\*Shennan, Carol\*\* \(23\) – Optimizing Anaerobic Soil Disinfestation for Strawberry Production in California.](#)
- [!\[\]\(e34d0ee57720f32cf8b673f175caeaa0\_img.jpg\) \*\*Klonsky, Karen\*\* \(24\) – Economic Performance of Alternative Preplant Fumigation Treatments for Almonds.](#)
- [!\[\]\(ac11d294de4a9629b330bb504ccd80d6\_img.jpg\) \*\*Beede, R. H.\*\* \(25\) -- Update on a Preplant Methyl Bromide Alternatives Trial in a Walnut Replant Site.](#)
- [!\[\]\(9154486e5bb88aec4aeae8b1354bf268\_img.jpg\) \*\*Gao, Suduan\*\* \(26\) – Demonstration of Low Permeability Tarp Technology in Soil Fumigation for Perennials.](#)

- [!\[\]\(b9463851ebdd8a3525de1cceb8d92d53\_img.jpg\) \*\*Hanson, Bradley D.\*\* \(27\) – Pacific Area-wide Program: Current Status of the California Perennial Nursery Sector.](#)
- [!\[\]\(9f995c877a90c057f78c081f2ddb8c28\_img.jpg\) \*\*Browne, Greg\*\* \(28\) – Integrated Pre-plant Alternatives to Methyl Bromide for Almonds and Stone Fruits.](#)
- [!\[\]\(238ca543ea70a1e89724b53dae075774\_img.jpg\) \*\*Wieland, Jerry\*\* \(29\) – \*Fusarium\* and \*Pythium\* Populations after Planting in Fumigated Plots.](#)
- [!\[\]\(d05917fac7004605ba64949a0830c65b\_img.jpg\) \*\*Walters, Thomas\*\* \(30\) – Methyl Bromide Alternatives Trials in Raspberry Nurseries.](#)
- [!\[\]\(8f2bb4d407854a31ad520705ba7f0c24\_img.jpg\) \*\*Wang, Dong\*\* \(31\) – Vineyard Replant Update – Pacific Area-wide Program for Methyl Bromide Alternatives.](#)
- [!\[\]\(d3022fcced1289ac40b3407a7307f9ee\_img.jpg\) \*\*Fennimore, Steven A.\*\* \(32\) – Facilitating Adoption of Alternatives to Methyl Bromide in California Strawberries.](#)
- [!\[\]\(15fc1cc196314cded10403aaa566b015\_img.jpg\) \*\*Stoddard, Scott\*\* \(33\) – Methyl Bromide Alternatives Show Good Potential for Sweetpotato Hotbeds.](#)
- [!\[\]\(cb2f6798883ff33b1e197f92e541b15d\_img.jpg\) \*\*Gerik, James\*\* \(34\) – Calla Lily Production without Methyl Bromide – Pacific Area-wide Program for Methyl Bromide Alternatives.](#)
- [!\[\]\(71c1efc09cc2d19e8402003f2e54f723\_img.jpg\) \*\*Chellemi, Dan O.\*\* \(35\) – Monitoring Chloropicrin under Diverse Shank Application Scenarios.](#)
- [!\[\]\(79359942e85d5caa28de65983c96df1a\_img.jpg\) \*\*Noling, Joseph W.\*\* \(36\) – USDA ARS South Atlantic Area-wide Program: Large Scale Filed Demonstrations in Florida Strawberry 2009 -2010.](#)
- [!\[\]\(db0208bd89c91b91b0466fd1a1b3ba8c\_img.jpg\) \*\*MacRae, Andrew\*\* \(37\) – Development and Implementation of Fumigant REDs Training for the Southeast US.](#)
- [!\[\]\(de161ca68d69ed62be115e98de1b9ac0\_img.jpg\) \*\*Quicke, Marie\*\* \(38\) – 2010 Methyl Bromide Alternatives: Forest Tree Nurseries in Southern USA.](#)
- [!\[\]\(f99ee3e0986ef6dd3b13952b3c49dca3\_img.jpg\) \*\*MacRae, Andrew\*\* \(39\) – Evaluation of all Components of the 3-WAY System for Use in Central Florida Tomato.](#)
- [!\[\]\(8adc73d28a51a6b2b6179a629f30448d\_img.jpg\) \*\*Welker, Rob\*\* \(40\) – Outreach and New Approaches for Methyl Bromide Alternatives through the USDA Area Wide Project.](#)
- [!\[\]\(eed6a1b5d34a1f85a993072ff0f8c1f8\_img.jpg\) \*\*Wang, Dong\*\* \(41\) – Yield and Water Assessment of Strawberry Production in Raised-bed Troughs.](#)
- [!\[\]\(4ccde57b20278da5b0341d4b356daf7c\_img.jpg\) \*\*Noling, Joseph W.\*\* \(42\) – USDA CREES: Methyl Bromide Transitioning in Florida Strawberry Demo Trials 2008 -2010.](#)
- [!\[\]\(1b1a3b24a17693a6bf1c3048b0345ec0\_img.jpg\) \*\*Highland, H. Brett\*\* \(43\) – MelonCon WG® and SoilGard 12 G® Used in a Program as a Methyl Bromide Alternative.](#)

