

# Small Fruit Update



**Providing Northwest berry growers with the information they need when they need it.**

*The Small Fruit Update is sent out weekly during the growing season by [Peerbolt Crop Management](#) and is funded entirely by the Northwest berry growers and industry through their commissions and councils.*

**November 20, 2012**

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Video: [Fruit on food labels – Are you being misled?](#) (11/14, Today Show) Great story on the fake berries in a lot of processed products & the false advertising taking advantage of berry images & health claims—pretty outrageous.

- [Wet winter, dry summer predicted for PNW](#) (11/16, Capital Press)
- [Blueberry Council seeks assessment increase](#) (11/14, Capital Press)

[The Weather Cafe](#) by Rufus La Lone [Small Fruit Cold Storage Report](#)

## Regional Reports

*These reports are from individuals within the region and are their particular observations. They are included to give an impression of the present 'state of the industry' and regional activities.*

### British Columbia, Fraser Valley

- (Friday 11/16) Starting to prune blues here in the Fraser Valley. Copper going on as well. Got some raspberries pruned and tied as well. Last of the pre-plant fumigation work being done as long as soil temp and rain allows.

### Northern Washington, Whatcom County

- (Friday 11/16) Raspberry pruning, tying, copper sprays in full swing, some gypsum, lime, or Calprill being spread. Leaves still hanging on, so early tying will likely lead to more yellow rust next year. Blueberry pruning has started, followed by copper sprays for bacterial blight. Strawberries-nuthin.

### Northern Washington, Skagit County

- (Friday 11/16) Putting winter covers on the row covers or removing the plastic from high tunnels. Removed several acres of weed mat due to vole infestation in organic blues, material still in remarkable shape after 5 years use. Copper sprays going on blues, will start pruning after 1<sup>st</sup> of the new year. Some gypsum and sulfur going on, and lots of ditching before winter. Old raspberry field coming out.

## Disseminating information for:

### Washington

[Washington Red Raspberry Commission](#)  
[Washington Blueberry Commission](#)  
[Washington Strawberry Commission](#)

### Oregon

[Oregon Raspberry and Blackberry Commission](#)  
[Oregon Blueberry Commission](#)  
[Oregon Strawberry Commission](#)

### British Columbia

[Fraser Valley Strawberry Growers Association](#)  
[Raspberry Industry Development Council](#)  
[B.C. Blueberry Council](#)

### National

[North American Blueberry Council](#)

## Research/Grant Information

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**Production research granting sources: Requests for Proposal deadlines** *If your organization/commission has RFP information that needs distribution please let me know.* ([tom@peerbolt.com](mailto:tom@peerbolt.com))

- **December 1** — [Oregon Blueberry Commission](#) *This link also has the 2013 research priority list.*
- **December 10** — [Washington Blueberry Commission](#) *This link also has the 2013 research priority list.*
- **January 7** — [Oregon Raspberry and Blackberry Commission](#) *This link also has the 2013 research priority list.*
- **January 7** — [Oregon Strawberry Commission](#) *This link also has the 2013 research priority list.*

## 2012 plant sale totals

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*Thanks to Dr. Pat Moore, WSU raspberry and strawberry breeder, for compiling these figures. And thanks to the participating nurseries for sharing this information (Cedar Valley Nursery, Norcal Nursery, North American Plants, Northwest Plant Co., Nourse Farms, & Spooner Farms)*

[Raspberries](#)----[Blackberries](#)----[Black Raspberries](#)----[Strawberries](#)

## Industry News/Resources

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### Newsletters/ Berry Reports

- [Michigan State Extension Fruit Production News](#) (10/26)
- [The Source](#) (11/19) *Market reports from The Produce News*
- [National Berry Report](#) *A daily-updated fresh market statistics report on all berry types hosted and maintained by the California Strawberry Commission*

### Magazine compilations

- The Packer's Market scope: [blueberries](#) [blackberries](#) [raspberries](#) [strawberries](#)  
*Recent stories and fresh market pricing for the various berries from The Packer.*
- Growing Produce: [recent berry articles](#)

### Berry Research Blogs

- [Strawberries and Caneberries blog](#) by Mark Bolda, UC Davis Berry Extension Agent. **Recent entry: 11/11—A perspective on the prospects of Ag labor on the central Cal coast in 2013** *Reports on recent insect and disease research and observations in California.*
- [Team Rubus](#) by Gina Fernandez, North Carolina State Small Fruit Specialist. **Recent entry: 11/12—Emergence of blackberry as a world crop** *Reports on issues in blackberries and raspberries from the Southeast.*

