



August 2014

UPCOMING EVENTS

Nut Growers Society Summer Tour & Equipment Trade Show

Wednesday, August 6th
Northwest Hazelnut Company, Hubbard
Parking available at OVS Aurora

Clackamas County Fair

August 12th - 17th
Clackamas County Fairgrounds

Farwest Show

August 21st - 23rd
Oregon Convention Center

OVS Hazelnut Harvester Clinic

Friday, September 5th
OVS Aurora

OVS Container Recycling Day

Saturday, September 27th
OVS McMinnville



See What Sets OVS Apart
at the NGS Summer Tour on 8/6!

Custom Blend Fertilizers

Grower Supplies

Harvest Bins

Sprayers

Harvesters & Sweepers

Porter Orchard Boss Tractor

Nut Carts

Levelers & Scrapers
and more!

Grape Disease Management as Veraison Approaches

Although the wine grape growing season is off to a great start we do have a way to go before harvest. Of continuing concern is the risk of powdery mildew infection. Despite the high temperatures we've recently experienced in the Willamette Valley, the periodic thunderstorms and rains have instigated a certain number of infections in vineyards throughout the region. Another contributing factor to disease pressure is the status of our canopy management. The warm temperatures, along with labor shortages, have left many canopies a little "hairy" and at risk of mildew infection. As always prevention is the best cure.



Rotating between classes of systemic and translaminar chemistries is an effective way to help protect your vines and prevent mildew infections from occurring during the growing season. Apply labeled rates and resist the temptation to stretch your spray intervals. Tank mixes incorporating such products as biological fungicides (Regalia, Actinovate, Sonata and Serenade Optimum) are a great resistance management tool to integrate into your program. Strategic use of sulfur is also important. Utilizing all of these practices helps to preserve the utility of our powdery mildew toolbox. Even when adhering to all of the above, sometimes we end up with disease issues. There are a number of eradicated chemistries available for growers to use, these include:

1. *ArmiCarb O/Kaligreen/Milstop (potassium bicarbonate)*
2. *Oxidate (Hydrogen Peroxide, Peroxyacetic Acid)*
3. *Cinnerate (Cinnamon Oil)*
4. *Pure Spray Oil*

Potassium bicarbonate based products are good eradicated. However due to their relatively high pH we do not recommend they be tank mixed w/ strobilurin chemistries as that class of chemistry is suspect to alkaline hydrolysis. We also urge growers to restrict use of these products after veraison as they can damage the waxy, protective cuticular layer of the berries surface, leaving the fruit more susceptible to desiccation.

Cinnerate has a pH of 5.5, which makes it the most "tank-mix friendly" of the three options. Our experience of last year and this year to date has shown that it is a good eradicated. Oxidate has a pH of 1.33. It oxidizes and kills on contact, but because it is such a strong oxidizer we recommend that it be applied separately.

Cultural management and a strategic spray program will play an important role in maintaining a clean, healthy vineyard; but also remember you have these tools available in your arsenal to attack any infections that manage to slip through.

Nick Arnold - OVS Agronomics



Growing Next Year's Berries Starts Now



After harvest is done many growers want to take a breather before thinking about next year's fruit, but most plants want to keep on working. During this period, plants develop buds, grow roots and store nutrients for spring growth. Berries and grapes (which are technically berries too) run on nutrient reserves from the previous year for early growth in the spring. Understanding the timing and needs of plants during these processes can help us optimize plant performance every year.

Many plants initiate their fruit buds for next year in the late summer or fall of the preceding year. This is no exception with blueberries and caneberries. Floral bud initiation in blueberries can begin as early as late July and progresses through autumn depending on variety. Floral bud initiation in caneberries is later, September for erect blackberries and October for trailing types. Bud differentiation is influenced by sun exposure in addition to adequate nutrition. The most important nutrients for bud development include N, P, K, Zn, and B.

All berries will put on a post-harvest flush of root growth. In blueberries, root flush starts in late August and continues until soil temperatures decrease (usually late October); root growth is similar in caneberries. Nutrients important to root growth include P, K, B, Zn and Ca. In addition, phosphite-based fertilizers like Actagro Resist will help promote healthy root growth and resistance to root rot as the new root grows. It is important not to fertilize too heavily with nitrogen during this period as it may lead to poor fruit bud set and vegetative growth that could be susceptible to winter damage.

To support these physiological changes in the berry plant, OVS has developed post-harvest foliar and soil applied fertilizer blends that when used in combination will promote healthy root and bud development, as well as prepare the plant for winter dormancy. Talk to an OVS agronomist for recommendations on timings for these important applications.

Corin Pease - OVS Agronomics

No Freight Charges on Kubota Parts Orders?

Add your Parts order to OVS' weekly stock order, placed every Wednesday, and pay **NO FREIGHT CHARGES!**

Orders submitted after 11am will be added to the following week's order. Parts received in 5-7 days



Offer valid on Kubota orders only

EQUIPMENT CORNER



Kubota L3240 DT-3 (SN 70353)
Gear Trans, 14.9 x 24 ag tires, mid-mount hydraulic valve shuttle shift
Rental Return \$14,875
after \$1,500 rebate



Used Weiss McNair 824 Harvester
Completely overhauled by OVS Service Dept.
Perfect machine for the small hazelnut grower
Sale Price - \$8,200



Kubota RTV-X900WL-H (SN 17363)
Utility Vehicle w/ canopy, bed liner, ATV tires
List Price \$15,070
OVS Price - \$13,200

**Annual order of Weiss McNair nut harvesters and sweepers beginning to arrive.
Get yours while we still have a good inventory!**

For more information, contact the OVS Equipment Sales Team - 800-653-2216