

RESILIENT GROWERS

*Facing Challenges...
Leading Changes*



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**WSHA 105th Annual Meeting
NW Hort Expo/Trade Show
Wenatchee, Washington
December 7, 8, & 9, 2009**

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RESILIENT GROWERS

Facing Challenges... Leading Changes

A beautiful Indian summer surrounds us as I write this and the Galas are in the barn. We are pleasantly tired and looking forward to a new season of farming. We have hopes, goals and plans for a better year. We have found, however, that it takes far more effort than it ever has to sustain our growing operations and it has becoming increasingly complicated. Sometimes as growers, it seems that we are held a long arm's length from the final consumer and yet we are under the microscope for every horticultural practice that we use.



Laura Mrachek
WSHA Board President

Markets can change in a year or two and our perennial crops are not known for “quick market responsiveness.” We have seen in the past decade more weak links or broken cycles in our fruit industry and/or in global economies at so many different levels that we are constantly in a state of reaction or response. This all takes a lot of resources. The “bad” thing is that it happens to all of us and the “good” thing is that we are learning to work more effectively together. The alternative to an intelligent and resilient local response to these issues, in this global economy, is to fail...which we believe, in our heart of hearts, is not an option.

Sustaining our orchards economically, environmentally and politically involves a lot of good people headed in the right direction. We actually have armies of people working for us: horticulturists, packers and sorters; sales desks, marketing firms and exporters; scientists, commissions and technicians; trucks, trains, and planes; bankers, accountants and lawyers; associations, lobbyists and labor specialists; pickers, farm supervisors and crop protection consultants; and, the most important of all, our families. Our fruit dollars and our energy are spread thin. Our farms are the definition of the six-sigma lean model.

We orchardists are at the center of this hub of activity and we are as much a leader of this army as we are under the influence of it. The Washington State Horticultural Association recognizes that we need the tools to be “response-able” to a myriad of issues. The annual meeting program that we have created for you this year will be part of your “tool box” as we address all of the challenges of the new crop year. Your Hort association has a star-studded list of renowned speakers and important messages, new technology and critical assessments focused on giving you and your tree fruit growing family the opportunity to respond with resilience and competence.



Laura Laurent Mrachek
WSHA Board President

WASHINGTON STATE HORTICULTURAL ASSOCIATION

WSHA Mission Statement:

The Washington State Horticultural Association was organized in 1904 to advance the tree fruit industry by providing education and training programs to meet the changing needs of the industry. WSHA also serves as the advocate on issues affecting the tree fruit industry, particularly legislation and regulation.

Washington State Horticultural Association

PO Box 136 | Wenatchee, WA 98807

Phone: 509.665.9641 | Fax: 509.665.8541 | Web-site: www.wahort.org

Brochure published by **Good Fruit Grower** magazine

2009 ANNUAL MEETING PLANNING COMMITTEE

Jay Brunner, WSU-TFREC; **Bruce Grim**, WSHA; **Jim McFerson**, WTFRC; **Laura Mrachek**, Lucky Bohemian Farms; **Susan Pheasant**, WSHA

2009 ANNUAL MEETING SESSION MANAGERS

Gwen-Alyn Hoheisel, WSU – Cooperative Extension; **Tom Auvil**, WTFRC; **Jay Brunner**, WSU-TFREC; **Manuel García**, Conrad Orchards; **Bob Gix**, Blue Star Growers; **Bruce Grim**, WSHA; **Jim Halstrom**, WSHA Lobbyist; **Ines Hanrahan**, WTFRC; **Wendy Jones**, WSU-TFREC; **Nadine Lehrer**, WSU-TFREC; **West Mathison**, Stemilt Growers; **Jim McFerson**, WTFRC; **Laura Mrachek**, Lucky Bohemian Farms; **Susan Pheasant**, WSHA; **Tory Schmidt**, WTFRC; **Flor Servin**, WSDA; **Barbara Walkenhauer**, Larson Fruit

