

Presentations
Alphabetical Order

- Abit, M. Joy (77)** - Weed Control Efficacy and Rootstock Safety to Herbicides in Fruit and Nut Tree Nursery Production
- Ajwa, Husein (19)** - Chloropicrin and 1,3-Dichloropropene Field Flux Studies
- Arthur, Frank (57)** - Insect Pest Management In Rice Mills
- Arthur, Frank (58)** - Efficacy of Insecticide Treatments On Resident Populations of the Red Flour Beetle
- Bailey, Woodward (66)** - PPQ Irradiation Program: Current Status
- Barnekow, David (60)** - Profume® Gas Fumigant: US and Global Regulatory Update
- Beede, R. H. (22)** - Update on a Pre-plant Methyl Bromide Alternatives Trial in a Walnut Replant Site
- Brash, Don (87)** - Efficacy of Phosphine for Control of Bark-Borne Insects in Pine Logs
- Browne, Greg (32)** - Integrated Pre-plant Alternatives to Methyl Bromide for Almonds and Other Stone Fruits
- Burks, Charles (59)** - Monitoring Indianmeal Moth In the Presence Of Mating Disruption
- Cabrera, Alfonso (5)** - Effects Of Landscape Fabrics on Pest Control in a Raised-Bed Trough System for Strawberry Production Without Fumigation
- Cabrera, Alfonso (75)** - Efficacy of 1,3-Dichloropropene Plus Chloropicrin Reduced Rates Under Two Different Tarps Against Nematodes, Pathogens and Weeds
- Chellemi, Dan O. (40)** - Evaluation of Iodomethane and Chloropicrin on Pepper Under Two Diverse Irrigation Scenarios
- Chow, Edgard A. (14)** - TIF Continues to take Root – Fumigant Dose Reduction in a Melon Trial in Costa Rica
- Dangi, Sadikshya (83)** - Effects of Methyl Bromide Alternative Fumigants on Target and Non-Target Organisms in Soil
- Dickson, Donald W. (8)** - Vegetable Production in the Absence of Methyl Bromide
- Dickson, Donald (85)** - *Pasteuria penetrans* Suppression of Root-Knot Nematodes in Vegetables
- Daugovish, Oleg (2)** - Anaerobic Soil Disinfestation for Southern California Strawberries
- Daugovish, Oleg (3)** - Non-fumigant Combinations for Management of San Andreas Strawberry in a Buffer Zone Infested with *Fusarium oxysporum* and *Macrophomina phaseolina*
- Daugovish, Oleg (10)** - Fumigant and Strawberry Variety Evaluations in *Macrophomina* and *Fusarium* Infested Fields
- Daugovish, Oleg (78)** - S-Metolachlor (Dual Magnum) Safety for Strawberry in Southern California
- Dawson, Jeffery (73)** - EPA Comments and Other Impacted Stakeholders
- DeMark, Joe (62)** - Documentation of the Diverse Benefits and Uses Of Profume® Gas Fumigant In the United States
- Driver, James (16)** - TIF for Fumigant Rate Reduction in North Carolina
- Fennimore, Steven J. (25)** - Facilitating Adoption of Alternatives to Methyl Bromide in California Strawberries
- Fennimore, Steven J. (46)** - Soil Disinfestation in Strawberry with Steam
- Freeman, Josh (35)** - Reduced rates of Dimethyl Disulfide in Combination with Totally Impermeable Film
- Freeman, Josh (37)** - Reduced Rates of Iodomethane in Combination with Totally Impermeable Films
- Gao, Suduan (12)** - Application of Low Permeability Tarp in Perennial Field Fumigation
- Gao, Suduan (21)** - TIF Tarp on Emission and Fumigation Movement in an 8-Acre Field
- Gao, Suduan (74)** - Fumigant Use and Transition from Methyl Bromide to Alternatives in California
- Gear, Ian (72)** - New Zealand - Addressing the Challenges

Gerik, James S. (24) - Calla Lily Production with Methyl Bromide Alternatives – Pacific Area Wide Project for MBA

Glennon, Dennis (71) - Web Based Fumigation Monitoring for Quarantine Fumigations Part 3

