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## FOLIAR AND SOIL APPLICATION

ROOT-jet Magnesium is formulated to supply Phosphorus, Potassium and Magnesium, essential minerals for root growth and leaf greening. ROOT-jet Magnesium is formulated especially for greening conifers in coastal regions, where precipitation results in mineral leaching. Magnesium is an essential mineral component of chlorophyll, needed for photosynthesis and carbohydrate production. This plant fertilizer enhances needle greening without nitrogen, a benefit where piercing-sucking or defoliator pests are a problem. It is compatible with plant health programs designed to minimize pest damage and enhance plant resistance.

### Guaranteed Analysis:

Phosphorous (P).....4.0%  
 Potassium (K).....3.0%  
 Magnesium (Mg).....10.0%  
 Boron (B).....0.08%

NET CONTENTS: 2.5 GAL  
 NET WT: 22.5 LB

## APPLICATION & USES

ROOT-jet Magnesium is a liquid soil applied fertilizer used to enhance greening of chlorotic needles (yellow) of coniferous trees growing in low pH (acidic) soils. It may also be used in Calcitic soils where Mg may be deficient. May be used as a soil drench, soil injection or foliar spray.

## GENERAL DIRECTIONS

ROOT-jet Magnesium is designed for use in hydraulic sprayers and/or soil injector equipment. Make applications in the fall and spring (prior to bud break) when trees are producing new absorbing roots. Make foliar applications after leaves mature. Water trees thoroughly if treating during dry conditions.

## SOIL INJECTIONS

Dilute 1.0 gallon of ROOT-jet in 100 gallons of water for soil injection application.

Use this rate for established trees.

Make applications 6-8" deep into the soil to target non-woody absorbing roots. Work close to the tree: from 2-3 feet of the trunk. Apply injections in a grid pattern, out to one-third of the canopy edge, injecting every 12-18" O.C. Use 150-200 psi for soil injection applications.

## SOIL DRENCH

For use in shrub bed and landscape plantings; thoroughly drench soil. As a soil drench for trees, apply under the tree canopy (from 12" to 36" of the tree trunk). Dilute 1.0 gallon of ROOT-jet in 100 gallons of water as a soil drench.

## FOLIAR SPRAYS

Dilute 32 oz./100 gallons for established trees and shrubs.

Use 24 oz./100 gallons for newly transplanted trees or for trees with root loss.

Add a spreader sticker to the tank mix for foliar spray applications. Make foliage sprays ONLY after leaves have fully matured. Do not apply as a foliar spray in hot weather (temperatures >90°F).

Application	Foliar	Soil
Established Trees & Shrubs	32 oz./100 gal	1 gal./100 gal
	16 oz./50 gal	1 qt./25 gal
	8 oz./25 gal	16 oz./12.5 gal
	4 oz./12.5 gal	8 oz./6.25 gal
Newly transplanted Trees & Shrubs	24 oz./100 gal	1 gal./100 gal
	12 oz./50 gal	1 qt./25 gal
	6 oz./25 gal	16 oz./12.5 gal
	3 oz./12.5 gal	8 oz./6.25 gal

## CLEAN-UP

### IMPORTANT!

Rinse equipment thoroughly after use. Use warm soap and water. Triple rinse with clean water. Residues left in the device may gum, clog or corrode the internal components.

The physical compatibility of ROOT-jet should be tested before use with other products.

To determine the physical compatibility of ROOT-jet with other products, use a jar test as described below.

1. Add proportionate amounts of the two products to 1 pint of water, and thoroughly mix.
2. Wait at least 5 minutes. If the combination remains mixed it is physically compatible. If precipitates form, it's not.
3. If compatible, use the same procedure for adding required ingredients to the formulation tank.

**NOTE:** The safety of all potential tank mixes on all trees listed on this label may not have been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target tree should be tested.

## RESTRICTIONS

- ✓ Do not treat trees that are damaged by herbicides.
- ✓ Do not treat trees within two weeks of any other spray or soil chemical treatment.
- ✓ Do not treat trees during temperature extremes (<40F or >90F)
- ✓ Keep away from children
- ✓ Keep away from heat and open flame

**Note:** This product is NOT a pesticide.

## STORAGE AND DISPOSAL

- ✓ Do not contaminate water, food, or feed by storage or disposal
- ✓ Keep from freezing
- ✓ Store in a cool, dry place

**DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of empty bottles in a sanitary landfill or by incineration if approved by State and Local authorities.

### NOTICE OF WARRANTY

ARBORJET, Inc makes no warranty of fitness of this product for any other purpose, beyond its uses under normal conditions in keeping with the statements made on this label.



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