

PROGRAM

Sunday Evening, 2 November 2003

Registration: 5:00 pm to 7:00 pm
Set Up Poster: 1:00 pm to 5:00 pm

Location: South/West Foyer
Location: Ballroom VI-VIII

Monday Morning, 3 November 2003

6:30 am Registration:
7:00 am Set Up Poster Presentations:
7:00 am Coffee: Sponsor: Metam Sodium Task Force

Location: South/West Foyer
Location: Ballroom VI-VIII
Location: Ballroom VI-VIII

8:00 am PLENARY SESSION: Welcome, ODP, Regulatory
Moderator: Reggie Brown
8:00-8:15 Welcome Reggie Brown, MBAO, Chief Executive Officer
8:15-8:35 Jim Butler-Methyl Bromide in the Atmosphere: A Scientific Overview and Update
8:35-8:55 Paul Helliker- Regulatory Status of Methyl Bromide in California
8:55-9:15 Jim Jones- Registration Status of Potential Alternatives to Methyl Bromide
9:15-9:30 Gary Obenauf-Housekeeping

Location: Ballroom I-V

9:30 am – 10:00 am Sponsor: Metam Sodium Task Force Break

Location: Ballroom VI-VIII

10:00 am – 12:00 noon
PLENARY SESSION – Critical Use Exemption (CUE): American/Canadian Perspective

Location: Ballroom I-V

Moderator: Reggie Brown
10:00-10:20 Christine Augustyniack-Application and Review Process
10:20-10:40 Michelle Marcotte-MBTOC Postharvest Review
10:40-11:00 Sally Schneider-MBTOC Preplant Review
11:00-11:20 Burleson Smith-Issues at Montreal Protocol Meeting and Their Potential Impact
11:20-11:40 Ed Ruckert-Industry Perspective
11:40-12:00 Discussion

12:00 until 1:00 pm

LUNCH BREAK

Monday Afternoon, 3 November 2003, Concurrent Sessions

Registration:		Location: South/West Foyer
1:00 pm – 2:30 pm		Location: Ballroom I-V
PLENARY SESSION – CUE Allocation		
Moderator:	Reggie Brown	
1:00-1:15	Hodayah Finnman -Rule Making	
1:15-1:30	David McAllister -Manufactures View	
1:30-1:45	Dan Botts -Preplant Users	
1:45-2:00	Ed Ruckert -Postharvest Users	
2:00-2:30	Discussion	
2:30 pm – 3:00 pm Sponsor: Metam Sodium Task Force		Location: Ballroom VI-VIII
Break		
Preplant Session I: Submitted Papers	Loc: Ballroom I-IV	Postharvest Session I: Submitted Papers
Irrigation and Mulch Impacts on Fumigants		Irradiation and Ozone as Alternatives
Moderator:	Joe Noling	Moderator:
3:00-3:20	Gilreath, James (1)-Response of Nutsedge to Concentration of Metam Potassium and Delivery Water Volume.	3:00-3:20
3:20-3:40	Ajwa, Husein (2)-Strawberry Yield Under Reduced. Application Rates of Chloropicrin and Inline in Combination with Metam Sodium and VIF.	3:20-3:40
3:40-4:00	Fennimore, Steve (3)- Chloropicrin and Inline Dose-Response Under VIF and HDPE Film: Weed Control Results.	3:40-4:00
4:00-4:20	Gamliel, Abraham (4)-Innovative Plastic Films Enhance Solarization Efficacy and Pest Control.	4:00-4:20
4:20-4:40	Gilreath, James (5)- Retention of 1,3-Dichloropropene and Nutsedge control with Virtually Impermeable Film.	4:20-5:00
4:40-5:00	Daugovish, Oleg (6)-Exploring Biofumigation Potential of Mustards.	Discussion Session
5:00-5:20	Discussion Session	
5:30 pm – 6:30 pm	POSTER SESSION	Moderator: Alan Dowdy
6:30 pm – 8:00 pm	RECEPTION	Location: Ballroom VI-VIII
		Location: Ballroom VI-VIII

