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### **Bad Insect:**

# Aphids on cruciferous crops

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This is the time of year that our cruciferous crops (cabbage, broccoli, Brussels sprouts, cauliflower, kale) are ready to harvest. It's very discouraging to have them covered with aphids and aphid honeydew. The good thing is that there are a lot of predatory insects that love to eat aphids. You want to get a jump on the aphids, especially on cruciferous crops.

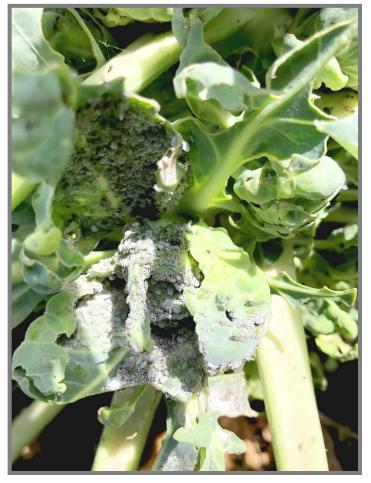
Information about aphid control:

https://digitalcommons.usu.edu/cgi/viewcontent.cgi? article=1813&context=extension\_curall

http://ipm.ucanr.edu/PMG/r108300811.html

https://www.lincolnu.edu/c/document\_library/ get\_file?uuid=bb7de2cc-d1d7-4d7f-93ee-9b93ab24734f&groupId=145912&filename=Aphid% 20Pests%20of%20Cole%20Crops%20in%20Missouri% 20FS18H2015

https://agrilifeextension.tamu.edu/library/gardening/ aphids-on-cruciferous-crops-identification-andmanagement/



### Predatory aphid midge

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The aphid predatory midge is a small insect in the fly family that is often overlooked in the beneficial insect world. They are about the size of fungus gnats. The eggs are laid in the midst of aphid colonies. Once the maggots hatch out, they start working on the aphids. There are several generations per year. They are commercially available and do well when released in greenhouses. Blooming flowers will encourage the adults to

Photo: Biopest



Photo above and below: Ron Patterson

live on pollen and nectar. Avoid using broad-spectrum insecticides.

Here is some more information on Here is more information on aphid predatory midges:

https://www2.ipm.ucanr.edu/natural-enemies/aphidmidge/

https://biocontrol.entomology.cornell.edu/predators/ Aphidoletes.php

https://digitalcommons.usu.edu/cgi/viewcontent.cgi? article=1813&context=extension\_curall





# **Fire Blight:**

Continue to prune out any wood with fire blight symptoms. Disinfect the pruners between each cut with 10% bleach solution, rubbing alcohol, or disinfectant wipes. If the symptoms extend beyond the fruiting spur you should cut at least twelve inches into healthy wood. The bacteria spreads through the vascular tissue and will be beyond the visible symptoms.



## **Codling Moth:**



You can discontinue spraying for codling moth if you still have apples on your trees.

Photo: PNW handbook

# Photo of the Week:

These trees all have symptoms of beetle damage. When you see the tops of coniferous trees dying like this, it's time to look for little critters and consider treating the trees. Common culprits

include:

- Ips beetle
- White Pine Weevil

**Bark beetles** 

Spruce Budworm



Photo: Master Gardener Gary Lewis

Photo: Lena Allen

### **UPCOMING:**

Missed out on anything this year? Don't worry, we've got you covered! Just click or scan links below for articles and videos.

### VIDEOS:

Fall Planting of Garlic and Spring Bulbs:



Fall Lawn Care:



Houseplants: The Gardener's Winter Fix

Ron's Newspaper Articles- East Idaho News



### **Uofl Extension Green Thumb Publications**

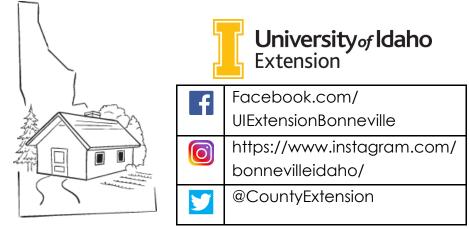




**UofI Insect Identification Resource Page** 



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