

## **News** from **Peerbolt Crop Management**

Seasonal updates sent out weekly during the growing season, and sporadically when we have news to share during the off-season.

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We've added quite a few people to this list so we'd just like to repeat our ground rules—since this is going out to many sources, we're going to keep recommendations broad in most cases rather than comprehensive---more like informal reminders. If you want specifics on anything, call Tom. Also, if you have something you'd like to share with others in this *News* form, let us know and we'll try to get it out in an upcoming issue.

**Mummyberry information:** This is a quick explanation of mummyberry's lifecycle to help you plan your sprays. The overwintering mummyberries send up a mushroom like fruiting cup at this time of year. It releases the spores that land on the new vegetative growth infecting it. The new growth is susceptible from budbreak to about two inches long. Orbit (in Washington), Indar (in Oregon) or Funginex (if you've got left over stock) need to be on that new growth when the spores land to control this stage. Next, about three weeks after a shoot is infected it will produce a secondary spore release, which then infects the blossoms. This second infection produces the hard "mummyberries" that drop to the ground and release spores the next year. To stop this secondary stage, the blossoms need to have a fungicide present. So, space out the three applications of Orbit allowed giving maximal coverage from budbreak to the end of bloom (I know—tough to do, but try to allow 10-14 days between applications). Captan applications during bloom also aid in controlling the disease.

### **Crops:**

**Raspberries:** 1) Apply delayed dormant lime sulfur application only if new growth is under 1 inch. Add oil for some mite control. Skip it if growth is longer than 1 inch.

2) Caneburn when new primocanes are 3-4" tall.

**Blueberries:** Apply Orbit (in Washington) for Mummyberry control. Repeat in 10-14 days.

**Evergreen Blackberries:** Apply lime sulfur for red berry mite control when lateral growth reaches 2-6" long.

**All crops:** 1) Apply fertilizer. Formulation should be determined by soil test.

2) Spot treat existing weeds.

**Chemical Updates:** 1) **Enquik** is no longer labeled for caneburning. 2) **Funginex** can still be used in place of **Orbit** for mummyberry control if you have left over stocks. Use **Indar** for mummyberry control in Oregon.

**Insect/monitoring update:** Just a few orange tortrix are being picked up at the Aurora North Willamette Research Station, the WSU Vancouver Station and Sauvie Island. Some of the adults appear pretty worn and I suspect they might have overwintered as adults.

**Disease Monitoring:** I have found mummyberry spore cups that have opened in a blueberry field in the Ridgefield and Woodland areas.

**Week's Weather Outlook:** More of the same. Looks like a dry weekend before rain moves in on Monday. Showers throughout next week. Highs around 60. Lows around 40.