Gragasin, Cristina (49) - Potential of Piper Betle Oil for Control of Postharvest Fungi

Hall, Wiley (55) - The Capture and Destruction Of Methyl Bromide Vapors Following Post-Harvest Fumigation

Hanson, Bradley D. (28) - MB Alternatives for the California Perennial Nursery Industry – A PAW Project Update

Hennessey, Mike (69) – APHIS-PPQ Alternatives Methods Development Completed 2011 and Planned 2012

Hosada, Ed (63) - The Commercial Acceptance of Non-Fumigant Alternatives

Jackson, Paul (33) - Five Years of Methyl Bromide Alternatives Research in Forest Tree Nurseries

Jeffers, Laura (67) - PPQ Irradiation Program: Research and Future Directions

Ji, Pingsheng (4) - Non-Fumigants as Methyl Bromide Alternatives for Managing Vegetable Diseases and Weeds

Johnson, Judy (65) - Low Pressure Treatments for Codling Moth On Fresh Fruits

Klonsky, Karen (23) - Economic Feasibility of Alternatives Developed by the Pacific Area-Wide Pest Management Program

Klonsky, Karen (48) - Economic Performance of Non-fumigant Strawberry Production Systems

Kobara, Yuso (1) - Biostimulated Redox Processes in Soils Disinfested with Ethanol Solution

Kobara, Yuso (82) - Biostimulated Redox Processes in Soils Disinfested with Ethanol Solution

Komm, Dean (64) - Use of Vacuum/Steam In Quarantine Treatments

Legard, Dan (42) - Developing Non-Fumigant Based Strawberry Production System for California

Liu, Yong-Biao (53) - Potential of Oxygenated Phosphine Fumigation for Postharvest Pest Control

Louws, Frank (9) - [Grafting Tomatoes as an IPM Tool to Manage Soilborne Diseases](#)

Louws, Frank (27) - ARS Area Wide Project in North Carolina and Surrounding States

Mazzola, Mark (6) - Advances in *Brassica* Seed Meal Formulation for Replant Disease Control

Mazzola, Mark (47) - Potential of Biofumigation for Soilborne Pest Control in Strawberry

McKenry, Michael (11) - Fifty Years with a Nematode-Free Nursery Program

Mitch, William (54) - Design Of Carbons for Catalytic Destruction of Methyl Bromide by Reduced Sulfur Species

Momma, Noriaki (81) Mechanism of Biological Soil Disinfestation

Noling, Joseph W. (18) - Impacts of Traffic Pans and Deep Shank Fumigant Injection on Strawberry Yield and Sting Nematode Control

Noling, Joseph W. (26) - USDA ARS Area Wide Project: Large Scale Field Demonstrations of Methyl Bromide Alternatives in Florida Strawberry 2010-11

Othman, Mona (36) - Paladin® (DMDS), Midas®, and Pic-Clor 60® for Strawberry Production in California

Pignatello, Joseph (56) - Catalytic Oxidation for Elimination of Methyl Bromide Fumigation Emissions

Pupin, Francine (51) - Control of Bean Thrips and Light Brown Apple Moth with Vapormate

Qin, Ruijun (79) - Fumigant Degradation as Affected by Different Application Rate in Five Soils

Roskopf, Erin (45) - Field Evaluation of Non-fumigant Pest Control for Florida Strawberry Production

Sances, Frank (15) - Efficacy and Proof of Concept of Herbicide Coated Plastic Mulch for Use in Alternative Strawberry and Tomato Systems

Scholten, Rodney (13) - TIF Film Technology – The Missing Link in Fruit and Vegetable Production?

