



# SUPERROOTS

Winter 2010 - 2011

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## Today's Treatment

Our SuperRoots tree and shrub fertilizer is a liquid mix of multi-nutrients and organic additives. These ingredients help the plants to thrive, and also deepen plant color and vigor. The soil will be enriched as live microbes begin to break down organic matter and fertilizer for root uptake.

The addition of mycorrhizal (my-cor-eye-zal) fungi will result in improved nutrient and water uptake, disease resistance, and superior appearance and growth. These "good guy" fungi colonize plant roots where their thread-like filaments extend the root system into the soil. Several miles of these filaments can be present in less than a thimbleful of soil. Of the various forms of soil organisms that benefit plants, the most is known about mycorrhizae.

## Product Placement

Depending on the root structure of the tree or shrub, the SuperRoots fertilizer is placed either on the soil surface, or in the root zone by soil injection. Rhododendrons are an example of a surface-fed plant; and most trees will receive the soil injection method.

If your landscape has 'shallow-drip irrigation' installed less than 6" beneath the soil surface, please let us know. Irrigation lines buried less than 6" deep are at risk of being punctured by the injection tool. Surface applications are recommended in such situations.

## Watering

If any plants are under an eave or otherwise covered from rainfall, apply 1/2" of water on the fertilized area as soon as possible, otherwise normal rainfall/irrigation will be sufficient.

## Fungicide Treatments

If plants do not respond to a root zone fertilizing, they may have a disease or pest problem. Poorly drained soils may also be the cause of low vigor in plants and trees. If treated plants don't thrive; there is a reason. We can assist you in finding out what needs to be done to help them along.

There may be a need to add fungicide to the fertilizer for trees battling root rot fungus. If so, it is simple to add control products at the time of treatment. Your technician is trained to look for problems, and if any were noted, you will find a note to that effect on your invoice.

Please call our office or talk to your technician if you have any questions or concerns.