### Immigration/ Agricultural Labor

- [Immigration reform advocates say time is now](#) (11/15, Yakima Herald)
- [A perspective on the prospects of Ag labor on the central Cal. Coast in 2013](#) (11/11, Mark Bolda blog, UC Extension)

### Technology

- [Using virtual weather data for precision forecasting](#) (11/14, Western Farm Press)

### Marketing

- [Frozen foods go head-to-head with 'fresh'](#) (11/7, Marketing Daily)

### Food Safety

- [PrimusLabs program designed for smaller growers](#) (11/15, The Packer)
- [Most produce samples have no detectable pesticide residues](#) (11/7, Growing Produce)

### Research/Breeding

- [New blueberries gain interest](#) (11/13, Growing Produce)

### Farm/Food Politics

- [Farm bill still has a shot](#) (11/15, Politico)
- [Election outcome may spur food safety changes](#) (11/7, The Packer)

## West

- [Ag Stations experiment with funding from outside sources](#) (11/15, Capital Press)
- [Study shows organic industry clustering in certain areas](#) (11/8, Capital Press)

## North America

- [Berries can be profitable in Texas, if managed right](#) (11/15, The Grower)
- [Berry growers to gather in Oregon](#) (11/14, Growing Produce)
- [Canadian wild blueberry industry taking on the world](#) (11/16, Ag Annex)

## International

- [China holds market promise for Chile and Latin America](#) (11/16, Fresh Fruit Portal)
- (Chile) [Promotable volumes expected for Chilean blueberries](#) (11/9, The Packer)
- (Mexico) [Mexico to avoid plant imports from the U.S.](#) (11/6, Fresh Plaza)
- (Chile) [Opening up new blueberry markets](#) (11/14, Fresh Plaza)
- [North Bay Produce opens new U.S. distribution point](#) (11/16, Fresh Fruit Portal)
- Chile) [Strawberry losses 'very high' for Organic Fruits Chile](#) (11/15, Fresh Fruit Portal)
- [Biodegradable fungicide in the works for the Chilean fruit industry](#) (11/19, Fresh Fruit Portal)

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## Event Calendar

For more comprehensive event calendar, [click here](#).

- **New posting: November 23—BC Blueberry Council** ~ 1-3 pm, Legacy Sports Centre Banquet room, Abbotsford. [Click here](#) for the agenda and location details.
- **November 29-30—Northwest Center for Small Fruits Research Annual Conference** ~ Kennewick, WA, [Click here](#) for the conference web page.
- **December 4-6—Great Lakes Expo** ~ Grand Rapids, Michigan. [Click here](#) for details.
- **December 6—Washington Red Raspberry Commission** ~ in Lynden. For more details, call (360) 354-8767 or [email](#) Henry Bierlink.
- **December 6-7—Washington Small Fruit Conference** ~ Lynden, WA. [Click here](#) for information.
- **December 10-12—2012 Far West Agribusiness Winter Conference** ~ Pasco, WA, [Click here](#) for the conference web page.
- **December 11—Washington Strawberry Commission meeting** ~ 11 am WSU Research and Extension, Puyallup, WA. For more information [email Walter Swenson](#).
- **New posting: December 12—OSU Blueberry Pruning Workshop** ~ 9-4, North Willamette Research & Extension Center, Aurora, OR. [Click here](#) for the agenda and registration information.
- **December 13—Oregon Raspberry and Blackberry Commission Annual meeting** ~ 8:30-1:30, Wellspring Medical Center, Woodburn, OR. Call 541-758-4043 or [email Philip Gutt](#) for more information.
- **December 18—Blueberry IPM Systems and Best Management Practices** ~ 8:30-noon, Wellspring Medical Center, Woodburn, OR. [Click here](#) for the agenda/registration information.

## 2013

- **January 7 and 8—Annual Pacific Northwest Insect Management Conference** ~ Hilton Hotel, Downtown Portland. [Click here](#) for the details.
- **January 7 —Oregon Blueberry Commission meeting and research updates** ~ 8-3, Room 202 A and B, 4001 Winema Place, Chemeteka Community College, Salem, OR. Call (503) 364-2944 for more information or [email](#) Bryan Ostlund.
  - **8-10:30 am - Research Project Updates**  
*Note: These are committee/commission research updates not the final reports. Final research reports will be given at the annual Oregon Blueberry Commission's Conference on 1/29 (see calendar item below). While these are open to the public and all are welcome, due to time constraints the Q and A time will be limited.*
  - **10:30-noon- OBC Committee meetings.**