Serohijos, Raquel (84) - Some Nutritional Aspects of Soilless Mixtures Used in Growing Strawberry in a Raised Bed Trough System

Shennan, Carol (44) - Anaerobic Soil Disinfestation: California
Siegel, Joel (50) - Implementing a Systems Approach to Control Navel Orangeworm In California
Simmons, L. J., (7) - Control of *Meloidogyne* spp. in Vegetable Using *In Vitro* produced *Pasteurea* Sp
Smith, Charles (17) - Fumigants, EPA's Science Update
Spadafora, James (38) - Iodomethane (MIDAS®) Soil Fumigant Update – 2011
Stoddard, Scott (31) - The Hotbed System for Sweet Potato Planting Stock: Is Soil Fumigation Necessary?
Sullivan, David A. (20) – Airborne Flux as a Function of Time of Tarp Cutting for Chloropicrin and 1,3-Dichloropropene
Swords, Pete (52) - Current Methyl Bromide Recapture Technologies and Uses
Swords, Pete (86) - Current Methyl Bromide Recapture Technologies and Uses
Thomas, Hillary Q. (43) - Production of Strawberry in Substrates
Thomas, John (76) - Increasing Efficacy and Decreasing Application Rate of Telone C35 with Carbonation and Low Permeable Films
Triky-Dotan, Shachaf (41) - Iodomethane Efficacy and Fate in California Soils
Wade, Layne (39) - Efficacy of Midas Against *Armillaria* Root Rot of Cherry – Lab and Field Studies
Walse, Spencer (68) - Postharvest Fumigation Research At USDA-ARS
Walters, Thomas (29) - Productivity and Economics of Methyl Bromide Alternatives for Raspberry Nursery
Wang, Dong (30) - Methyl Bromide Alternatives for Grape Replant
Weiland, Jerry (80) - Application of Biocontrol Agents in Forest Nurseries
Welker, Robert (34) - Stewarding Paladin® Into the Fumigant Market
Williamson, Peter (61) - Profume Moving Forward In Australia
Zilberman, David (70) - The Economic Impacts of Banning Methyl Bromide for Postharvest Uses










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


Conference Proceedings





All Conference Papers are Fully Available in Adobe Portable
Document Format (PDF):





-  [Conference Cover Page](#)
-  [Title Page](#)
-  [Program Committee](#)
-  [Conference Objectives](#)
-  [Sponsor's Page](#)
-  [Moderator Instructions](#)
-  [Presenters](#)
-  [Conference Program](#)
-  [Win Zipped Total Proceedings](#)


-  [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.](#)

- [!\[\]\(3da2b303d29c1ea489bbe26a3f5ac664_img.jpg\) **Burger, Greg J.** \(10\) – Crop Guard® as a Nematicide on Food Crops in South Africa.](#)
- [!\[\]\(9421cea5a5b5319f79b58962509475ab_img.jpg\) **Hensley, Jerry** \(11\) -- Multiguard Protect® EC Registration for Nematode Control in Turf.](#)
- [!\[\]\(17cce402a0380c36f25e02ecf91578f5_img.jpg\) **Gao, Suduan** \(12\) – Evaluation of TIF to Reduce Fumigant Emissions and the Potential to Use Reduced Rates.](#)
- [!\[\]\(1086da34995924f924c8e8e23387d139_img.jpg\) **Khan, Afiquar** \(13\) – Chloropicrin Emission Reduction by Using Totally Impermeable Film.](#)
- [!\[\]\(ffa6dd4cd8800071ccc1a355540c540c_img.jpg\) **Ajwa, H.** \(14\) – Chloropicrin and 1,3-Dichloropropene Emissions Reductions by Using Totally Impermeable Film.](#)
- [!\[\]\(dfba61b58454dd961d978e324a1fb5e5_img.jpg\) **Chow, Edgar** \(15\) – TIF Mulch Film – the Leading Fumigant Emission Tool.](#)
- [!\[\]\(9580d03b8c5bd7e23dc602a02886460d_img.jpg\) **Noling, Joseph W.** \(16\) – VIF Mulches, Optimized Irrigation and Tillage Practices for Fumigant Use in Florida Strawberry.](#)
- [!\[\]\(406c76dc95713637836155a54c3b56d5_img.jpg\) **Dew, J. Thurman** \(17\) – Chloropicrin and PCN in UK Soils – Pilot Study 2010.](#)
- [!\[\]\(b950fe96ed6737d8544db83990032195_img.jpg\) **Smith, Charles** \(18\) – Overview of Recent Fumigant Emissions Research.](#)
- [!\[\]\(ec7b82925343491880a39b127070bd34_img.jpg\) **Triky-Dotan, Shachaf** \(19\) – Dissipation of Soil Fumigants Following Repeated Applications.](#)
- [!\[\]\(bb20e4cc9af9ca0b97fbe827353956b8_img.jpg\) **Stanghellini, Mike** \(20\) – A Comprehensive Review of Chloropicrin Field Volatility Studies.](#)
- [!\[\]\(c214ddf0ae2379eaabf8c69e717ce4dc_img.jpg\) **Qian, Yaorong** \(21\) – The Permeability of Tarps and the Potential Influencing Factors.](#)
- [!\[\]\(4ab8b8afe6b00cdef47511259a876ad4_img.jpg\) **Sullivan, David** \(22\) - Recent Progress Made by Applicators in Reducing Airborne Flux of Metam-Sodium: A Case Study.](#)
- [!\[\]\(98c88aacf7bacdc4699eadf00b1c0084_img.jpg\) **Shennan, Carol** \(23\) – Optimizing Anaerobic Soil Disinfestation for Strawberry Production in California.](#)
- [!\[\]\(8c8472ec338d907500225220409b1481_img.jpg\) **Klonsky, Karen** \(24\) – Economic Performance of Alternative Preplant Fumigation Treatments for Almonds.](#)
- [!\[\]\(2b5e107f13a13f50a6b1482f36f06f97_img.jpg\) **Beede, R. H.** \(25\) -- Update on a Preplant Methyl Bromide Alternatives Trial in a Walnut Replant Site.](#)
- [!\[\]\(39482ed3bcfe2ba50520433d9205a285_img.jpg\) **Gao, Suduan** \(26\) – Demonstration of Low Permeability Tarp Technology in Soil Fumigation for Perennials.](#)