Tuesday Morning, 4 November 2003, Concurrent Sessions

7:00 am Registration: **Location: South/West Foyer**
7:00 am Coffee: Sponsor: Metam Sodium Task Force **Location: Ballroom VI-VIII**

<p>Preplant Session II: Submitted Papers Loc: Ballroom I-IV Tree Crops and Nurseries Moderator: Mike McKenry 8:00-8:20 Schneider, Sally (7)-Methyl Bromide Alternatives for Perennial Field Nurseries -- 1st and 2nd Year Performance. 8:20-8:40 Duncan, Roger (8)-Evaluation of Pre- and Post-plant Treatments for Replanted Peach Orchards. 8:40-9:00 Mazzola, Mark (9)-Non-Fumigant Measures and Assessment of Host Tolerance for Replant Disease Control. 9:00-9:20 Schneider, Sally (10)-Vineyard Replant Field Trials. 9:20-9:40 Browne, Greg (11)-Evaluations of Rootstocks and Fumigants for Control of Almond Replant Disease. 9:40-10:00 Discussion Session</p>	<p>Postharvest Session II: Submitted Papers Loc: Ballroom V Structural Fumigation Moderator: Shlomo Navarro 8:00-8:20 Abaraw, Mimoun (64)-For Effective, Safe and Chemical Free Pest Management...Turn Up the Heat. 8:20-8:40 Bell, Chris (65)-Efficacy of Complementary Measures to Assist Heat Disinfestations of Structures. 8:40-9:00 DePalo, Michael (66)-Cylinderized Phosphine as a Replacement for Methyl Bromide. 9:00-9:20 Mueller, David (67)-Combination Fumigation Method Structural Fumigations Using Heat, Carbon Dioxide, and Phosphine. 9:20-9:40 Blachly, Bob (68)-Methyl Bromide Alternatives in Flour Mills. 9:40-10:00 Discussion Session</p>
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10:00 am – 10:30 am Sponsor: Metam Sodium Task Force **Break** **Location: Ballroom VI-VIII**

<p>Preplant Session III: Submitted Papers Loc: Ballroom I-IV International Methyl Bromide Alternatives, I Moderator: Sally Schneider 10:20-10:40 Besri, Mohamed (12)-Tomato Grafting as an Alternative to Methyl Bromide in Morocco. 10:40-11:00 Minuto, Andrea (13)-A Project to Phase Out Methyl Bromide in Romania: Preliminary Results. 11:00-11:20 Hafez, Saad (14)-Constraints and Remedies in the Adoption of Non-chemical Methyl Bromide Alternatives for Vegetable Production in Lebanon. 11:20-11:40 López-Aranda, José (15)-Chemical Alternatives to MB for Strawberry Nurseries in Spain: 2002 Results. 11:40-12:00 Louws, Frank (56)-Impacts of Alternatives on Strawberry Yield and Root Colonization by Fungal Pathogens. 12:00-12:20 Discussion Session</p>	<p>Postharvest Session III: Submitted Papers Loc: Ballroom V Heat/Cold Treatments Moderator: Chris Bell 10:30-10:50 Navarro, Shlomo (69)-Effectiveness of Heat for Disinfestations of Nitidulid Beetles from Dates. 10:50-11:10 Johnson, Judy (70)-Survival of Indianmeal Moth and Navel Orangeworm at Low Temperatures. 11:10-11:30 Obenland, David (71)-Stone fruit Quality Following High Temperature/Controlled Atmosphere Treatment. 11:30-11:50 Neven, Lisa (72)-Commodity treatments for “Organics”. 11:50-12:00 Discussion Session</p>
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12:00 noon – 1:00 pm **Lunch**

Tuesday Afternoon, 4 November 2003, Concurrent Sessions

Registration:

Location: South/West Foyer

<p>Preplant Session IV: Submitted Papers</p>	<p align="center">Loc: Ballroom I-IV</p>	<p>Postharvest Session IV: Submitted Papers</p>	<p align="center">Loc: Ballroom V</p>
<p>Metam Sodium</p>		<p>Physical Treatments/Biology</p>	
<p>Moderator: Donald Dickson</p>		<p>Moderator: Guy Hallman</p>	
<p>1:00-1:20</p>	<p>Gamliel, Abraham (16)-Accelerated Degradation of Metam Sodium in the Field and its Management.</p>	<p>1:00-1:20</p>	<p>Navarro, Shlomo (73)-Field Trails on Biogenerated V-HF Systems to Control the Large Narcissas Fly.</p>
<p>1:20-1:40</p>	<p>Matthiessen, John (17)-Sand, Calcium, and High Soil pH – A High Risk Combination for Enhanced Biodegradation.</p>	<p>1:20-1:40</p>	<p>Finkelman, Simcha (74)-Practical Aspects to the Use of Vacuum as a Method to Control Storage Insects.</p>
<p>1:40-2:00</p>	<p>Radewald, John (18)-David Sullivan, John Roozen- Evaluation of Nematode Control and Off-Gassing Measurements for Metam-Sodium Utilizing the Roozen Applicator.</p>	<p>1:40-2:00</p>	<p>Lagunas, Manuel (75)-Non-thermal Metabolic Stress Disinfestations and Disinfection Method for Fresh Agricultural Products.</p>
<p>2:00-2:20</p>	<p>Sullivan, David (19)-Fumigant Emissions Modeling System (FEMS).</p>	<p>2:00-2:20</p>	<p>Discussion Session</p>
<p>2:20-2:40</p>	<p>Vaculin, Paul (20)-Effect of Bed Width on Drip Applied K-Pam® for Purple Nutsedge Control.</p>	<p>2:20-3:00</p>	
<p>2:40-3:00</p>	<p>Discussion Session</p>		

3:00 pm – 3:30 pm

Sponsor: Metam Sodium Task Force

Break

Location: Ballroom VI-VIII

Preplant Session V: Submitted Papers New Products	Loc: Ballroom I-IV	Postharvest Session V: Submitted Papers Emissions Control/Monitoring and CA	Loc: Ballroom V
Moderator: Husein Ajwa 3:20-3:40 Rodriguez-Kabana, Rodrigo (21)- Sodium Azide [SEP-100] for Control of Nutsedge, Root-Knot Nematode and Fusarium Crown Rot in Tomato Production. 3:40-4:00 Dickson, Don (22)-Comparison of Methyl Iodide Formulations with Methyl Bromide and an Untreated Control on the Management of Root-Knot Nematodes, Weeds and Yield of Tomato in Florida. 4:00-4:20 Charles, Patrick (23)-DMDS: A New Alternative for Soil Disinfestation. 4:20-4:40 Allan, Michael (24)-Midas™ Soil Fumigant: Registration and Development Update. 4:40-5:00 Ren, YongLin (25)-First Results from Ethanedinitrile (C ₂ N ₂) Field trials in Australia. 5:00-5:20 Discussion Session		Moderator: Jim Leesch 3:30-3:50 Joyce, Peter (77)-Methyl Bromide Scrubbing Technology. 3:50-4:10 Kuenen, L.P.S. (78)-Season-long Monitoring of Navel Orangeworm with Female Sex Pheromone and Egg Traps. 4:10-4:30 Emeki, E. (79)-Modified Atmosphere as an Alternative to MBr in the Dried Fig Sector in Turkey. 4:30-4:50 Campbell, James (80)-Monitoring the Efficacy of Flour Mill Fumigation. 4:50-5:00 Discussion Session	
5:30 pm – 7:00 pm		Location: Ballroom V	
PLENARY SESSION – CUE Economic Issues			
Moderator: Reggie Brown			
5:30-5:45 Dave Widasky -EPA Needs/Use			
5:45-5:55 Jonathan Banks -MBTOC Needs/Use			
5:55-6:05 Ian Porter -MBTOC Needs/Use			
6:05-6:15 Preplant Example			
6:15-6:25 Postharvest Example			
6:25-7:00 Discussion			

