

## Worried about finding impatiens downy mildew (IDM) in your greenhouse?

**IDM Prevention** – when IDM has not been seen on your premises or in the nearby landscape and your supplier has not experienced a disease outbreak

1. Consider growing alternative crops to *Impatiens walleriana* (garden impatiens) or resistant varieties
2. Provide good ventilation in the greenhouse
3. Use proper plant spacing
4. Water early in the day, so plants will dry before nighttime
5. Avoid wetting foliage while watering
6. Provide adequate drainage
7. Grow *Impatiens walleriana* from seed
8. Inspect incoming shipments for symptoms, do not allow suspicious plants into the greenhouse
9. Segregate shipments from different sources
10. Train staff to recognize impatiens downy mildew symptoms and scout for symptoms regularly. Look for yellowing plants, downward curling leaves and white fuzzy growth on the undersurface of leaves. Early symptoms may be confused with nutritional problems in plants.
11. Regularly remove plant debris such as dead foliage and flowers
12. Clean and sanitize greenhouse surfaces between crops
13. Remove any volunteer impatiens plants that grow under benches or in other areas of the greenhouse
14. Consider using a preventative fungicide spray program (For an example spray program: [www.canr.msu.edu/resources/greenhouse-impatiens-downy-mildew-program](http://www.canr.msu.edu/resources/greenhouse-impatiens-downy-mildew-program))
15. If symptoms are observed bag and destroy all suspicious plant material immediately.

## You found impatiens downy mildew (IDM) in your greenhouse? What now?

**IDM Management** – when IDM has been found on impatiens on your premises, nearby or your supplier has had a disease outbreak

1. Bag and destroy all symptomatic plants immediately – seal bags before moving from greenhouse, do not compost
2. Bag and destroy all impatiens plants within 3 foot buffer zone of symptomatic plants – seal bags before moving from greenhouse, do not compost
3. Use a greenhouse disinfectant (for example: Green Shield, bleach or Zerotel) to clean the area
4. Consider beginning a spray program on any remaining plants (For an example spray program: [www.canr.msu.edu/resources/greenhouse-impatiens-downy-mildew-program](http://www.canr.msu.edu/resources/greenhouse-impatiens-downy-mildew-program))
5. Scout regularly looking for yellowing leaves, downward curling leaves and white fuzzy growth on the undersurface of leaves. Rogue any additional plants with symptoms and a 3 foot buffer and disinfect the area, as in 1, 2 and 3 above.

## Need More Information on Impatiens Downy Mildew?

Visit [www.maine.gov/dacf/php/horticulture/idm.shtml](http://www.maine.gov/dacf/php/horticulture/idm.shtml)

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