- [!\[\]\(849840539e55921a3851a4ff96d7400d_img.jpg\) **Hanson, Bradley D.** \(27\) – Pacific Area-wide Program: Current Status of the California Perennial Nursery Sector.](#)
- [!\[\]\(c176e0b06f6c5dd85a4598b214d1ebba_img.jpg\) **Browne, Greg** \(28\) – Integrated Pre-plant Alternatives to Methyl Bromide for Almonds and Stone Fruits.](#)
- [!\[\]\(66a18e26647fc145bd9198dd182dd107_img.jpg\) **Wieland, Jerry** \(29\) – *Fusarium* and *Pythium* Populations after Planting in Fumigated Plots.](#)
- [!\[\]\(572bcf30fdd4de64673b94584b7c6eca_img.jpg\) **Walters, Thomas** \(30\) – Methyl Bromide Alternatives Trials in Raspberry Nurseries.](#)
- [!\[\]\(ba6dc7fecffbf82e7fd414c1c97a1ece_img.jpg\) **Wang, Dong** \(31\) – Vineyard Replant Update – Pacific Area-wide Program for Methyl Bromide Alternatives.](#)
- [!\[\]\(7b0c59a8d567ae8f4c94e1b0dfc0504e_img.jpg\) **Fennimore, Steven A.** \(32\) – Facilitating Adoption of Alternatives to Methyl Bromide in California Strawberries.](#)
- [!\[\]\(6e7b00b003bc1efbd5a833fe586c1576_img.jpg\) **Stoddard, Scott** \(33\) – Methyl Bromide Alternatives Show Good Potential for Sweetpotato Hotbeds.](#)
- [!\[\]\(f2e2aef7ad678fd5527dfd3a24e78b6d_img.jpg\) **Gerik, James** \(34\) – Calla Lily Production without Methyl Bromide – Pacific Area-wide Program for Methyl Bromide Alternatives.](#)
- [!\[\]\(0bdc169ad27675acfc0a2460ebf11020_img.jpg\) **Chellemi, Dan O.** \(35\) – Monitoring Chloropicrin under Diverse Shank Application Scenarios.](#)
- [!\[\]\(ff1db8033de97c9b5192b575e06c8897_img.jpg\) **Noling, Joseph W.** \(36\) – USDA ARS South Atlantic Area-wide Program: Large Scale Filed Demonstrations in Florida Strawberry 2009 -2010.](#)
- [!\[\]\(8e22f16edd611aa34ab98b6176f90abf_img.jpg\) **MacRae, Andrew** \(37\) – Development and Implementation of Fumigant REDs Training for the Southeast US.](#)
- [!\[\]\(8d7540c68f056d32e1f5c277c946b92b_img.jpg\) **Quicke, Marie** \(38\) – 2010 Methyl Bromide Alternatives: Forest Tree Nurseries in Southern USA.](#)
- [!\[\]\(3bb45e9059d5a505b3fa2f4e5c39e3da_img.jpg\) **MacRae, Andrew** \(39\) – Evaluation of all Components of the 3-WAY System for Use in Central Florida Tomato.](#)
- [!\[\]\(bcbb2ca52bf0ba47932372eb96197d41_img.jpg\) **Welker, Rob** \(40\) – Outreach and New Approaches for Methyl Bromide Alternatives through the USDA Area Wide Project.](#)
- [!\[\]\(86bfe340afcacac49a3dd00ab134ada7_img.jpg\) **Wang, Dong** \(41\) – Yield and Water Assessment of Strawberry Production in Raised-bed Troughs.](#)
- [!\[\]\(9b99400845b7213efae8696f53f668bd_img.jpg\) **Noling, Joseph W.** \(42\) – USDA CREES: Methyl Bromide Transitioning in Florida Strawberry Demo Trials 2008 -2010.](#)
- [!\[\]\(246a070aa530e685bd4358f7a4e50d22_img.jpg\) **Highland, H. Brett** \(43\) – MelonCon WG® and SoilGard 12 G® Used in a Program as a Methyl Bromide Alternative.](#)