Wednesday Morning, 5 November 2003, Concurrent Sessions

7:00 am Registration: **Location: South/West Foyer**
7:00 am Coffee: Sponsor: Metam Sodium Task Force **Location: Ballroom VI-VIII**

<p>Preplant Session VI: Submitted Papers Loc: Ballroom I-IV Biologicals and New Chemicals Moderator: Erin Rosskopf 8:00-8:20 Kita, Nobuhiro (26)-Hot Water Treatment as a Promising Alternative to Methyl Bromide. 8:20-8:40 Smither-Kopperl, Margaret (27)-Economic Benefit of Greenhouse Production in Soilless Culture. 8:40-9:00 Sances, Frank (28)-Conventional and Organic Alternatives to Methyl bromide on California Strawberries and Other High-Cash Crops. 9:00-9:20 Warren, Morris (29)- Propylene Oxide, the All Purpose Fumigant 9:20-9:40 Zidack, Nina (30)-Development of Mycofumigation for Control of Soil-borne Plant Pathogens. 9:40-10:00 Discussion Session</p>	<p>Postharvest Session VI: Submitted Papers Loc: Ballroom V Regulatory Postharvest Quarantine Issues Moderator: Alan Dowdy 8:00-8:20 Zettler, Larry (81)-Irradiation as a Phytosanitary Treatment. 8:20-8:40 Bergsten, Dave (82)-Methyl Bromide Use and the Solid Wood Packing Rule. 8:40-9:00 Barak, Al (83)-Fumigation as a Quarantine Treatment for Solid Wood Packing. 9:00-9:20 Wood, Scott (84)-Quality Assurance in Regulatory Treatments. 9:20-9:40 Mack, Ron (85)-Use of Steam Heat to Control an Invasive Hitchhiking Snail, <i>Cerutuella cisalpina</i>, on Imported Shipping Containers. 9:40-10:00 Discussion Session</p>
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10:00 am – 10:30 am Sponsor: Metam Sodium Task Force **Break** **Location: Ballroom VI-VIII**

<p>Preplant Session VII: Submitted Papers Loc: Ballroom I-IV International Methyl Bromide Alternatives Research, II Moderator John Duniway 10:20-10:40 Pizano, Marta (31)-Commercial Adoption of Alternatives to MB in Floriculture in Developing Countries. 10:40-11:00 López-Aranda, José (32)-New Demonstrations of Alternatives to MB for Strawberry in Spain: 2003 Results. 11:00-11:20 López-Aranda, José (33)-Alternatives to MB for Strawberry Production in Huelva (Spain): 2003 Results. 11:20-11:40 Minuto, Andrea (34)-Chemical Alternatives to Methyl Bromide in Italy: An Update. 11:40-12:00 Elmore, Clyde (35)-Preplant Pest Management in Ranunculus Production. 12:00-12:20 Discussion Session</p>	<p>Postharvest Session VII: Submitted Papers Loc: Ballroom V Chemical Alternatives-1 Moderator: Bas Kuenen 10:30-10:50 Waterford, Colin (86)-QuickPhlo-C® Technology Delivers Phosphine Fast. 10:50-11:10 Muhareb, J. (87)-Efficacy of a Mixture of Phosphine/Carbon Dioxide on Stored Product Insects. 11:10-11:30 Ferizli, A.G. (88)-Phosphine as an Alternative to MBr in the Dried Fig Sector in Turkey. 11:30-11:50 Mueller, John (89)-New Trends in Phosphine Fumigants: Rapid Evolution of Cylinderized Phosphine Fumigants. 11:30-12:00 Discussion Session</p>
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Wednesday Afternoon, 5 November 2003, Concurrent Sessions

Registration:

Location: South/West Foyer

<p>Preplant Session VIII: Submitted Papers Loc: Ballroom I-IV Performance Enhancements for Long-Term Cropping Systems Moderator: Tom Trout 1:00-1:20 McKenry, Michael (36)-New Chisel Shanks Enable Improved Fumigation of Finer-Textured Soils. 1:20-1:40 Ajwa, Husein (37)-Water and Methyl Isothiocyanate Distribution in Soil After Drip Fumigation with Metam Sodium. 1:40-2:00 Noling, Joseph (38)-Influence of Soil Compaction Layers on Downward Diffusion of Fumigants in Soil. 2:00-2:20 Locascio, Salvadore (39)-Tomato Production as Affected by Bed Width and Fumigation. 2:20-2:40 Gilreath, James (40)-Long Term Control of Soilborne Pests in Tomato with 1,3-Dichloropropene + Chloropicrin. 2:40-3:00 Discussion Session</p>	<p>Postharvest Session VIII: Submitted Papers Loc: Ballroom V Chemical Alternatives-2 Moderator: Larry Zettler 1:00-1:20 Waterford, Colin (90)-Ethyl Formate: Australian Field Trials and New Formulation – Vapomate®. 1:20-1:40 Waterford, Colin (91)-Update of Ethyl Formate on New Formulation and Trials in Australia. 1:40-2:00 Van S. Graver, Jan (92)-Carbonyl Sulfide for Disinfestations of Export Hay: An Update. 2:00-2:20 Van S. Graver, Jan (93)-Distribution of Carbonyl Sulfide in Wheat Fumigated in a Farm Bin. 2:20-3:00 Discussion Session</p>
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3:00 pm – 3:30 pm **Sponsor: Metam Sodium Task Force** **Break** **Location: Ballroom VI-VIII**

<p>Preplant Session IX: Submitted Papers Loc: Ballroom I-IV Pest Monitoring and Stress Avoidance in Crop Production Systems Moderator: Jenny Broome 3:20-3:40 Mattner, Scott (41)-Phytotoxicity and Plant-Back – Critical Issues in the Australian Strawberry Industry. 3:40-4:00 Martin, Frank (42)-Alternatives Fumigants in Strawberry Production and the Use of Remote Sensing. 4:00-4:20 Noling, Joseph (43)-Grower Conducted Surveys for Field Diagnosis and Sampling for Root-Knot Nematode Based on Root Gall Indices. 4:20-4:40 Duniway, John (44)-Beneficial Effects of Rhizobacteria on Growth and Yield of Strawberry. 4:40-5:00 Browne, Greg (44A)-Pre-plant Cropping and Fallowing Effects on Severity of <i>Prunus</i> Replant Disease. 5:00-5:20 Discussion Session</p>	<p>Postharvest Session IX: Submitted Papers Loc: Ballroom V Chemical Alternatives-3 Moderator: Jim Campbell 3:30-3:50 Griffith, Tom (94)-Propylene Oxide; Registered Fumigant, a Safe Insecticide. 3:50-4:10 Dwinell, L.D. (95)-Effect of Sulfuryl Fluoride on the Pinewood Nematode in Pine Wood. 4:10-4:30 Williams, Robert (96)-ProFume® Gas Fumigant: A Successful Fit as a Methyl Bromide Alternative. 4:30-4:50 Schreyer, Anette (97)-First registration and commercial usage of ProFume® in Switzerland. 4:50-5:00 Discussion Session</p>
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5:30 pm – 7:00 pm **RECEPTION** **Location: Ballroom VI-VIII**

