

QUICK TIPS TO HANDLE

GINGER PLANT DISEASES



Your plant diseases specialist:

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Associate Professor



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Find answers on our website:

<https://www.ext.vsu.edu/>



HOW ARE GINGER PLANTS INFECTED?

Most ginger plants start from a seed rhizome, a piece of the parent plant's stem. If disease-causing pathogens reach the rhizome in the soil, they can infect the plant. Once a ginger plant is infected, it's extremely difficult to manage the disease. Prevention is your best bet!



BEST PRACTICES

- ✓ Ginger plants love shade; provide sufficient hardening in the nursery
- ✓ Know before you plant!
 - your soil history
 - crop rotation plans
 - drainage
 - nutritional composition
- ✓ Plant seed pieces late Feb-early Mar
- ✓ Transplant in late May-early June

START CLEAN, STAY CLEAN

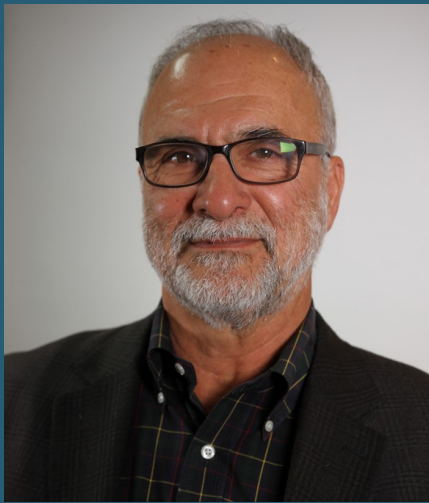


- ✓ Find a reliable source of seed rhizome
- ✓ Treat the seed rhizome with hot water bath or chemical treatment if you suspect contamination
- ✓ Disinfect your tools
- ✓ Disinfect your shoes before entering your greenhouse



PRO TIP

Use PCR or a bioassay to test your soil for possible diseases



Your plant diseases
specialist:

Dr. Reza Rafie

Leading the way in Ginger and Turmeric research are Dr.'s Mersha and Rafie from Virginia State University. With other 20 years of experience between them, they bring dynamic solutions to improve the well-being of all Virginians.



SOIL MANAGEMENT PRACTICES

- ✓ Manage soil moisture - many pathogens thrive in a moist environment
- ✓ Measure soil moisture levels
- ✓ Optimize drainage
- ✓ Leave tilled area exposed to the sun for at least one week, then turn the soil and repeat before planting ginger rhizomes.
- ✓ Remember, last harvest's crop residue is future topsoil


REPORTING

Virginia Tech's Plant Diagnostic Clinic

106 Price Hall, 170 Drillfield Drive, Blacksburg, VA
24061-0331



You may need to send samples of your diseased plant to the Plant Diagnostic Clinic. for detailed information on how to acquire and ship a sample

Contact the lab at
 **540 - 231 - 6758**

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