- [!\[\]\(6841ca9b0e023296428e7c9e683b9367_img.jpg\) **Freeman, Josh** \(44\) – Utilization of Grafted Tomato Seedlings for Bacterial Wilt Resistance in Open Field Production.](#)
- [!\[\]\(e258e347e7683f87061f627f84598eb5_img.jpg\) **Louws, Frank** \(45\) – A Multi-Institutional Public and Private Response to Risk Mitigation Measures for Soil Fumigants.](#)
- [!\[\]\(1233990ad3f0b7475c568d7bf16af31f_img.jpg\) **Noling, Joseph W.** \(46\) – Assessing Crop Impact and Sting Nematode Management in Florida Strawberry.](#)
- [!\[\]\(18570b67a4686b081406cd3de636c1c3_img.jpg\) **Anil, Sebastian** \(47\) – Life Cycle Analysis of Pallets and Phytosanitary Treatment Methods.](#)
- [!\[\]\(411af059a517db12f1097bc63c4fbe36_img.jpg\) **MacRae, Andrew** \(48\) – Sustainability of Methyl Bromide Alternatives – Squash Double Crop.](#)
- [!\[\]\(ed2b7fb1e3bd6514676d2ab3c70d5776_img.jpg\) **Vallad, Gary** \(49\) – Sustainability of Methyl Bromide Alternatives – Tomato and Pepper Initial Crop.](#)
- [!\[\]\(63f22f364560f085b88206f094473649_img.jpg\) **Schilling, Wes** \(50\)-Controlled Atmosphere Treatments to Control Arthropod Pests of American Dry Cured Hams.](#)
- [!\[\]\(1167d0d640d4660b041f4c30896eb62c_img.jpg\) **Johnson, Judy** \(51\) – Development of Radio Frequency Treatments for Dried Pluses.](#)
- [!\[\]\(e32ea7ee1d8d316e68314dd7b0885d06_img.jpg\) **Burkes, Charles** \(52\) – Mating Disruption for Navel Orangeworm in Central California Year 3.](#)
- [!\[\]\(5fb1f24875e954b62806996a167f04fe_img.jpg\) **Siegel, Joel** \(53\) – Problems Implementing a Systems Approach for Navel Orangeworm in California.](#)
- [!\[\]\(0086bf642f401643513fe1a1251873a5_img.jpg\) **Marcotte, Michelle** \(91\) – MBTOC Views, Research Needs and Myths.](#)
- [!\[\]\(4dcc71cec3ea08e94fd945b9c1c7e90b_img.jpg\) **Walse, Spencer** \(54\) – Mapping Sulfuryl Fluoride Quarantine Control of *Amyelois transitells* Using Multivariate Modeling.](#)
- [!\[\]\(2b1d69386a6edb44816277545cd6b85f_img.jpg\) **Emekci, Mevlut** \(55\) – The Efficacy of Sulfuryl Fluoride Against Egg Stage of the Dried Fruit Beetle.](#)
- [!\[\]\(7398a6e6517c1c70369e9b41e0faa04f_img.jpg\) **Ferizli, Guray** \(56\) – Does Sulfuryl Fluoride and Heat Combination Overcome the Egg Weakness of Almond Moth?](#)
- [!\[\]\(b8a1aa136b4b7f9adf95b51b6a188633_img.jpg\) **Thoms, Ellen** \(57\) - Sulfuryl Fluoride as a Quarantine Treatment for Wood Products.](#)
- [!\[\]\(3389610d51787bef082c2c5fa7b771b1_img.jpg\) **Thoms, Ellen** \(58\) – Sulfuryl Fluoride for Quarantine Treatment of Pinewood Nematode.](#)
- [!\[\]\(ed0c1c345f68b5466d78c392f4872360_img.jpg\) **Glennon, Dennis** \(90\) – Automated Web-Based Infrared Monitoring System for Milling and Quarantine Fumigations.](#)

