



ARBOR CARE PROGRAM



TREE FERTILITY • SOIL CONDITIONER • ROOT STIMULATOR

Use on Deciduous, Evergreens, Shrubs, Vines, and Ornamentals.

Growth Products year round Liquid Fertility Program is designed to fine tune the application of liquid N-P-K fertilizers, micronutrients, and natural organics. Our products offer complete flexibility to match the real needs of the plant. Our broad selection of products can be used to correct deficiencies and severe soil problems with labor saving liquid solutions.

BENEFITS OF LIQUID FEEDING:

- Spreads out uniformly in the soil avoiding pockets of fertilizer.
- Combine with a systemic to assure maximum efficiency.
- Our solutions will not clog, wear out parts from abrasion or settle in your tank.
- Immediately available nutrients for foliar & root uptake for quick correction of nutrient deficiencies.
- Our Slow Release Nitrogen assures continuous steady feeding to avoid unwanted terminal growth.
- No broken or solidified bags to worry about.
- Safe to handle and safe for the environment.

SPRING FEEDING MAINTENANCE

Triple Ten 10-10-10 With 40% Slow Release Nitrogen

Timing	Recommended Rate	Gallons per 100 Gallon Tank
Spring for Deciduous Trees	5 gal mix / inch DBH*	1 gallon

Arbor Care 15-8-4 With 40% Slow Release Nitrogen

Timing	Recommended Rate	Gallons per 100 Gallon Tank
Spring for Evergreens	5 gal mix / inch DBH*	1 gallon

FALL FEEDING MAINTENANCE

Autumn Care 6-12-12 With 40% Slow Release Nitrogen

Timing	Recommended Rate	Gallons per 100 Gallon Tank
Fall Applications	5 gal mix / inch DBH*	1 gallon

DEFICIENCIES

Micrel Total: A Complete Micronutrient Package (Fe, Mg, Mn, Cu, Zn, S, B, Mo) For root and foliar correction of deficiencies

Timing	Recommended Rate	Gallons per 100 Gallon Tank
Year Round Tree Care	5 gal mix / inch DBH*	32 ounces

* DBH - Diameter at Breast Height

NATURALLY OCCURRING RHIZO-BACTERIUM

- Improve soil bio-mass • Replenish the soil with rhizo-bacterium • Protect new feeder roots • Demineralize bound up nutrients
- Strengthen plant to withstand environmental stress

Companion® with the Rhizo-Bacterium Bacillus subtilis GB03

Timing: Year Round Tree Care (Apply 3 times per year: spring, summer and fall)	Ounces per 100 Gallon Tank
Maintenance	32 oz.
Corrective	64 ounces (1/2 gallon)

ROOT STIMULATOR & SOIL CONDITIONER

- Adds organic matter to soils • Improves soil structure • Contains wetting agent for improved water uptake • Use when transplanting • Combat urban stress • Promotes root growth

Essential® Plus 1-0-1 a 100% Natural Soil Amendment & Root Stimulator

Timing: Year Round Tree Care (Apply 3 times per year: spring, summer and fall)	Ounces per 100 Gallon Tank
Maintenance	32 oz.
Corrective	64 ounces (1/2 gallon)

TREE & SHRUB FERTILIZER FILL CHART - SOIL INJECTION METHOD

Total Fill: 1/2 Gal Per Injection Site	Water	Nitro-30 30-0-0 w/ 85% SRN	Arbor Care 15-8-4 w/40% SRN	*Merit 75 WSP	Trees	Shrubs
Gallons	Gallons	Ounces	Ounces	1.6 oz Packs	Inch of DBH	Total Height
12	11	8	16	1	24	24
24	23	16	32	2	48	48
36	35	24	48	3	72	72
48	47	32	64	4	96	96
60	59	40	80	5	120	120
72	71	48	96	6	144	144
84	83	56	112	7	168	168
96	95	64	1 gal	8	192	192
108	107	72	1.12 gal	9	216	216

Use this chart in conjunction with the application of Merit* 75 WSP at the high rate of 1.6 ounces per 24" DBH or 24 foot shrub height. It is meant to deliver 1/2 gallons of total solution for every inch of DBH for trees and 1 foot height for shrubs.

For example:

- A Tree with a 12" DBH will require 12 injections of 1/2 gallons each for a total of 6 gallons solution applied
- A Shrub that is 2" high would require 2 injections of 1/2 gallons each for a total of 1 gallon solution applied

Application and Calibration Tips:

- Check the flow rate by timing gallons per minute into a bucket
- Adjust the pressure so that 2 gallons per minute is caught in the bucket
- At 2 gallons per minute, one injection will deliver 1/2 gallon of solution in 15 seconds
- Inject on a 45 degree angle, to a depth of 6-8 inches for tree and 2-4 inches for shrubs

*Merit is a registered trademark of Bayer CropScienc