2009 WSHA BOARD OFFICERS

President Laura Mrachek, Wenatchee; **1st Vice President John Verbrugge**, Yakima; **2nd Vice President West Mathison**, Wenatchee; **Past President C. Mark Holtzinger**, Yakima

2009 WSHA BOARD OF DIRECTORS

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MEETING ETIQUETTE

- **Cell phones and beepers MUST be turned off in session rooms!**
- **Take conversations that are unrelated to the program outside of session rooms.**
- **Arrive on time to sessions and avoid entering/leaving session rooms while a speaker is presenting.**

SCHEDULE HIGHLIGHTS

Washington State Horticultural Association
105th Annual Meeting and NW Hort Expo/Trade Show
December 7, 8 & 9, 2009
Wenatchee Convention Center

Annual Meeting Sessions – Monday, Tuesday & Wednesday

NW Hort Expo/Trade Show – Monday, Tuesday & Wednesday

Latino Education Session – Tuesday

GRAS²P Training – Wednesday & Thursday

Annual Meeting Registration Hours

Sponsored by Pace International, Inc.

Wenatchee Convention Center Lobby

Monday & Tuesday: 7:00 a.m. – 5:00 p.m.

Wednesday: 7:30 a.m. – 12:00 Noon

Latino Education Registration Hours

Wenatchee Convention Center, Lobby

Tuesday: 7:30 a.m. – 10:00 a.m.

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NW Hort Expo/Trade Show Hours

Wenatchee Convention Center

Monday & Tuesday: 8:00 a.m. – 5:30 p.m.

Wednesday: 8:00 a.m. – 12:00 Noon

Poster Session

Wenatchee Convention Center, Upper Lobby

Monday & Tuesday: 8:00 a.m. – 5:00 p.m.

Tuesday Meet & Greet

with Presenters: 6:00 p.m. – 7:00 p.m.

Wednesday: 8:00 a.m. – 3:00 p.m.

WSHA Leadership Luncheon

Wenatchee Convention Center

Monday: 12:00 p.m. – 1:00 p.m.

WSHA Banquet

Wenatchee Convention Center

Tuesday: 6:00 p.m. – 9:00 p.m.

Pesticide Certification Credits

WA – OR – ID and CCU CEU's

Credits Requested

SUNDAY, DECEMBER 6

New Varieties and Rootstocks— 3:00 p.m. - 6:30 p.m.
Tree Fruit Breeding Programs & Commercialization

Session Manager: *Tom Auvil, WTFRC*

Location: *Grand Apple Ballroom, North*

- 3:00** Public Session to present Commercialization Plan and New Varieties and Rootstocks, WA Apple and Cherry Plant Improvement Program
- 4:30** Variety Showcase & Tasting Showing WSU Apple Breeding Program; New Varieties Entering Commercialization and Promising Advanced Selections

MONDAY, DECEMBER 7

Poster Session 8:00 a.m. - 5:00 p.m.

Session Sponsor: *Papé Material Handling*

Session Manager: *Nadine Lehrer, WSU-TFREC;*
Wendy Jones, WSU-TFREC

Location: *Performing Arts Center, Upper Lobby*

Resilient Growers 8:00 a.m. - 12:00 p.m.

Facing Challenges Leading Changes

Session Sponsor: *Valent USA*

Session Manager: *Laura Mrachek, Lucky Bohemian Farms*

Location: *Grand Apple Ballroom, South*

- 8:00** Welcome, *Laura Mrachek, Lucky Bohemian Farms, WSHA Board President*
- 8:10** National View On Our Ag Issues, *Senator Patty Murray*
- 8:40** How the New Economy Affects Agriculture, *Ed Seifried, Lafayette College*
- 9:30** The Original Lesson in Food Safety and the Rest of the Story, *David Theno, Gray Dog Partners, Inc.*
- 10:15** Focus On the Reality and Fantasy in Safe Food Production, *Jim Prevor, Perishable Pundit*
- 11:00** 30th Annual Batjer Address: "The Power of the Resilient Grower", *Glen Fahs, Cascade Employers Association*
- 11:45** Working Under the Influence: Resilient Growers Respond, *Laura Mrachek, Lucky Bohemian Farms*

WSHA Leadership Luncheon 12:00 Noon - 1:00 p.m.

