



Controlling Root Aphids with BotaniGard®

Suggestions for Using BotaniGard® ES, Mycotrol® ESO, BotaniGard® 22WP or Mycotrol® WPO for Root Aphids Control

- Rates are the highest labeled rates (2 qt/100 gallons water for BotaniGard ES and Mycotrol ESO; 2 lb/100 gallons water for BotaniGard 22WP and Mycotrol WPO)
- Growers have reported the great results from soaking the root ball in the BotaniGard dilute solution for at least 10 minutes.
- Drenching can also be used as an option to apply BotaniGard. Drenching application must be made to moist soil. Drench thoroughly to avoid channeling or an umbrella effect, and to try and penetrate the area directly beneath the root crown of the plant or below where the roots and stem meet.
- Delay irrigation for at least 24 hours after making a BotaniGard application
- At least 2 or 3 applications are suggested 3 to 5 days apart. Make weekly applications thereafter until the pest is eliminated.
- It is not recommended to run BotaniGard through any type of hydroponic system. The spores die overnight and it is unlikely to make contact with all the roots and root aphids.
- Fertilizers can be mixed with BotaniGard at end-use or final dilutions. Do not mix BotaniGard in concentrated fertilizer solutions.
- Also, spray the foliage because root aphids have a flying form that feeds on the foliage
- All plants must be treated. If growing hydroponically, clean up the stock tank, grow room or greenhouse, all troughs, and anything that contacts the plants.
- Isolate any new incoming plant material and observe for root aphids before putting them into your production area

Some Root Aphid References:

<http://faculty.ksu.edu.sa/1882/Documents/502home08/6c-root%20aphids.doc>

http://www.umass.edu/umext/floriculture/fact_sheets/pest_management/aphids.html

NOTE: Use caution when making BotaniGard applications to open blooms, especially on varieties known to be sensitive. It is recommended that a small group of plants be tested for effects on open blooms before making applications to the whole crop. Always read and follow label directions.