

# Home Citrus Educational Series: How to Apply Foliar Chemicals

L.M. Diepenbrock , J.D. Burrow, T.R. Weeks

Funded by: USDA National Institute of Food and Agriculture-Grant # 2021-70029-36054

Chemistries labelled for use in citrus in residential settings can help protect trees from insect, mite, and pathogen damage. Just like chemistries applied in groves, there are legal requirements tied to the use of these materials and users should read all labels prior to application.



**Step 1:** Select a chemistry that is appropriate for your needs (insect or pathogen management)

- Read the label to make sure it is registered for use on citrus.



**Step 5:** Agitate chemical

- Gently shake material to agitate inside of the closed pump sprayer.
- Use the pump to pressurize prior to applying.



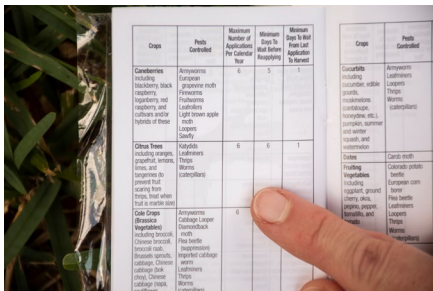
**Step 2:** Gather tools and materials

- Chemical
- Measuring utensils
- Pump sprayer



**Step 6:** Apply chemical

- Apply chemical till dripping.
- Follow instructions to prevent damage from temperature sensitive application times.



**Step 3:** Read label

- Citrus must be a crop listed on the label.
- Locate mixing instructions to determine how much material should be added to a set amount of water.
- Check label for safety instructions (use of gloves, eye protection, etc.).



**Step 7:** Reapply

- Follow label instructions for reapplication frequencies and maximum applications per year.
- Rinse bottle three times after each use.



**Step 4:** Mix chemical

- Always add water to reservoir first.
- Add the chemical into the water slowly to avoid splashing.
- Follow the label for the appropriate ratio of chemical to water.

**The label is the law!**  
For your safety and environmental concerns, follow all instructions on the chemical label.