Thursday Morning, 6 November 2003, Concurrent Sessions

7:00 am	Registration:	Location: South/West Foyer
7:00 am	Coffee: Sponsor: Metam Sodium Task Focer	Location: Ballroom VI-VIII
Preplant Session X: Submitted Papers	Loc: Ballroom I-IV	Postharvest Session X: Submitted Papers
New Products and Programmatic Evaluation		Loc: Ballroom V
Moderator: Nancy Kokalis-Burelle		Fumigant Stewardship & Technology Transfer
8:00-8:20 Park, Bradley (45)-Evaluation of Dazomet for Golf Course Fairway Renovation.		Moderator: Bob Williams
8:20-8:40 Rodriguez-Kabana, Rodrigo (46)- Sodium Azide [SEP-100] for Control of Nematodes and Weed Problems in Green Pepper Production.		8:00-8:20 Voglewede, Christopher (98)-Development of a Comprehensive Stewardship Program for ProFume® Gas Fumigant.
8:40-9:00 Norton, Jack (47)-A Review of Potential Methyl Bromide Alternatives (MBA) from IR-4 MBA Programs.		8:20-8:40 Prabhakaran, Suresh (99)-On-the-Job Fumigation Training – Educational and Interesting.
9:00-9:20 Gilreath, James (48)-Results of the IR-4 Strawberry Methyl Bromide Alternatives Program in Florida During 2002.		8:40-9:00 Schneider, Brian (100)-Developing Precision Fumigation Plans Using the ProFume® Fumiguide®.
9:20-9:40 Richardson, Jesse (49)- Buried Drip Application Studies with Inline and Telone EC in Melons, 1999 – 2003.		9:00-9:20 Hosoda, Ed (101)-Ways to Enhance the Technology Transfer Process of Post-Harvest Methyl Bromide Alternatives.
9:40-10:00 Discussion Session		9:20-10:00 Discussion Session
10:00 am – 10:15 am Sponsor: Metam Sodium Task Force		Break
Location: Ballroom VI-VIII		
Preplant Session XI: Submitted Papers	Loc: Ballroom I-IV	
New Products/Technologies		
Moderator: Daniel A. Botts		
10:20-10:40 Kokalis-Burelle, Nancy (50)-Effects of Soil Fumigants and BioYield on Root-Knot Nematode Incidence and Yield of Tomato.		
10:40-11:00 Rodriguez-Kabana, Rodrigo (51)-Nematicidal and Herbicidal Properties of 2-Propenal [Acrolein]: A Potential Alternative to Methyl Bromide for Soil Fumigation.		
11:00-11:20 Santos, Bielinski (52)-Long Term Effect of Fumigant and Herbicide Combinations in Bell Pepper (<i>Capsicum annuum</i>).		
11:20-11:40 Walker, R.H. (53)-Nematicidal and Herbicidal Properties of Calcium and Hydrogen Cyanamides.		
11:40-12:00 Smither-Kopperl, Margaret (54)-Protected Culture of Strawberry as a Methyl Bromide Alternative: Cultivar Trial.		
12:00-12:20 Trout, Tom (55)-Fumigation and Fallowing Effects on California Peach.		
12:20-1:00 Discussion Session		

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

POSTER PRESENTATIONS

Moderator: Alan Dowdy

PREPLANT:

- Walker, R.H.** (105)- Weed Efficacy of SEP 100: Rate, Tillage and Tarp Effects.
- Guertal, E.A.** (106)- SEP 100 (Sodium Azide) Efficacy Against Hybrid and Common Bermudagrass.
- Pennington, Willie** (107)- BASF Specialty Products, BASF Corporation.
- Kobara, Yuso** (108)- Emission Reduction of Chloropicrin and 1,3-Dichloropropene with a Gas-Barrier Film.
- Trout, Tom** (109)- Impact of Township Caps on Telone Use in California.
- Trout, Tom** (110)- Fumigant Use in California.
- Gilreath, James** (111)- Resurgence of Soilborne Pests in Double-Cropped Cucumber.
- Elmore, Clyde** (112)- Treatment Combinations to Improve Efficacy in Field-Grown Flowers.
- Gamliel, Abraham** (113)- Combination of Soil Fumigants: Synergistic Performance and Improved Yield.
- Gerik, James** (114)- Alternative Chemical Treatments for Ornamental Crops.
- Fravel, Deborah** (115)- Effect of Sublabel Rates of Metham Sodium plus Trichoderma on *Rhizoctonia solani*.
- Schreiner, Paul** (116)- Methyl Bromide Alternatives and Mycorrhizal Colonization in Vineyard Replant Trials.
- Westerdahl, Becky** (117)- Managing Nematodes in Nursery Stock with Hot Water and Ozone.
- Nyczepir, Andrew** (118)- Field Evaluation of Nonchemical Alternatives for Control of Ring Nematode on Peach.
- Nyczepir, Andrew** (119)- Use of Entomopathogenic Nematodes for Suppressing Ring Nematode on Peach & Pecan.
- Kloek, Andrew** (143)- A Genomic Approach to MeBr Replacement for Nematode Control.
- Loper, Joyce** (120)- Application of Genomics to Biological Control of Soilborne Plant Diseases.
- Hewlett, Thomas** (121)- *Pasteuria Penetrans* in Vitro Produced Spores for Control of *Meloidogyne arenaria*.
- Pinkerton, Jack** (122)- Management of Tomato Ringspot Virus in Red Raspberry with Crop Rotation.
- Uematsu, Seji** (123)- Use of Hot Water for Soil-Borne Disease Control.
- Seebold, Kenneth** (124)- Effects of Mulch Type on the Efficacy of Drip-Applied Soil Fumigants.
- Martin, Frank** (42)- Alternative Fumigants in Strawberry Production and the Use of Remote Sensing.
- Kabir, Zahangir** (125)- Alternative Fumigants for the Control of Soil Pests: Strawberry as a Model System.
- Duniway, John** (126)- Soil Fumigant, Plastic Mulch, and Variety Effects on Verticillium Wilt and Yield of Strawberry.
- Mattner, Scott** (127)- Application Techniques Influence the Efficacy of Ethanedinitrile (C₂N₂) for Soil Disinfestation.
- Browne, Greg** (128)- Integrated Management of *Phytophthora* on Strawberry without Methyl Bromide.
- Gillis, Matt** (129)- DMDS – 2003 Field Trials in California.
- Matthiessen, John** (130)- Severe Enhanced Biodegradation of Metham Sodium in Australia.
- Rodriguez-Kabana, Rodrigo** (131)- Evaluation of the Herbicidal and Nematicidal Activities of Methyl Disulfide.
- Roskopf, Erin** (132)- Screening of Reduced Risk Compounds for Fungicidal and Herbicidal Activity.
- Warren, Morris** (133)- Results of 2003 Propylene Oxide Preplant Testing.
- Rimini, Bruno** (134)- Developments in Bromostop Virtually Impermeable Film.
- Smither-Kopperl, Margaret** (135)- Greenhouse Production with Soilless Media as a Methyl Bromide Alternative.
- Stapleton, James** (136)- *Allium* spp. Amendment, Temperature, and Time Affect Weed Viability in Soil.
- Stapleton, James** (137)- Lethal Temperature-Time Dosages for *Meloidogyne incognita* in Soil.
- Auger, Jacques** (138)- Biogenic Emission, Biological Origin, and Mode of Action of DMDS, a Natural Ubiquitous Fumigant.

POSTHARVEST:

Joyce, Peter (77)-

Methyl Bromide Scrubbing Technology.

Aung, Louis (139)-

Methyl Iodide/Heat on Postharvest Fruit Quality/Phytoxicity.

Brandl, David (140)-

Further Evaluation of Mating Disruption for Indianmeal Moth in Dried Beans.

Silhacek, Don (76)-

A Role of Glycerin Addition to Wheat Germ for Growth of Indianmeal Moth.

Structural:

Ren, YoungLin (141)-

Interaction of Ethanedinitrile (C_2N_2) with Contact Materials Used in Grain Storage.

Ren, YoungLin (142)-

Toxicity of Ethanedinitrile (C_2N_2) to Asian Longhorned Beetle Larvae.