Welcome to the Third Annual Washington Small Fruit Conference

Each year we work to improve the conference. As always, we have researchers, farmers, and policy-makers presenting topics of new research, emerging issues, and novel ideas for you to take back to your farm and business. Topics covered include contentious issues of labor and water, pest and disease issues, and organic production.

New to the 2013 program, we have added a pre-license pesticide training session in the Fall Creek Nursery room. This session is open and applicable to anyone in the berry industry or others who may need a pesticide license. Topics presented will be valuable to those looking to take the pesticide license exam or for those looking to refresh their knowledge of good practices around pesticide use. This room will also host introductory sessions on insect, weed, and disease pest biology and management.

Again this year, we will feature a catered social hour following the program on Thursday. Many reasons to attend the 3rd annual Washington Small Fruit Conference. Hope to see you there!

Up to 11 WSDA pesticide credits available
### Thursday, December 5 — Agenda

<table>
<thead>
<tr>
<th>Whatcom Farmers Coop Room</th>
<th>TIME</th>
<th>Fall Creek Nursery Room</th>
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</thead>
<tbody>
<tr>
<td><strong>REGISTRATION</strong></td>
<td>7:00am</td>
<td><strong>REGISTRATION</strong></td>
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<tr>
<td><strong>Washington Blueberry Commission Annual Meeting</strong></td>
<td>7:30-8:45am</td>
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<tr>
<td><strong>State of the Washington Blueberry Industry</strong></td>
<td>7:30-10am</td>
<td>Pesticide Certification Training</td>
</tr>
<tr>
<td>Alan Schreiber, Washington Blueberry Commission</td>
<td>7:30-10am</td>
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<tr>
<td><strong>Explanation for the Unexpected Drop in Blueberry Yield in 2013</strong></td>
<td>7:30-10am</td>
<td>Licensing and Pesticide Label Basics</td>
</tr>
<tr>
<td>Mark Sweeney, BC Ministry of Agriculture</td>
<td>7:30-10am</td>
<td>Pesticide Label Exercise</td>
</tr>
<tr>
<td><strong>Grower Opportunities in Fresh Blueberry Production: 2014 and Beyond</strong></td>
<td>7:30-10am</td>
<td>Pesticide Hazards and Health</td>
</tr>
<tr>
<td>Peter Hill, Alpine Fresh</td>
<td>7:30-10am</td>
<td>Carrie Foss, WSU IPM Training Director</td>
</tr>
<tr>
<td><strong>Opening Address: Chris Benedict</strong></td>
<td>8:45am</td>
<td><strong>Pesticide certification training (continued)</strong></td>
</tr>
<tr>
<td><strong>State of Berry Markets Panel:</strong></td>
<td>8:50-9:30am</td>
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<tr>
<td>Stan Firestone, Firestone Pacific Foods</td>
<td>8:50-9:30am</td>
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<tr>
<td>Brad Rader, Rader Farms</td>
<td>8:50-9:30am</td>
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<tr>
<td>Dianne Klatt, Pacific Coast Fruit</td>
<td>8:50-9:30am</td>
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<tr>
<td><strong>Labor Issues in Washington State</strong></td>
<td>9:30-10am</td>
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<tr>
<td>United Stated Department of Labor</td>
<td>9:30-10am</td>
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<tr>
<td><strong>Coffee Break and Trade Show</strong></td>
<td>10-10:30am</td>
<td><strong>Coffee Break and Trade Show</strong></td>
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<tr>
<td><strong>Water: Quantity and Quality Issues Growers need to know</strong></td>
<td>10:30-noon</td>
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<tr>
<td><strong>Session Overview and Introduction to Water Supply Issues</strong></td>
<td>10:30-noon</td>
<td>Pesticide Certification Training</td>
</tr>
<tr>
<td>Sue Blake, WSU, Whatcom County Extension</td>
<td>10:30-noon</td>
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<tr>
<td><strong>State Water Rights – Finding Out What You Need to Know</strong></td>
<td>10:30-noon</td>
<td>Licensing and Pesticide Label Basics</td>
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<tr>
<td>Kasey Cykler, Washington State Department of Ecology</td>
<td>10:30-noon</td>
<td>Pesticide Label Exercise</td>
</tr>
<tr>
<td><strong>Federal Rights and Examples of Local Solutions Strategies</strong></td>
<td>10:30-noon</td>
