ROOT FLOW

Air & Water Delivery System for Better Root Growth

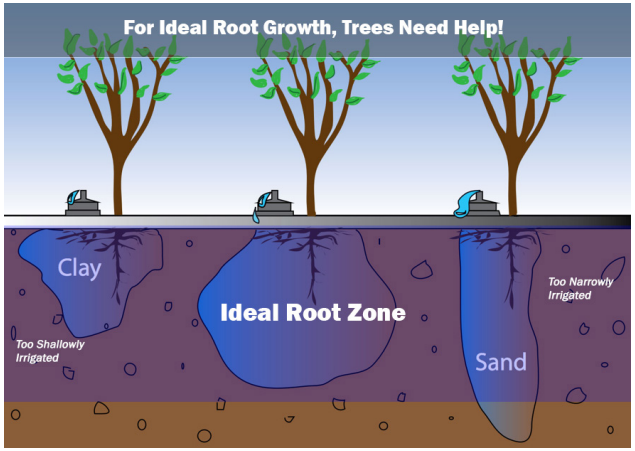
ecoturf MIDWEST INC.

Tree Watering Challenges

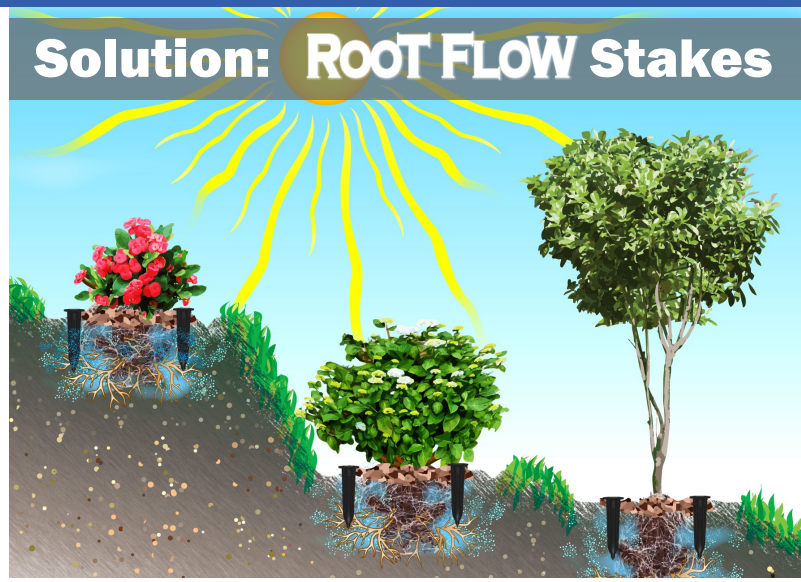
OVERVIEW

The targeted area for feeder roots is the top 12 inches of soil. A big challenge for new and transplanted trees is have enough available air and moisture for the roots to properly grow and allow the tree to establish.

Construction often yields back-filled soils that are compact. Another issue trees face is with sandy soils, where water navigates quickly to a lower depth since sandy soils don't hold moisture as well.



The challenge is to get moisture to a consistent area for roots to grow optimally



A DAVEY TREE STUDY[1] FOUND THAT USING A WATERING STAKING SYSTEM INCREASED ROOT GROWTH BY 50%+

GROWING TREES IN NON-IDEAL SOILS

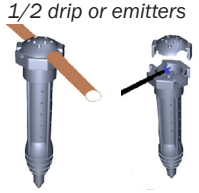
Construction is an ongoing endeavor across the world. This will continuously disrupt more fertile topsoils and replace them with more compact, less fertile soils. Additionally, areas with sandy or clay soils require more water than needed to grow new trees due to the challenges each soil possesses. This poses a challenge to efficiently and effectively grow new trees.

While rain and irrigation will help trees establish, the challenge is to do it efficiently to ensure that the young or transplanted trees can not only survive but thrive through proficient root growth.

The goal is to minimize both tree failure rates and water usage to grow healthy trees

REMOVABLE CAP ACCEPTS FERTILZER TABLETS

1/2 drip or emitters



Root Flow stakes help channel air, water and nutrients into the root zone. With its clog-free design, Root Flow can be included in drip irrigation plans or with its open top, capture natural precipitation or sprinkler water to channel it **into the root zone**.

Help relieve stress and promote healthier, more abundant root growth with a simple solution trees love. **Learn more: www.ecoturfmidwest.com**

1. ***Evaluation in the Establishment and Health of Bare Root Transplanted Trees*** - *Brian Jeffers, Dr. Bal Rao and Greg Mazur - The Davey Tree Expert Co.*

Ecoturf Midwest: info@ecoturfmidwest.com