



Best Practices for Drenching Greenhouse Pest Management Solutions Fact Sheet

Included are tips for drenching greenhouse vegetables, which will help you get the most out of your pest management solutions.

- Determine the number of plants you are treating and calculate how much product you will need to treat the given area based on the application rates listed on the product label. Be sure to also calculate an appropriate amount of solution to wet the root zone but minimize leaching .
- Mix only enough stock mixture that is needed to treat the given area.
- The drench treatment should be applied in as few irrigation cycles as possible. Ideally, 1-3 irrigation cycles max. Avoid extending your treatment over multiple cycles and multiple days.
- A dye test should be performed prior to your drench application to confirm how many irrigation cycles are required to achieve the desired rate, if too many cycles are required, your system may need to be modified to inject closer to each zone.
- Start with the furthest zone from the chemical injection point first and make your way back towards the chemical injection point.
- Unless the product label indicates differently, drench systemic products in the morning to promote plant uptake. For non-systemic products, drench late in the day on the last watering to maximize undiluted contact time in the rootzone.
- Irrigate carefully for 10 days post treatment in order to avoid loss of active ingredient due to excessive leaching.
- Avoid treating in severe heat stress.

Always refer to and follow all instructions prescribed on product labels. Each product that is registered as a drench, will have specific drenching instructions.