<td>Pesticide Hazards and Health</td>
</tr>
<tr>
<td>Jim Bucknell, RH2 Engineers</td>
<td>10:30-noon</td>
<td>Using Pesticides Safely</td>
</tr>
<tr>
<td><strong>Update on Farmers Committee Actions</strong></td>
<td>10:30-noon</td>
<td>Carrie Foss, WSU IPM Training Director</td>
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<tr>
<td>Henry Bierlink, Ag District Coalition</td>
<td>10:30-noon</td>
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<tr>
<td><strong>Nutrient management in raspberry and blueberry - ways to optimize plant performance and minimize possible negative effects</strong></td>
<td>10:30-noon</td>
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<tr>
<td>Bernadine Strik, Oregon State University</td>
<td>10:30-noon</td>
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<tr>
<td><strong>Lunch Break and Trade Show</strong></td>
<td>noon-1pm</td>
<td><strong>Lunch Break and Trade Show</strong></td>
</tr>
<tr>
<td><strong>Organic Production</strong></td>
<td>1-2:40pm</td>
<td><strong>Pesticide Certification Training</strong></td>
</tr>
<tr>
<td><strong>Organic production systems for blueberry - what have we learned?</strong></td>
<td>1-2:40pm</td>
<td>10:30-noon</td>
</tr>
<tr>
<td>Bernadine Strik, Oregon State University</td>
<td>1-2:40pm</td>
<td>Licensing and Pesticide Label Basics</td>
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<tr>
<td><strong>Advances in organic control of spotted wing drosophila</strong></td>
<td>1-2:40pm</td>
<td>Pesticide Label Exercise</td>
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<tr>
<td>Alan Schreiber, Agriculture Development Group, Inc.</td>
<td>1-2:40pm</td>
<td>Pesticide Hazards and Health</td>
</tr>
<tr>
<td><strong>Tips on raising organic day neutral strawberries in the Northwest</strong></td>
<td>1-2:40pm</td>
<td>Using Pesticides Safely</td>
</tr>
<tr>
<td>Tom Walters, Walters Ag Research</td>
<td>1-2:40pm</td>
<td>Carrie Foss, WSU IPM Training Director</td>
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<tr>
<td><strong>Break and Trade Show</strong></td>
<td>2:40-3pm</td>
<td><strong>Break and Trade Show</strong></td>
</tr>
<tr>
<td><strong>Weed &amp; Vertebrate Pests and Blueberry Nutrition</strong></td>
<td>3-4:40pm</td>
<td>Berry Breeding (start at 3:10)</td>
</tr>
<tr>
<td><strong>The effect of blueberry cultivar and time of growing season on leaf tissue nutrient concentration: a progress report</strong></td>
<td>3-4:40pm</td>
<td>Update on berry genetics research in BC</td>
</tr>
<tr>
<td>Bernadine Strik, Oregon State University</td>
<td>3-4:40pm</td>
<td>Michael Dossett, Agriculture and Agri-Food Canada</td>
</tr>
<tr>
<td><strong>Weed Management Trials in Raspberry and Blueberry</strong></td>
<td>3-4:40pm</td>
<td>Berry Breeding at WSU Puyallup</td>
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<tr>
<td>Tim Miller, Weed Scientist, WSU Mt. Vernon</td>
<td>3-4:40pm</td>
<td>Patrick Moore, WSU Puyallup</td>
</tr>
<tr>
<td><strong>Weed Trials in Scottish Soft Fruit: What I Learned During My Sabbatical</strong></td>
<td>3-4:40pm</td>
<td>Berry Breeding In Oregon</td>
</tr>
<tr>
<td>Tim Miller, Weed Scientist, WSU Mt. Vernon</td>
<td>3-4:40pm</td>
<td>Chad Finn, USDA-ARS Corvallis</td>
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<tr>
<td><strong>Do Voles Damage Blueberry Crops? A Pilot Study</strong></td>
<td>3-4:40pm</td>
<td>On Farm Trials of Promising Caneberry Selections &amp; Varieties</td>
</tr>
<tr>
<td>Douglas Ransome, Fish, Wildlife, and Recreation Program, BCIT</td>
<td>3-4:40pm</td>
<td>Tom Peerbolt, Peerbolt Crop Management</td>
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<tr>
<td><strong>Deterring birds in blueberries: Testing three potential techniques</strong></td>
<td>3-4:40pm</td>
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<tr>
<td>Deanna Leigh, Western Washington University</td>
<td>3-4:40pm</td>
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<tr>
<td><strong>Catered Social Hour and Poster Session</strong></td>
<td>4:45-7pm</td>
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<tr>
<td>Sponsored event with snacks and refreshments. An opportunity for networking with farmers, researchers, and industry personnel. Poster presenters will be available to discuss their work.</td>
<td>4:45-7pm</td>
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</tbody>
</table>
### Friday, December 6 — Agenda