- Noon -3 Regular commission meeting.
- **New posting: January 10 - 13—Southeast Regional Fruit and Vegetable Conference** ~ Savannah, Georgia, [Click here](#) for more information.
- **January 17—North Willamette Hort Society Berry Day** ~ Clackamas County Fairgrounds, Canby, OR. Details TBA.
- **January 24 – 26—Pacific Agriculture Show and Horticulture Growers' Short Course** ~ Tradex Exhibition Center (Abbotsford Airport), Abbotsford, BC. [Click here](#) for agenda and registration information.
- **January 28-30—NARBA/NASGA Joint Annual Conference** ~ A day-long tour on Monday, January 28, followed by two days of educational sessions and networking. The host hotel is the Double Tree Hilton, Portland (room rate \$79/night). [Click here](#) for more information.
- **January 29—Oregon Blueberry Commission's 2013 Blueberry Conference** ~ Double Tree Hilton, Portland. [Click here](#) for the details.
- **January 29-31—Annual Northwest Agricultural Show** ~ Portland Expo Center, Portland. [Click here](#) for details.
- **January 31—Oregon Hort Society's Caneberry Seminar** ~ Portland Expo Center, Portland. Details will be coming soon. For information, contact Tom Peerbolt ([tom@peerbolt.com](mailto:tom@peerbolt.com), 503-289-7287)
- **February 5 — Oregon Strawberry Commission** ~ Noon at Landon Farms. For more details call (541) 758- 4043 or [email](#) Philip Gutt.
- **February 20 — Oregon Strawberry Commission Annual Growers meeting** ~ Time TBA, North Willamette Research & Extension Center, Aurora, OR. For more details call (541) 758- 4043 or [email](#) Philip Gutt.
- **February 27 —8th Annual ORBC Production Workshop for Commercial Raspberry and Blackberry Growers**~ 8:30am - 3:30pm at the Wellspring Conference Center, 1475 Mt. Hood Ave., Woodburn, OR. For more information, call the Peerbolt Crop Management office (503)289-7287 or [email Tom Peerbolt](#).
- **March 12 —Oregon Blueberry Commission** ~ Noon (budget preparation) at [Chemeteka Community College](#), Chemeketa Events at Winema, building 48, rooms 202 A and B. For more details call (503) 364-2944 or email [Lisa Ostlund](#).
- **April 23 —Oregon Blueberry Commission** ~ Noon (budget hearing) at [Chemeteka Community College](#), Chemeketa Events at Winema, building 48, rooms 202 A and B. For more details call (503) 364-2944 or email [Lisa Ostlund](#).

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## **U.S. Berry Registrations in 2012/2011**

*The following information comes from Joe DeFrancesco, OSU Pesticide specialist. Joe is the IR-4 program lead for Oregon berry crop and does a great service for our industry by advocating/communicating for us with the appropriate public agencies and keeping us well informed on these critical, ever changing issues.*

### [Pesticide Registrations in Oregon and Washington Berry Crops](#) (11/15/12)

*This is Joe's most recent listing of the major berry chemical registrations.*

#### **MOCAP EC (Ethoprop) Non bearing blueberries, Oregon SLN label**

- Nematicide-insecticide
- Label issued November 13, 2012
- Symphylans control is major reason for pursuing & receiving this label
- Good through 12/31, 2017. Then needs to be re-applied for
- Pre-plant preferred application method
- Post-plant directions include application through subsurface drip irrigation systems with pressure compensating emitters
- 140 foot buffer from water bodies must be maintained

#### **Matrix (rimsulfuron) Blueberries & Caneberries**

- Supplemental label issued March, 2012

- Pre & post-emergence herbicide
  - Absorbed through roots, shoots and leaves
  - Controls broadleaf and grass weeds.
  - Good post-emergence activity on quackgrass
- HRG #2 ( same as Sandea in blueberry)
- PHI 21 days; REI 12 hours
- *Note: Take care when applied after budbreak*

#### **Quash (metconazole) Blueberries**

- Label issued March, 2012
- Fungicide for mummyberry control
  - Label also lists: Alternaria, anthracnose, botrytis, phomopsis, & other diseases.
- Blueberries appear on a supplemental label
- FRAC #3 (it's a triazole as is Indar, Orbit/Tilt, et al)
- PHI 7 days, REI 12 hours

#### **Kanemite (acequinocyl) Caneberries**

- Miticide for control of Twospotted Spider mites
- Supplemental label issued July 2012
- IRAC # 20B---new class for caneberries
- Controls all life stages (adults, nymphs, eggs)
- PHI 1 day; REI 12 hours