Session Sponsor: *Cascade Analytical*

Co-Hosts: *Jim Halstrom, WSHA Lobbyist;*
Bruce Grim, WSHA

Location: *Grand Apple Ballroom, North*

- 12:00** Olympia's Horticultural Landscape for 2010, *Representative Frank Chopp, Speaker of the House*

Washington Apple Commission Nominations 1:00 p.m.

Location: *Grand Apple Ballroom, South*

- 1:00** Washington Apple Commission Nominations, *WSDA*



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Session Sponsors: *SmartFresh*

Session Manager: *Barbara Walkenhauer, Larson Fruit*

Location: *Grand Apple Ballroom, South*

- 1:15 Food Safety & Sustainability: WIIFM “What’s In It For Me,” (Panel):** *Moderator: Jim Prevor, Perishable Pundit, Panelists: Jonathan Kaplan, Natural Resources Defense Council; Eva Lauve, Stemilt Growers; Sean Gilbert, Gilbert Orchards; David Douglas, Douglas Fruit; David Theno, Gray Dog Partners, Inc.; Lori Riegert, WIC*
- 2:15 Industry Driven Pushback On Food Safety:**
Speaker TBD

Session Sponsors: *Northwest Farm Credit Services*

Session Manager: *West Mathison, Stemilt Growers*

Location: *Grand Apple Ballroom, South*

- 2:45 Creating A Different Outcome: Results of Industry Summit,** *Speaker, TBD*



- 3:05 Season Review of the Challenging 2009 NW Cherry Crop**, *B.J. Thurlby, Northwest Cherry Growers*
- 3:25 Lessons from the Rear View Mirror: The 2008 Apple and Pear Crops**, *Bruce Grim, The Marketing Associations*
- 3:45 Tree Fruit Trends**, *Jeff Fagg, Northwest Farm Credit Services*
- 4:05 Access to Capital in an Unsettled Time (Panel):**
Moderator: Ed Seifried, Lafayette College; Panelists: Jay Penick, Northwest Farm Credit Services; John McHugh, Rabobank International; Craig Tullis, US Bank

Monday Evening 5:30 p.m. - 6:30 p.m.

Washington Ag/Forestry Leadership Reception
Location: *Tastebuds Coffee & Wine*

Monday Evening 5:30 p.m. - 6:30 p.m.

Tree Fruit Travelogue –
An Italian Perspective On PGR's and Sustainability
Session Manager: *Laura Mrachek, Lucky Bohemian Farms*
Speakers: *Tory Schmidt, WTFRC; Curt Rom, University of Arkansas*
Location: *Grand Apple Ballroom, North*

Monday Evening 6:30 p.m.

Past Presidents' Dinner
Host: *Mark Holtzinger, WSHA Past President*
Location: *Tastebuds Coffee & Wine*

TUESDAY, DECEMBER 8

Poster Session 8:00 a.m. - 5:00 p.m.

Session Sponsor: *Papé Material Handling*
Session Manager: *Nadine Lehrer, WSU-TFREC; Wendy Jones, WSU-TFREC*
Location: *Performing Arts Center, Upper Lobby*

Crop Load Management 8:30 a.m. - 11:45 a.m.
Beyond Chemical Thinning

Session Sponsor: *Key Bank*
Co-Session Managers: *Tory Schmidt, WTFRC*
Location: *Grand Apple Ballroom, North*

ANNUAL MEETING PARTNERS

WSHA thanks our industry partners, who are instrumental in planning a successful and educational Annual Meeting.