- [!\[\]\(3bf0e820234707dea72b072754f6fe6f\_img.jpg\) \*\*Freeman, Josh\*\* \(44\) – Utilization of Grafted Tomato Seedlings for Bacterial Wilt Resistance in Open Field Production.](#)
- [!\[\]\(7778072f38e36a97832dd8f2ca2e6795\_img.jpg\) \*\*Louws, Frank\*\* \(45\) – A Multi-Institutional Public and Private Response to Risk Mitigation Measures for Soil Fumigants.](#)
- [!\[\]\(db6d4fd1d64d5bb6bbe506bdc56ba5ec\_img.jpg\) \*\*Noling, Joseph W.\*\* \(46\) – Assessing Crop Impact and Sting Nematode Management in Florida Strawberry.](#)
- [!\[\]\(2f08b32f6943a6d1a8116d98ce45b74b\_img.jpg\) \*\*Anil, Sebastian\*\* \(47\) – Life Cycle Analysis of Pallets and Phytosanitary Treatment Methods.](#)
- [!\[\]\(7494e1ed795865daeeb04378d257e080\_img.jpg\) \*\*MacRae, Andrew\*\* \(48\) – Sustainability of Methyl Bromide Alternatives – Squash Double Crop.](#)
- [!\[\]\(49a034655720744b57cb1b5b2d92c7d5\_img.jpg\) \*\*Vallad, Gary\*\* \(49\) – Sustainability of Methyl Bromide Alternatives – Tomato and Pepper Initial Crop.](#)
- [!\[\]\(b0f9c5767051615b0a8a0ee6ccb220ac\_img.jpg\) \*\*Schilling, Wes\*\* \(50\)-Controlled Atmosphere Treatments to Control Arthropod Pests of American Dry Cured Hams.](#)
- [!\[\]\(922e20e33ccc2e8248ea6548a7406b6f\_img.jpg\) \*\*Johnson, Judy\*\* \(51\) – Development of Radio Frequency Treatments for Dried Pluses.](#)
- [!\[\]\(b6043c19411599f3d5cb6bede9595fda\_img.jpg\) \*\*Burkes, Charles\*\* \(52\) – Mating Disruption for Navel Orangeworm in Central California Year 3.](#)
- [!\[\]\(f5c0cbbb0b48b69d65353bb50bba716d\_img.jpg\) \*\*Siegel, Joel\*\* \(53\) – Problems Implementing a Systems Approach for Navel Orangeworm in California.](#)
- [!\[\]\(1c6e6b318e19a0a766fee9874ae17c83\_img.jpg\) \*\*Marcotte, Michelle\*\* \(91\) – MBTOC Views, Research Needs and Myths.](#)
- [!\[\]\(a45d6bab9c878dd917c72617c3f873ff\_img.jpg\) \*\*Walse, Spencer\*\* \(54\) – Mapping Sulfuryl Fluoride Quarantine Control of \*Amyelois transitells\* Using Multivariate Modeling.](#)
- [!\[\]\(2ef96b8a49ce0fffa5301ba8989f4a41\_img.jpg\) \*\*Emekci, Mevlut\*\* \(55\) – The Efficacy of Sulfuryl Fluoride Against Egg Stage of the Dried Fruit Beetle.](#)
- [!\[\]\(1a171313289d5e93b704d02715ba0d8e\_img.jpg\) \*\*Ferizli, Guray\*\* \(56\) – Does Sulfuryl Fluoride and Heat Combination Overcome the Egg Weakness of Almond Moth?](#)
- [!\[\]\(21b9a0542dd92f6c938ea9ee5bbf8b04\_img.jpg\) \*\*Thoms, Ellen\*\* \(57\) - Sulfuryl Fluoride as a Quarantine Treatment for Wood Products.](#)
- [!\[\]\(50d4f8128ff24c8aa7f64941155f2c96\_img.jpg\) \*\*Thoms, Ellen\*\* \(58\) – Sulfuryl Fluoride for Quarantine Treatment of Pinewood Nematode.](#)
- [!\[\]\(dcd84213f1d251c49c3193e2fc2e9203\_img.jpg\) \*\*Glennon, Dennis\*\* \(90\) – Automated Web-Based Infrared Monitoring System for Milling and Quarantine Fumigations.](#)