#### **Ridomil Gold SL (mefenoxam) Blackberries**

- Fungicide for control of Phytophthora root rot
- Label issued March, 2012
  - Old label included only raspberries
- IRAC #4
- PHI 45 days; REI 48 hours

#### **Mettle (tetraconazole) Strawberries**

- Fungicide—controls powdery mildew
- Label issued January, 2012
- PHI 0 days; REI 12 hours

#### **Fontelis (penithiopyrad) Strawberries**

- Fungicide for control of anthracnose, botrytis, leaf spot, powdery mildew
- Label issued April, 2012
- FRAC # 3 & 9
  - Mettle, Procure, Rally are FRAC #3; Switch is FRAC #9
  - Be mindful of rotating chemistries
- PHI 0 days, REI 12 hours

#### **Inspire Super (difenoconazole & cyprodinil) Strawberries**

- Fungicide for control of botrytis, powdery mildew
- Label issued March, 2012
- FRAC # 7 (Pristine, a combination product in wide usage, is FRAC classes #7 & #11)
- PHI 0 days, REI 12 hours

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## 2011 Registrations

### Dual Magnum (s-metlachlor) Blueberries & Caneberries

- Oregon SLN registration (#OR-110005)
- Pre-emergence herbicide
  - Controls many broadleaf and grass weeds.
  - Especially effective on yellow nutsedge
- HRG #15 ( same as Devrinol)
- PHI 28 days; REI 24 hours

### Select Max & Arrow (Clethodim) Blueberries & Caneberries

- Post-emergence herbicide
  - Controls most annual and perennial grasses
  - Especially effective on annual bluegrass
- HRG #1 ( same as Poast)
- PHI 7 days (cane) or 14 days (blue); REI 24 hours

### Sandea (halosulfuron) Blueberries

- Pre & post-emergence herbicide
  - Absorbed through roots, shoots and leaves
  - Controls most broadleaf weeds.
  - Especially good post-emergence on yellow nutsedge.
- HRG #2 (same as Matrix)
- PHI 14 days; REI 12 hours
- **Note:** *Caneberry registration is pending*

### Callisto (mesotrione) Caneberries

- Pre & post-emergence herbicide
  - Controls many broadleaf weeds.
  - Even when applied to the soil before primocane emergence, primocanes will emerge discolored (white) but they grow out of it.
- HRG #27 (new chemistry for caneberries)
- Apply pre-bloom only; REI 12 hours

### Spartan (Sulfentrazone) Strawberry

- Pre-emergence broadleaf weed control
- This is a permanent (supplemental) label that replaces the Section 18 label that we'd gotten for the past 11 years.
- In addition to the federal label there is an Special Local Needs label (24c) issued for WA & OR.
- The SLN label is recommended to use in that it has three use periods allowed: 1) pre-plant/at planting; 2) after renovation; 3) dormancy.
- **Note:** *All the work has been done for a Goal registration (it's 'pending') but all are stuck at EPA)*

### Altacor (chlorantraniliprole) Blueberry

- Insecticide
- Controls larval stage of most lepidopteran insects (leafrollers, winter moth, Raspberry Crown Borer)
- IRAC #28 (new for blueberries)
- PHI 1 day; REI 4 hours

### Coragen (chlorantraniliprole) Strawberries

- Insecticide
- Controls larval stage of most lepidopteran insects (Armyworm, loopers, etc)
- IRAC #28 (new for strawberries)

- PHI 1 day; REI 4 hours

### **Synapse (flubendiamide) Strawberries**

- Insecticide
- Controls larval stage of most lepidopteran insects (Armyworm, loopers, cutworms, etc)
- IRAC #28 (Same as Coragen)
- PHI 1 day; REI 12 hours

### **Zeal (etoxazole) Caneberries**

- Miticide for control of Twospotted spider mites
- IRAC #10B (new class for caneberries although Savey (#10A) is close)
- Controls immature mites & mite eggs (not overly effective on adult mites)
- PHI 0 days; REI 12 hours

### **Ridomil Gold Copper (mefenoxam + copper hydroxide) Caneberries**

- Fungicide for control of downy mildew & other foliar diseases
- IRAC #4 (mefenoxam) New chemistry for caneberries
- Foliar applied only
- Contains 5% mefenoxam
  - Ridomil Gold SL for phytophthora root rot control contains 45%
- PHI 0 days; REI 48 hours

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## **Archived Small Fruit Updates**

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(For older Updates [click here.](#))

[11-08-12](#)      [10-25-12](#)      [10-03-12](#)

This document is a guide and not intended as a recommendation or endorsement.  
Consult with your supplier, field representative, or pest consultant.