- *Good Fruit Grower Magazine*
- *NCW Fieldman's Association*
 - *Ray's Audio Visual*
- *Washington State University*
- *Washington Tree Fruit Research Commission*
- *Washington State Department of Agriculture*

- 8:30** **Welcome**, *Tory Schmidt, WTFRC*
- 8:35** **Growers Are from Mars, Trees Are from Venus: Understanding Plant Behavior**, *Don Elfving, WSU-TFREC, Wenatchee*
- 9:00** **Apple Flower Initiation: Looking Into the Black Box**, *Peter Hirst, Purdue University*
- 9:25** **Pruning Strategies to Manage Cropping (Skyped In)**, *Craig Hornblow, AgFirst Consultants*
- 9:50** **Effect of Temperature on Apple Pollen Tube Growth: Implications for Bloom Thinning**, *Keith Yoder, Virginia Tech Ag Research & Extension Center*
- 10:20** **Mechanized Thinning: The US and NZ Experience**, *Craig Hornblow, AgFirst Consultants and Karen Lewis, WSU Grant & Adams Cooperative Extension*
- 10:40** **Supersize It! Apple Fruit Growth**, *Peter Hirst, Purdue University*
- 11:00** **Managing Crop Load in the Real World (Panel):**
Moderator: *Tory Schmidt, WTFRC*; **Panelists:** *Harold Ostenson, Stemilt Growers; Mike Robinson, Double Diamond; Kevin Larson, Roche Fruit; Brett Drescher, Auvil Fruit Company*

Sustainability: What Does It Look Like 8:30 a.m. - 11:30 a.m.

Concurrent Session

Session Sponsor: *Syngenta*



Session Manager: *Jay Brunner, WSU-TFREC*

Location: *Performing Arts Center, Lower Level*

- 8:30** **Introduction**, *Jay Brunner, WSU-TFREC*
- 8:40** **Sustainability Trends in the Agri-Food Sector: Impositions or Opportunities?** *Jeff Dlott, SureHarvest*
- 9:00** **Stewardship Index for Specialty Crops: A System for Measuring and Reporting Sustainable Performance in the Specialty Crop Sector**, *Jonathan Kaplan, National Resources Defense Council*
- 9:20** **Measuring Sustainability - IPM Pesticide Evaluation Tool**, *Tom Green, IPM Institute of North America, Inc.*
- 9:40** **Implications of 21st Century Climate Change on Water Supply**, *Julie Vano, UW-Civil Engineering - Climate Impact Group*
- 10:00** **Pesticides and Water Quality – the Impact of Insecticides on Fish and Fish Food**, *John Stark, WSU-Puyallup*
- 10:20** **Workplace and Community Health – Key Components of Sustainability**, *Rich Fenske, UW-School of Public Health*
- 10:40** **Dynamics and Assessment of Soil Health in Tree Fruit Production**, *George Bird, MSU-Department of Entomology*
- 11:00** **Question and Answers with Speaker (Panel):**
Moderator: *Jay Brunner, WSU-TFREC*; **Panelists:** *Jeff Dlott, SureHarvest; Julie Vano, UW Civil Engineering; Jonathan Kaplan – Natural Resources Defense Council; Tom Green, IPM Institute of North America, Inc.; George Bird, MSU Entomology; John Stark, WSU Puyallup; Rich Fenske, UW-School of Public Health*



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Session Sponsor: *Broetje Orchards*
 Co-Session Managers: *Flor Servin, WSDA;*
Manuel García, Conrad Orchards
 Location: *Grand Apple Ballroom, South*
 Credits Requested

- 8:00** **Welcome/Bienvenida**, *Laura Mracheck, Lucky Bohemian Farms, WSHA Board President*
- 8:15** **Program Presentation/Presentación del Programa**, *Flor Servin, WSDA; Manuel García, Conrad Orchards*
- 8:25** **First Things Come First: Review of Plant Physiology/ Primero Lo Primero: Repaso de Fisiología Vegetal**, *Leo Garcia, Wenatchee Valley College*
- 8:55** **Communication Issues in Agriculture: Alternatives and Solutions for an Effective Supervisor/Problemas de Comunicación en Agricultura: Alternativas y Soluciones Para un Supervisor Eficaz**, *Ofelio Borges, WSDA*
- 9:25** **Growing the Best Cherries for a Competitive Market/ Cultivando las Mejores Cerezas para un Mercado Competitivo**, *Tom Kunkel, Stemilt Growers*
- 9:50** **Break/Receso**
- 10:05** **Food Safety: A New Perspective/Seguridad Alimentaria: Una Nueva Perspectiva**, *Karina Gallardo, WSU-TFREC*
- 10:30** **The Power of Change: The Resilient Farmworker/ El Poder Del Cambio: El Trabajador Agrícola Frente a la Adversidad**, *Keynote Speaker: Alberto Vera, Radio Personality Brown Bear, Milagro Enterprises*
- 11:30** **ALMUERZO/LUNCH**