- [!\[\]\(a39636745ae2c9bb4ff44083d5ffa505\_img.jpg\) \*\*Hennessey, Mike\*\* \(60\) -APHIS-PPQ Alternative Quarantine Treatment Methods Development Progress - 2010.](#)
- [!\[\]\(1adc461d7b2a9f070128872c4c34d7ac\_img.jpg\) \*\*DeLima, Francis\*\* \(61\) – Ethyl Formate + CO2 Fumigation of Table Grapes for Light Brown Apple Moth.](#)
- [!\[\]\(34a0393479c21f961ea1267d76a7449e\_img.jpg\) \*\*Flingelli, Gabriele\*\* \(62\) – Phosphine Fumigation of Green and Yellow Kiwifruit for Quarantine.](#)
- [!\[\]\(5c5ecfaf7dda6aa0baaaff025e4c3f6a\_img.jpg\) \*\*Campbell, James\*\* \(63\) – Impact of Structural Fumigation on Pest Populations in Food Processing Facilities.](#)
- [!\[\]\(5db453602509e5be7aa00eb5ef25cc92\_img.jpg\) \*\*Arthur, Frank\*\* \(64\) – Residual Efficacy of Pyrethrin-Methoprene Aerosols on Packaging Surfaces.](#)
- [!\[\]\(9561f1959ca537f1f22f786d569837fc\_img.jpg\) \*\*Holcomb, Mike\*\* \(65\) – An IPM Approach to Methyl Bromide Replacement.](#)
- [!\[\]\(5acfdfdf858c08c6821861e158877e77\_img.jpg\) \*\*Horn, Pedro\*\* \(66\) – Automated Structural Fumigations with Phosphine Using the Horn Diluphos System.](#)
- [!\[\]\(b1280cb81906119afb64e585b677392a\_img.jpg\) \*\*Hartzer, Michelle\*\* \(67\) – Methyl Bromide, Sulfuryl Fluoride and Heat: Effectiveness Against Red Flour Beetle.](#)
- [!\[\]\(5bbed6e0351e8809381fb5e6619b5e48\_img.jpg\) \*\*Hosoda, Ed\*\* \(68\) – Update on the Commercial Acceptance of Profume Gas Fumigation.](#)
- [!\[\]\(edf991648dd1da6479e0620e579e73a8\_img.jpg\) \*\*Williamson, Peter\*\* \(69\) – Profume at Low Rates on Large Grain Bunkers for Complete Control.](#)
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[Trials at Two Locations in Florida.](#)

[? \*\*Fennimore, Steven\*\* \(78\) - A Strategy to Sustainably Produce Strawberry without Fumigants.](#)

[? \*\*Sams, Carl\*\* \(79\) - Using Mustard Seed Meal to Biofumigate Strawberry Soil.](#)

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[? \*\*Lakshman, Dilip\*\* \(81\) - Molecular Identification and Fungicide Tolerance of Rhizoctonia from Turfgrass.](#)

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[? \*\*Roskopf, Erin\*\* \(83\) - Evaluation of Steam for Nematode and Weed Control in Cut Flower Production in Florida.](#)

[? \*\*Roskopf, Erin\*\* \(84\) - Dvelopment of Anaerobic Soil Disinfestation for Florida Vegetable and Flower Production.](#)

[? \*\*Hanson, Bradley\*\* \(85\) - Steam Disinfestation as a Methyl Bromide Alternative in California Cut Flower Nurseries.](#)

[? \*\*Dew, Thurman\*\* \(86\) - Chloropicrin and PCN in UK Soils – Pilot Study 2010.](#)

[? \*\*Qin, Ruijun\*\* \(87\) - Effect of Soil Moisture on Emissions and Behavior of Fumigants in Different Textured Soils.](#)

[? \*\*Hewlett, Thomas\*\* \(88\) - Preparation for Commercial Production of \*Pasteuria\* spp. to Control Root-Knot Nematode.](#)

[? \*\*Driver, Jim\*\* \(89\) – Evaluation of Non-Fumigant Based and Drip Applied Nematicides to Manage Root-Knot Nematode \(\*Meloidogyne\* spp.\) on Yellow Squash.](#)

[Back to Home Page.](#)