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<tr>
<th>Whatcom Farmers Coop Room</th>
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<tbody>
<tr>
<td>REGISTRATION</td>
<td>7am</td>
<td>REGISTRATION</td>
</tr>
<tr>
<td><strong>Raspberry Annual Meeting</strong></td>
<td>7:30am</td>
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<tr>
<td>Report on 2013 production, research projects, and marketing efforts</td>
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<tr>
<td>Discussion of 2014 Budget and Work plan</td>
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<tr>
<td>Report by Tom Krugman, Executive Director of the National Processed Raspberry Council</td>
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<tr>
<td>Discussion of the effect of changes to State Marketing Order</td>
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<tr>
<td><strong>Keynote: US Representative Suzan DelBene</strong></td>
<td>8:30-9:15am</td>
<td><strong>Introductory Plant Pathology (see below)</strong></td>
</tr>
<tr>
<td><strong>Insect Pest Management</strong></td>
<td>9:15-10:15am</td>
<td><strong>Introduction to Plant Disease Identification, Biology and Management in Berry Crops</strong></td>
</tr>
<tr>
<td><strong>Comparison between Airblast and mistigation for SWD control in mature blueberries</strong></td>
<td>Lynell Tanigoshi, WSU Mount Vernon</td>
<td><strong>Introductory Insect Management</strong></td>
</tr>
<tr>
<td><strong>SWD trap and bait evaluation for scouting</strong></td>
<td>Colleen Burrows, WSU Whatcom County Extension</td>
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<tr>
<td><strong>Management of Spider Mites in Red Raspberry</strong></td>
<td>Bev Gerdeman, WSU Mount Vernon</td>
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</tr>
<tr>
<td><strong>COFFEE BREAK AND TRADE SHOW</strong></td>
<td>10:15-10:30am</td>
<td><strong>COFFEE BREAK AND TRADE SHOW</strong></td>
</tr>
<tr>
<td><strong>Small Fruit Disease Management</strong></td>
<td>10:30-12:15</td>
<td><strong>Introductory Weed Management</strong></td>
</tr>
<tr>
<td><strong>Advances in control of grey mold in raspberry</strong></td>
<td>Alan Schreiber, Agriculture Development Group, Inc.</td>
<td><strong>Introduction to Weed Identification, Biology and Management in Berry Crops</strong></td>
</tr>
<tr>
<td><strong>First year results of Verticillium survey and red raspberry resistance screening</strong></td>
<td>Jerry Weiland, USDA ARS Corvallis, Patrick Moore, WSU Puyallup, Chris Benedict, WSU Whatcom County Extension</td>
<td><strong>How can we improve the efficacy of pre-plant soil borne pathogen and nematode management practices in perennial crops?</strong></td>
</tr>
<tr>
<td><strong>Heat Damage in Blueberries</strong></td>
<td>David Bryla, USDA-ARS Corvallis</td>
<td><strong>Mapping fumigation buffers: a new online tool</strong></td>
</tr>
<tr>
<td><strong>Purchasing and Using Unregistered Pesticides — How to Attract the Attention of Federal and State Regulatory Agencies</strong></td>
<td>Tom Hoffman, WSDA Pesticide Management Technical Assistant</td>
<td></td>
</tr>
<tr>
<td><strong>LUNCH AND TRADE SHOW</strong></td>
<td>12:15-1:15pm</td>
<td><strong>LUNCH AND TRADE SHOW</strong></td>
</tr>
<tr>
<td><strong>Below the Soil Surface</strong></td>
<td>1:15-3pm</td>
<td><strong>Introductory Weed Management</strong></td>
</tr>
<tr>
<td><strong>Evaluating soil health components, their relationship to red raspberry yield decline, and potential cultural management options.</strong></td>
<td>Chris Benedict, WSU Whatcom County Extension</td>
<td><strong>Introduction to Weed Identification, Biology and Management in Berry Crops</strong></td>
</tr>
<tr>
<td><strong>Bed Fumigation and other ways to live with the new EPA rules on soil fumigation</strong></td>
<td>Tom Walters, Walters Ag Research</td>
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<tr>
<td><strong>Pathogenicity and fungicide resistance of Phytophthora rubi isolates collected from western states raspberry</strong></td>
<td>Inga Zasada, USDA-ARS Corvallis</td>
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ADJOURN 3pm ADJOURN

Participants who attend sessions with the SWD logo are eligible to receive pesticide credits.
Registration information
2013 Washington Small Fruit Conference

Find more information and register online at:
http://whatcom.wsu.edu/ag/edu/sfc

<table>
<thead>
<tr>
<th>Registration Rates:</th>
<th>Rate before December 1, 2013</th>
<th>Rate after December 1, 2013</th>
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<tbody>
<tr>
<td>2-Day Conference Registration (includes lunch &amp; snacks both days plus catered social hour)</td>
<td>$95</td>
<td>$105</td>
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<tr>
<td>Thursday Conference Registration only (includes Thursday lunch &amp; snacks plus catered social hour)</td>
<td>$60</td>
<td>$70</td>
</tr>
<tr>
<td>Friday Conference Registration only (includes Friday lunch &amp; snacks)</td>
<td>$55</td>
<td>$65</td>
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Sponsorships, Trade Show Exhibit Space, and Program Advertising is available. See website for additional details.

Current major sponsors include:

![Sponsor Logos]

Event Location:
Northwest Washington Fairgrounds: 1775 Front Street, Lynden, WA
(event is in the horse arena at the south end of the fairgrounds)