Session Sponsor: *Stemilt Ag Services*
 Co-Session Managers: *Flor Servin, WSDA;*
Manuel García, Conrad Orchards
 Location: *Grand Apple Ballroom, South*
 Credits Requested

- 12:30** **Do Your Relationships Sparkle Or Smolder/Y Sus Relaciones Personales, ¿Tienen un Brillo Duradero, o Son de las que Arden y Se Apagan?**, *Alberto Vera, Radio Personality Brown Bear, Milagro Enterprises*
- 1:30** **Promoting Leadership Among Hispanic Farmworkers/ Promoviendo Liderazgo Entre Trabajadores Agrícolas Hispanos**, *Manuel García, Conrad Orchards*
- 1:55** **Tree Fruit Crop Load Management/Manejo de Carga en Árboles Frutales**, *Felipe Castillo, WTFRC*
- 2:20** **Break/Receso**
- 2:45** **Respiratory Protection: Unsafe Practices & How to Avoid a False Sense of Security/ Protección Respiratoria: Prácticas Incorrectas y Cómo Evitar una Percepción Errónea de Seguridad**, *Eddie García, Sagemoor Farms*



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- 3:10 Creative and Practical Solutions for Pesticide Safety/ Soluciones y Prácticas Creativas Para El Uso Seguro de Pesticidas**, *Maria Tchung-French, PNW Agricultural Safety and Health Center*
- 4:30 Adjourn/Despedida**

Tools for Orchard Resiliency 1:30 p.m. - 5:00 p.m.

Concurrent Session

Session Sponsor: *SmartFresh*
Session Manager: *Susan Pheasant, WSHA*
Location: *Performing Arts Center, Lower Level*

- 1:30 Agile Agriculture and the Wal-Mart Influence**, *Curt Rom, University of Arkansas*
- 1:50 Produce Traceability Index**, *Elliot Grant, YottaMark*
- 2:10 Growing Information: Competing in the New Market**, *Pam Mitchell, SureHarvest*
- 2:30 Smart Tools Update**
- *Harvista & SmartFresh, Jim Mattheis, USDA-ARS*
 - *Cultural Practices Support Programs, Rob Koch, NRCS*
 - *GRAS²P, Susan Pheasant, WSHA*
- 3:15 Role of New Varieties in the Marketplace**, *Terry Bacon, Sun World International*
- 3:35 WA2: A New Apple From The WSU Apple Breeding Program**, *Bruce Barritt, WSU-TFREC; Kate Evans, WSU-TFREC; Brent Milne, McDougall & Sons*
- 3:55 Achieving Economic Resilience Through Genomics Research**, *Amit Dhingra, WSU*
- 4:30 The Future Part One**, *Speaker TBD*

Tree Fruit Technologies, Tools and Return on Investment 1:30 p.m. - 3:00 p.m.

Concurrent Session

Session Sponsor: *Dow AgroSciences*
Session Manager: *Jim McFerson, WTFRC*
Location: *Grand Apple Ballroom, North*

- 1:30 The Tree Fruit Technology Roadmap Pays Off**, *Jim McFerson, WTFRC*
- 1:45 WSU's Vision for Tree Fruit Research**, *Dan Bernardo, WSU CAHNRS*
- 2:00 WSU's Vision for Tree Fruit Extension**, *Randy Baldree, WSU Extension*
- 2:15 Tree Fruit Breeding in Washington: Technologies, Tools and Teams**, *Kate Evans, WSU-TFREC*
- 2:35 Crop Protection Technologies and Tools**, *Jay Brunner, WSU-TFREC; Nadine Lehrner, WSU-TFREC*

Tree Fruit Technologies, Tools and Return on Investment (continued) 3:00 p.m. - 5:00 p.m.

