

LIGHTNING  
PROTECTION  
SYSTEMS



LIGHTNING  
STRIKES ARE  
UNPREDICTABLE  
AND HAZARDOUS



**BARTLETT**  
**TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907



## PROTECT YOUR ASSETS

Every year thousands of landscape trees are damaged or destroyed by lightning. In addition, when a tree near a house is struck, the lightning can “side-flash” to the house. This can cause severe damage or ignite a fire.

### BARTLETT LIGHTNING PROTECTION SYSTEMS

Lightning protection systems work by providing a pathway that is low in electrical resistance from the top of the tree to the earth, where the electricity can then be dispersed.

A Bartlett installed system uses materials developed by the Bartlett Tree Research Laboratory and recommended to the American National Standards Institute. In addition to properly installing your system, we can monitor and maintain it so that it stays in top shape. We can schedule annual inspections to check on the conductor and other system parts and if needed due to tree growth recommend maintenance.

Its an inexpensive way to protect your landscape and property investment from being damaged. Effective lightning protection systems are now more affordable than ever.





# DO YOU NEED LIGHTNING PROTECTION?

Yes, you do, if any of the following factors appear on your property:

- Trees are within 10 feet of buildings and higher than the roof line
- Tall trees in relatively open areas (parks, golf courses, cemeteries, lawns and recreation areas)
- High value, memorial or historic trees
- Trees known to be susceptible to lightning strike: (ash, catalpa, elm, hemlock, locust, maple, oak, pine, spruce, and tulip poplar)
- Wires, downspouts, fences, pumps and pipes that can conduct an electrical charge and are near a tree

## AFTER LIGHTNING STRIKES

The full effects of a lightning strike can take up to a year to become apparent. Timely treatment is the best way to increase a tree's chances of survival and improve the odds against tree failure. Follow up with inspections for other conditions.

## CARE FOR STORM DAMAGED TREES

- Identify any damage that weakens tree structure as soon as possible
- Apply protectant insecticides to reduce insect borer attacks
- Regularly inspect for insects and certain tree diseases





## DAMAGE CAUSED BY LIGHTNING STRIKES

- Split or shattered trunks or branches
- Bark missing entirely around the trunk of the tree
- Line of missing bark that runs down the entire height or partially down the tree. A deep groove may show in the center of the line.
- Soil or pavement that is blown out either above or beneath the tree root.





CONTACT YOUR BARTLETT  
ARBORIST REPRESENTATIVE  
TODAY!

1-877-BARTLETT  
1-877-227-8538

1-877-BARTLETT  
1-877-227-8538  
bartlett.com

 /BartlettTreeExperts  
 @BartlettTreeExp

UNITED STATES

CANADA

GREAT BRITAIN

IRELAND