

**From:** Rose Kachadoorian [rkachadoorian@oda.state.or.us](mailto:rkachadoorian@oda.state.or.us)  
**Subject:** Chlorpyrifos (Vaughn Walton): Best OSU Person: Hazelnut-Pacific flatheaded borer  
**Date:** April 9, 2020 at 8:36 AM  
**To:** Stephanie A Page [spage@oda.state.or.us](mailto:spage@oda.state.or.us)

Begin forwarded message:

**From:** "Walton, Vaughn" <[Vaughn.Walton@oregonstate.edu](mailto:Vaughn.Walton@oregonstate.edu)>  
**Subject:** Re: Best OSU Person: Hazelnut-Pacific flatheaded borer  
**Date:** March 26, 2020 at 5:23:33 PM PDT  
**To:** Rose Kachadoorian <[rkachadoorian@oda.state.or.us](mailto:rkachadoorian@oda.state.or.us)>, "Wiman, Nik" <[Nik.Wiman@oregonstate.edu](mailto:Nik.Wiman@oregonstate.edu)>, "Miller, Betsy" <[Betsy.Miller@oregonstate.edu](mailto:Betsy.Miller@oregonstate.edu)>  
**Cc:** "Murray, Katie" <[Katie.Murray@oregonstate.edu](mailto:Katie.Murray@oregonstate.edu)>

Hi Rose

Nik Wiman is the expert on Flatheaded borer research. His work was very detailed showing the most effective insecticides.

Betsy Miller and I have mostly been working on Filbertworm and aphids in the past. [To the best of my knowledge growers have not used this compound often in the last 14 years that I have worked on Hazelnut IPM.](#) This is however a very important compound that could help growers survive crisis situations, such as when new pests arrive. We are very worried, among others, about Spotted Lantern Fly and BMSB is becoming an increasingly problematic insect.

For these reasons, I believe that our growers and industry would be severely hampered in dealing with possible future crises, as seems to be happening with increasing frequency.

I hope this information helps.

Vaughn

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**From:** Rose Kachadoorian <[rkachadoorian@oda.state.or.us](mailto:rkachadoorian@oda.state.or.us)>  
**Sent:** Thursday, March 26, 2020 4:58 PM  
**To:** Wiman, Nik <[Nik.Wiman@oregonstate.edu](mailto:Nik.Wiman@oregonstate.edu)>; Walton, Vaughn <[Vaughn.Walton@oregonstate.edu](mailto:Vaughn.Walton@oregonstate.edu)>; Miller, Betsy <[Betsy.Miller@oregonstate.edu](mailto:Betsy.Miller@oregonstate.edu)>  
**Cc:** Murray, Katie <[Katie.Murray@oregonstate.edu](mailto:Katie.Murray@oregonstate.edu)>  
**Subject:** Best OSU Person: Hazelnut-Pacific flatheaded borer

I hope that you are all healthy, and doing relatively well.

As you know, there is a chlorpyrifos workgroup that has been meeting. There are some proposals to ban chlorpyrifos use, and/or possibly limited certain types of applications. As with everything in life, there is a diversity of thought and opinion.

I need some assistance, and I am hoping that you are able to help.

I have four questions:

- (1) when would someone would typically treat for Pacific flatheaded borer or other borer of importance,
- (2) what type of application equipment is used,
- (3) are the trees typically non-bearing,
- (4) what are some of the alternatives under review.

Thank you

Rose Kachadoorian  
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Begin forwarded message:

**From:** Katie Murray <[murrakma@oregonstate.edu](mailto:murrakma@oregonstate.edu)>  
**Subject:** Re: Best OSU Person: Hazelnut-Pacific flatheaded borer  
**Date:** March 19, 2020 at 11:49:42 AM PDT  
**To:** Rose Kachadoorian <[rkachadoorian@oda.state.or.us](mailto:rkachadoorian@oda.state.or.us)>

Hello Rose,

I would recommend contacting Vaughn Walton, Nik Wiman, or Betsy Miller at OSU for these specific questions. Email addresses below.

Hope you are staying well!

Warmly,  
 Katie

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On Mar 18, 2020, at 1:59 PM, Rose Kachadoorian <[rkachadoorian@oda.state.or.us](mailto:rkachadoorian@oda.state.or.us)> wrote:

Hi Katie,

I hope that you are doing well, considering the global situation.

I was just on a call for "FDA Coronavirus Disease 2019 (COVID-19) Briefing for Foods Stakeholders". The call will be posted online, [https://www.fda.gov/food/workshops-meetings-webinars-food-and-dietary-supplements/fda-briefing-foods-stakeholders-coronavirus-disease-2019-covid-19-03182020-03182020?utm\\_campaign=FSMA\\_COVIDcall\\_03172020&utm\\_medium=email&utm\\_source=Eloqua](https://www.fda.gov/food/workshops-meetings-webinars-food-and-dietary-supplements/fda-briefing-foods-stakeholders-coronavirus-disease-2019-covid-19-03182020-03182020?utm_campaign=FSMA_COVIDcall_03172020&utm_medium=email&utm_source=Eloqua)

I real reason that I am writing to you because your name is on the document that can found at, <https://catalog.extension.oregonstate.edu/em9223/html>

I am trying to determine who I can talk to about: (1) when someone would typically treat for Pacific flatheaded borer, (2) what application equipment is used, and (3) are the trees typically non-bearing.

Thank you

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