Session Sponsor: *Aweta Autoline*
Session Managers: *Jim McFerson, WTFRC*
Location: *Grand Apple Ballroom, North*
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WAEF is the charity of Washington's tree fruit industry dedicated to coordinating, promoting, and developing educational opportunities reflecting the values of tree fruit industry members.



Thank you!

Washington Apple
Education Foundation

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- 3:00** **Decision Aid Support Software (DAS) and Educational Programs**, *Vince Jones, WSU-TFREC; Ute Chambers, WSU-TFREC*
- 3:20** **Hardware Solutions to Tree Fruit Challenges**, *Qin Zhang, WSU-Prosser*
- 3:40** **Mechanizing Apple Harvest**, *Mike Miller, OXBO International Corp.*
- 3:55** **Updated Costs of Production and Technology Implementation**, *Karina Gallardo, WSU-TFREC*
- 4:15** **Where Is the ROI? (Panel): Moderator:** *Mykel Taylor, WSU-Pullman; Panelists:* *Bob Brammer, Crane & Crane Orchards; Dan Plath, Washington Fruit and Produce; Mike Robinson, Double Diamond Fruit; Dan Bernardo, WSU-CAHNRS; Jay Brunner, WSU-TFREC*

WSHA Banquet

6:00 p.m. - 9:00 p.m.

Banquet Sponsor: *Western Fruit Grower and DuPont Altacor*
Master of Ceremonies: *Paul Tvergyak*
Hors d'oeuvres Sponsor: *Wilbur Ellis*
Dessert Buffet Sponsor: *SmartFresh*
Wine Sponsor: *Saint Laurent Winery*
Location: *Grand Apple Ballroom, South*

- 6:00** Reception and WAEF Silent Auction
- 6:00** Connecting with Poster Presenters
- 7:00** Dinner, Awards & Entertainment

WEDNESDAY, DECEMBER 9

Poster Session

8:00 a.m. - 3:00 p.m.

Session Sponsor: *Papé Material Handling*
Session Manager: *Nadine Lehrer, WSU-TFREC; Wendy Jones, WSU-TFREC*
Location: *Performing Arts Center, Upper Lobby*

Organics

7:45 a.m. - 12:00 p.m.

Concurrent Session

Session Sponsor: *Northwest Wholesale*
Session Managers: *Ines Hanrahan, WTFRC*
Location: *Grand Apple Ballroom, South*

- 7:45** **The Future Part 2 - Sustainability**
- 8:30** **IPM Techniques for Organic Orchards**, *Andy Kahn, Northwest IPM Inc.*
- 9:00** **Crop Load Management in Organic Cherries**, *Tom Kunkel, Stemilt Growers*
- 9:25** **Strategies for Successful Mildew Control in Cherries**, *Tom Pitts, Cascade Ag Service*
- 9:50** **Managing Fireblight without Antibiotics**, *Ken Johnson, OSU*
- 10:15** **Organic Apple Storage: Solving the Puzzle**, *Jake Gutzwiler, Stemilt Growers*
- 10:40** **Storing Honeycrisp Apples Beyond Christmas**, *Ines Hanrahan, WTFRC*

- 11:00 Moving the Crop: Lessons Learned in 2008,**
Gene Loudon, Dovex Marketing
- 11:30 International Trade Update,** *Les Eklund, WSDA-
Organic Program*

Northwest Fruit Crops: Pears 7:45 a.m. - 10:30 a.m.