- [!\[\]\(cd3e54d951a9fb854f48e4697cf550f9_img.jpg\) **Hennessey, Mike** \(60\) - APHIS-PPQ Alternative Quarantine Treatment Methods Development Progress - 2010.](#)
- [!\[\]\(cc729e263f29c0a76fbdc4cfe67fceb0_img.jpg\) **DeLima, Francis** \(61\) – Ethyl Formate + CO2 Fumigation of Table Grapes for Light Brown Apple Moth.](#)
- [!\[\]\(90d36d418f8f7ab67431ba2525e00a5e_img.jpg\) **Flingelli, Gabriele** \(62\) – Phosphine Fumigation of Green and Yellow Kiwifruit for Quarantine.](#)
- [!\[\]\(f70e40faeec369ff477dbaef549ee05b_img.jpg\) **Campbell, James** \(63\) – Impact of Structural Fumigation on Pest Populations in Food Processing Facilities.](#)
- [!\[\]\(ca68c0c79a5dc0026aa1d011fda2b676_img.jpg\) **Arthur, Frank** \(64\) – Residual Efficacy of Pyrethrin-Methoprene Aerosols on Packaging Surfaces.](#)
- [!\[\]\(caba7331972dceb944f99aa56fee2f81_img.jpg\) **Holcomb, Mike** \(65\) – An IPM Approach to Methyl Bromide Replacement.](#)
- [!\[\]\(c8a030d79816aa5f757cd6099c7d9a8e_img.jpg\) **Horn, Pedro** \(66\) – Automated Structural Fumigations with Phosphine Using the Horn Diluphos System.](#)
- [!\[\]\(4a09161e9d0b0aaec8ec1149656d0974_img.jpg\) **Hartzer, Michelle** \(67\) – Methyl Bromide, Sulfuryl Fluoride and Heat: Effectiveness Against Red Flour Beetle.](#)
- [!\[\]\(9223deec401f24808aa5e7273d7c177a_img.jpg\) **Hosoda, Ed** \(68\) – Update on the Commercial Acceptance of Profume Gas Fumigation.](#)
- [!\[\]\(30209071fbd04bbf3436f8eccf8c6fd7_img.jpg\) **Williamson, Peter** \(69\) – Profume at Low Rates on Large Grain Bunkers for Complete Control.](#)
- [!\[\]\(5d5ad7b451faf49eae298b1de6b23ef7_img.jpg\) **Thoms, Ellen** \(70\) – First Commercial Sulfuryl Fluoride Cocoa Bean Fumigation in the European Union.](#)
- [!\[\]\(6b706e5b064d7233ad65ebdc08e6081c_img.jpg\) **Barnekow, David** \(71\) – Profume Gas Fumigant: US and Global Regulatory Update.](#)
- [!\[\]\(534cea4863c24c6504b9b758e84a0cff_img.jpg\) **Park, Min-Goo** \(72\) - Effect of PH3 + CO2 Mixture as a Quarantine Fumigant in Cut Flowers.](#)
- [!\[\]\(c647aeea2fde0aff181a04d4f88037bc_img.jpg\) **Falco, Joseph** \(73\) - Large Scale Methyl Bromide Recapture for QPS.](#)
- [!\[\]\(f734eafed7caeb94372d7e2da3b00218_img.jpg\) **Mack, Ron** \(74\) - Efficacy of Radiofrequency Treatment on Asian Longhorned Beetle \(ALB\) and Emerald Ashborer \(EAB\) in Roundwood.](#)
- [!\[\]\(ccea1c2d4083aaa517125f86c7866bb7_img.jpg\) **Son, Yerim** \(75\) - A Pilot Study to Apply CATTIS Against the Peach Fruit Moth, *Carposina sasakii*, in Apples.](#)
- [!\[\]\(d690619083cba2285e7cdb732c2fd785_img.jpg\) **Kokalis-Burelle, Nancy** \(76\) - Grafting for Control of *Meloidogyne incognita* on Bell Pepper, Tomato and Melons.](#)
- [!\[\]\(b203639cf2533b12e83855f7ab814e14_img.jpg\) **Bausher, Michael** \(77\) - Performance of Grafted Tomatoes in Open Field](#)

