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New, Proven Procedure for Feeding Trees Results in:

Reduced labor cost

Reduced product cost

Greater value for consumers

Excellent results for trees/shrubs



Mark Mann has spent 22 years researching how root hairs take up Tree Growth Regulators for TGR manufacturers. Often he was working with trees under stress. They needed nutritional support as well, quickly and efficiently.

Since his objective was to limit growth, minimize stress and nurture the tree's health, Mark needed a product that would provide comprehensive nutritional support (see "Principles Behind Plant Health" in adjacent box).

For speedy uptake, he wanted to use the greatest density of root hairs located close to the trunk. Application would have to be 1) at higher concentrations, 2) without burning the roots (unlike many products). Mark found the ideal product in **Bio-Tree & Shrub**.

Using **Bio-Tree & Shrub**, Mark developed a quick, low-cost application process, which can be used on all plant materials, but is particularly effective for trees and shrubs under stress.

Recreate the Forest Floor

Principles Behind Plant Health:

- Nutrients are best absorbed by small root hairs.
- The greatest concentration of small root hairs is closest to the base of the tree or shrub.
- Plants require a broad range of nutrients, not just N-P-K.
- Plants also benefit from humic acids, enzymes, amino acids and various trace elements.
- Optimizing soil conditions, creates a better growing environment.
- Support for and enhancement of the microbial community supports plant health and reduces other inputs.



ROOT-HAIR-TARGETED APPLICATION METHOD

METHOD:

Use 1 gallon of concentrated formulation for each DBH of tree caliper.

Inject liquid as close to the trunk as possible. Proceed in concentric circles making certain that the liquid is filling all available soil pores, like an underground drench.

Apply within 4' radius of trunk, 7' on large trees.

PRODUCT CONSIDERATIONS:

Comprehensive formulation meeting all of the criteria in the "Principles Behind Plant Health" box.

Low nitrogen, low salt, low chloride, pH neutral.

Food-grade, bio-available ingredients preferred.

See: TECHNICAL INFORMATION BULLETIN -
[Click Here](#) for Complete Program Information