Concurrent Session

Session Sponsor: *G.S. Long Co., Inc.*
Session Manager: *Bob Gix, Blue Star Growers*
Location: *Grand Apple Ballroom, North*

- 7:45 The Future Part 2 - Sustainability**
- 8:30 Pear Export Issues: Pests, Pesticides, & Politics,**
Mike Willett, Northwest Hort Council
- 8:50 Plain Talk on Food Safety in Pears,** *Janet L. Anderberg,
Retired Public Health Advisor*
- 9:40 Possibilities and Time Scale for a Pear Breeding
Program,** *Kate Evans, WSU-TFREC*
- 10:05 Question & Answer (Panel): Moderator:** *Bob Gix,
Blue Star Growers; Panelists:* *Mike Willett, Northwest
Hort Council; Janet L. Anderberg, Retired Public Health
Advisor; Kate Evans, WSU-TFREC*

Northwest Fruit Crops: Cherries 10:30 a.m. - 12:30 p.m.

Session Sponsor: *Domex Superfresh Growers*
Session Manager: *Gwen Hoheisel, WSU - Cooperative Extension*
Location: *Grand Apple Ballroom, North*

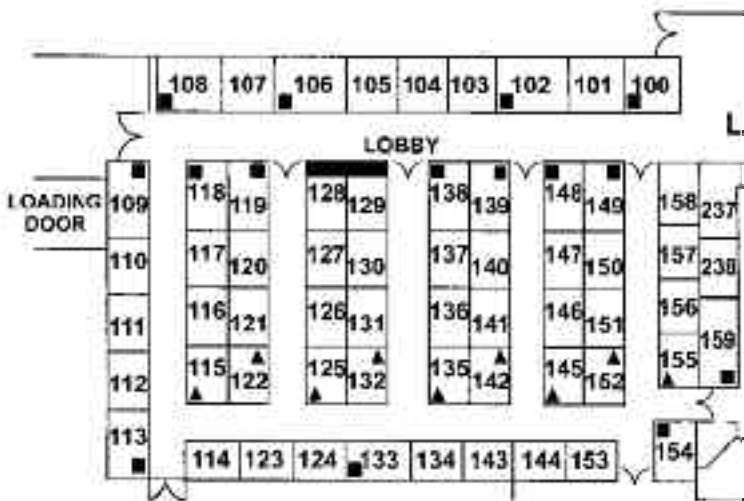
- 10:30 What Happened in 2009 and Where Do We Go in
2010 (Panel): Moderator:** *Gwen Hoheisel,
WSU-Cooperative Extension; Panelists:* *B.J. Thurlby,
Northwest Cherry Growers; John Gebbers, Gebbers
Farms; Denny Jones, Allan Brothers; Lee Gale, Northwest
Wholesale; Jim Doornink, Doornink Fruit Ranch*
- 11:00 Open Mike with Audience Participation**
- 11:15 Quality Starts with Genetics: Rootstock and Scion
Improvement,** *Tom Auvil, WTFRC; Nnadozie Oraguzie,
WSU-Prosser*
- 11:35 Engineering and Training Systems for Quality Fruit,**
Qin Zhang, WSU-Prosser
- 11:45 Harvest Timing Impacts on Fruit Quality and
Storability,** *Todd Einhorn, Oregon State University -
Hood River*
- 12:05 Sweet Cherry Consumer Demographics for 2009,**
*B.J. Thurlby, Washington State Fruit Commission;
Carolyn Ross, WSU*

State FFA Apple/Pear Judging 10:00 a.m. - 11:45 a.m.

Host: *Steve Tjarnberg, East Valley High School - Yakima*
Session Sponsor: *Washington Apple Education Foundation*
Location: *Wenatchee Red Lion, Columbia Room*

Award: *Apple judging overall winner will receive a \$1,000
Washington Apple Education Foundation scholarship*