[Trials at Two Locations in Florida.](#)

[!\[\]\(7e49c700e4adaed94ad5398cf2e7059e_img.jpg\) **Fennimore, Steven** \(78\) - \[A Strategy to Sustainably Produce Strawberry without Fumigants.\]\(#\)](#)

[!\[\]\(5ebcf382a6ee952d6c5b8b948415801e_img.jpg\) **Sams, Carl** \(79\) - \[Using Mustard Seed Meal to Biofumigate Strawberry Soil.\]\(#\)](#)

[!\[\]\(71ceb62b681518c82e95d615e7265d66_img.jpg\) **Walters, Thomas** \(80\) - \[Top Ten Things to Know About Methyl Bromide: A Raspberry Nursery Survey.\]\(#\)](#)

[!\[\]\(e10773081adcaeab632f9dd4c8931cd5_img.jpg\) **Lakshman, Dilip** \(81\) - \[Molecular Identification and Fungicide Tolerance of Rhizoctonia from Turfgrass.\]\(#\)](#)

[!\[\]\(9c4f697052545ae4fab36076e03db94f_img.jpg\) **Roskopf, Erin** \(82\) - \[Evaluation of Alternatives to Methyl Bromide for Ornamental Crop Production in Florida.\]\(#\)](#)

[!\[\]\(a69696d69cfd88b51cbd02e5288eca32_img.jpg\) **Roskopf, Erin** \(83\) - \[Evaluation of Steam for Nematode and Weed Control in Cut Flower Production in Florida.\]\(#\)](#)

[!\[\]\(fc3a57079704ef1b99671c8cafae23be_img.jpg\) **Roskopf, Erin** \(84\) - \[Development of Anaerobic Soil Disinfestation for Florida Vegetable and Flower Production.\]\(#\)](#)

[!\[\]\(0ac73c45806a78de248a19d9a2dbe7a6_img.jpg\) **Hanson, Bradley** \(85\) - \[Steam Disinfestation as a Methyl Bromide Alternative in California Cut Flower Nurseries.\]\(#\)](#)

[!\[\]\(147b0c7dce349edf02b6b21226344f99_img.jpg\) **Dew, Thurman** \(86\) - \[Chloropicrin and PCN in UK Soils – Pilot Study 2010.\]\(#\)](#)

[!\[\]\(ac7494f141109b59d18bf9c3aeb84d93_img.jpg\) **Qin, Ruijun** \(87\) - \[Effect of Soil Moisture on Emissions and Behavior of Fumigants in Different Textured Soils.\]\(#\)](#)

[!\[\]\(d5831b2ac75eb48b4c49d27e61d24c03_img.jpg\) **Hewlett, Thomas** \(88\) - \[Preparation for Commercial Production of *Pasteuria* spp. to Control Root-Knot Nematode.\]\(#\)](#)

[!\[\]\(d3d0bc9cbc0b5499f7bfafd3278057f7_img.jpg\) **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.](#)