

# Plant Health and YOUR GARDEN

Plant health  
is **your** health.



Plant diseases can reduce produce from home gardens and damage lawns and trees. You can expect to spend between \$250 and \$1,800 to remove a diseased tree. **Have a certified arborist inspect your trees to prevent problems.**



## Basil Downy Mildew

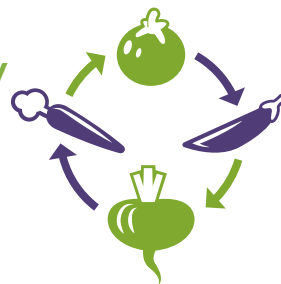
- Basil production in the United States has a retail market value of over \$300 million.
- Downy mildew is an important disease of basil. Leaves that would be harvested develop large brown spots with fuzz on their undersides.
- The disease has caused tens of millions of dollars of damage to commercial basil production in the United States since 2007 and also destroys basil leaves in home gardens.
- Plant scientists have developed new disease-resistant varieties that you can plant in your garden.

Gardens on rooftops and vacant lots in urban areas **increase access to produce, raise property values, reduce stormwater runoff**, and provide other social and environmental benefits.



You can become a Master Gardener by learning about garden management and leading community volunteer projects. **Visit your local extension office** to learn more about this program.

Keep plants in your garden healthy with these **easy management techniques**: Water in the morning to avoid overnight leaf wetness. Rotate where you plant different veggies each year. Keep a close eye on plants so you can solve problems early.



Do you have a pest problem in your garden? The National Plant Diagnostic Network (NPDN) includes labs from nearly every state that specialize in plant disease and insect diagnostics. **Learn more at the NPDN website** ([www.npdn.org/home](http://www.npdn.org/home)).

Sources: Wyenandt et al., 2015 (<https://apsjournals.apsnet.org/doi/full/10.1094/PHYTO-02-15-0032-FI>); Cornell University Vegetable MD Online (<http://vegetablemdonline.ppath.cornell.edu/NewsArticles/BasilDowny.html>); Home-Guide (<https://homeguide.com/costs/tree-removal-cost/>); University of Minnesota Extension (<https://extension.umn.edu/planting-and-growing-guides/how-hire-tree-care-professional/>); University of Pennsylvania Scholarly Commons ([https://repository.upenn.edu/cgi/viewcontent.cgi?article=1044&context=mes\\_capstones](https://repository.upenn.edu/cgi/viewcontent.cgi?article=1044&context=mes_capstones)); Garcia et al., 2018 ([www.cambridge.org/core/journals/public-health-nutrition/article/impact-of-urban-gardens-on-adequate-and-healthy-food-a-systematic-review/4E8C3413E021EE63F71D-1641D0C8136B/core-reader](http://www.cambridge.org/core/journals/public-health-nutrition/article/impact-of-urban-gardens-on-adequate-and-healthy-food-a-systematic-review/4E8C3413E021EE63F71D-1641D0C8136B/core-reader)).



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