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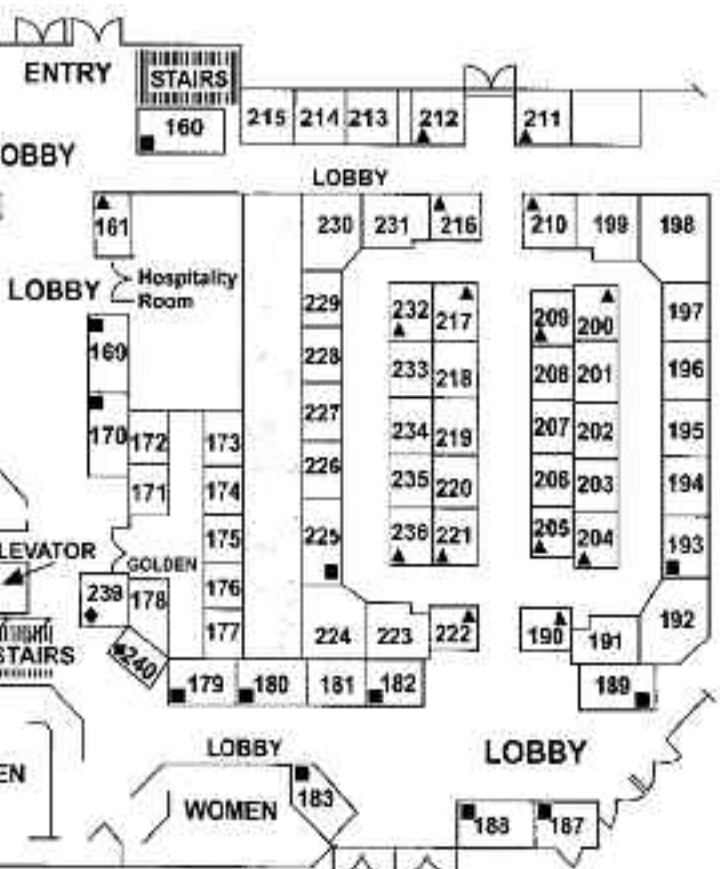


Northwest Hort Expo

Wenatchee Convention Center

The Wenatchee Convention Center, Lower Level

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Student Leadership Luncheon

12:00 noon - 1:00 p.m.

Session Sponsor: *Washington Apple Education Foundation*
Host: *Jennifer Witherbee, Washington Apple Education Foundation*
Speaker: *Jeff Cleveringa, Picker Technologies, LLC*
Location: *Wenatchee Red Lion, Columbia Room*

GRAS²P Training

1:00 p.m. - 5:00 p.m.

Session Sponsor: *Washington State Department of Agriculture
Specialty Crop Block Grant*

Session Manager: *Susan Pheasant*

Location: *Grand Apple Ballroom, South*

GRAS²P: Growers Response to Agricultural Safe and Sustainable Practices. GRAS²P is a Washington tree fruit industry grower-based effort for audit readiness, food safety operating procedures, establishment of standards for sustainable practices, and continued use of good agricultural practices in orchards. GRAS²P provides sound economic, environmental, and educational solutions to assure and sustain safe, quality Washington tree fruit production.

The three GRAS²P sessions provide the tools for the ABCD's of Food Safety and Sustainability:

- A- Audit Readiness
- B- Better Management Systems
- C- Crop Specific and Science Based Criteria
- D- Documentation Systems

Cost: *\$75 for all three sessions or \$30 per individual session plus \$50 for GRAS²P: Orchard Operations Guidance Manual for members of the Washington State Horticultural Association.*

1:00 GRAS²P 101 - USDA GAP: Documentation and In-Orchard Practices

- Accident Prevention Program
- Worker Health & Hygiene
- Analysis of Hazards
- EZ Audit Preparedness

THURSDAY, DECEMBER 10

GRAS²P Training

8:30 p.m. - 12:00 p.m.

Session Manager: *Susan Pheasant, WSHA*

Location: *Grand Apple Ballroom, South*

8:30 GRAS²P 102 - Sustainability Basics

- Crop Protection
- Soil Fertility
- Water Management
- Benchmarking
- EZ Audit Preparedness

GRAS²P Training

1:00 p.m. - 5:00 p.m.

Session Manager: *Susan Pheasant, WSHA*

Location: *Grand Apple Ballroom, South*

1:00 GRAS²P 103 - Global G.A.P.: Documentation and In-Orchard Practices

- All Farm Base
- Crop Base
- Fruits and Vegetables Base
- EZ Audit Preparedness



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