

# Tree health: storms, diseases and pests.

## Storm damage



## Diseases



Calgary has year-round snowstorms, powerful winds and severe thunderstorms with lightning strikes and hail. Take these steps after a storm to check your trees and help them recover.

### 1. Look at each of your trees.

Check to see if there is a disturbance in the soil, cracks in the trunk and or main branches.

### 2. Be Cautious.

Look for any hazards around your trees that any broken limbs have damaged or could damage.

### 3. Call an ISA certified arborist to help clear debris, assess and properly prune your damaged tree.



Deciduous Broken Branch

### Example of some tree diseases:



Dutch Elm Disease



Fire Blight



Black Knot Fungus



Bronze Leaf Disease

## Tree pests



### Trees under stress can become prone to pests.

Tree stressors include drought, broken branches, cracks in the trunk and roots sitting in too much water. This can be managed if you know what to look for and how to act.



Cracked Deciduous Trunk

### Insects:

**Chewing insects:**  
eat plant tissue like leaves, flowers, buds, roots and twigs.

- Ash Leaf Cone Roller
- Satin Moth
- Yellow-headed Spruce Sawfly
- Mites



Yellow-headed Spruce Sawfly

**Sucking insects:**  
insert their mouths into the tissue of the tree and feed on the juices.

- Aphids
- Elm Scale
- Oystershell Scale
- Pine Needle Scale



Oystershell Scale

**Boring insects:**  
spend time feeding beneath the bark of the tree as a young insect.

- Ash Bark Beetle
- Bronze Birch Borer



Ash Bark Beetle



**REMEMBER:** the easiest way to help prevent and manage pests and diseases is to keep your trees healthy: water well, mulch, prune when needed and when in doubt, call a professional.