



**GRADE: 2 - 2 - 3**

**LIQUID SOIL APPLIED FERTILIZER**

NutriRoot® is a scientifically engineered blend of fertilizer, essential minerals, seaweed extract, humic acids, surfactants and humectants that support root development, facilitate in minimizing water stress in trees, shrubs and other plants while visually improving plant vigor.

**Treatment Uses:**

- Root Development
- Transplant Success
- Water Stress Management
- Nutrient Deficiencies
- Sandy Soils
- Dry Soil Conditions
- Summer Stress
- Winter Stress

**KEEP OUT OF REACH OF CHILDREN**

**Guaranteed Analysis:**

Total Nitrogen (N).....	2.0%
0.50% Urea Nitrogen	
1.50% Other Water Soluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	2.0%
Soluble Potash (K <sub>2</sub> O).....	3.0%
Iron (Fe).....	0.75%
0.75% Water Soluble Iron (Fe)	
Manganese (Mn).....	0.50%
0.50% Water Soluble Manganese (Mn)	
Zinc (Zn).....	0.25%
0.25% Water Soluble Zinc (Zn)	

Derived from: Urea, Mono-potassium phosphate, Ferrous Sulfate, Manganese Sulfate, Zinc sulfate, Kelp Extract

**SOIL AMENDING INGREDIENTS:**

Humectants.....	22.0%
Non-ionic Surfactant.....	4.0%
Seaweed Extract (Microbe Food).....	4.0%
Humic Acid (Derived from Leonardite).....	2.0%
Total Other Ingredients.....	68.0%

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**NET CONTENTS: see individual containers**

**NET WEIGHT: see individual containers**

**SHAKE WELL**

Information regarding the content and levels of metals in this product is available on the internet at: [www.aapfco.org/metals.html](http://www.aapfco.org/metals.html)

**APPLICATION & USES**

Apply at planting or to mature landscapes to increase water absorption into roots and to enhance root growth. May be applied monthly throughout the growing season, particularly in hot, dry months to alleviate water stress in trees and landscape plants. In northern regions, also apply in fall before the onset of winter.

**GENERAL DIRECTIONS**

NutriRoot® is designed for use in watering cans, hose-end or hydraulic/pump sprayers, soil injectors and similar equipment. Make applications at transplant or in fall after leaf senescence, early spring before bud break, or in the growing season after leaves on plants have matured. Water trees and plants thoroughly if treating during dry conditions. May repeat applications once a month throughout the growing season, particularly during hot, dry months. May make additional application in fall in northern areas, before the ground temperatures drop below 40F to decrease plant stress during winter cold.

**BASIC DILUTION**

Dilute 1.25-1.5 fl. oz. NutriRoot in 1 gallon of water or 1 gallon of NutriRoot in 70-100 gallons of water. 1 gallon of NutriRoot in 70-100 gallons of water will treat up to 3,000 sq. ft. of landscape. Use higher rate for newly transplanted trees or for trees with root loss. Use lower rate for routine maintenance and to alleviate drought stress.

For soil injection or drench, follow table below.

**Use Rates for Soil Injections:**

Tree Size (DBH")	Soil Area (ft <sup>2</sup> )	NutriRoot/gal water/tree
Small tree (1-6)	1-3' (10)	1.25 - 1.5 oz. /1 gal
Sm-med (6-12)	1-5' (25)	3.25 - 3.75 oz. /2.5 gal
Med-lg (12-18)	2-10' (100)	12.75 - 15.0 oz. /10 gal
Large (18-24+)	3-15' (200)	25.5 - 30.0 oz. /20 gal

**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) or in a 48-H period when these extremes are expected
- Keep away from heat and open flame

**CLEAN-UP & COMPATIBILITY, STORAGE, DISPOSAL AND WARRANTY**

**IMPORTANT!** Rinse equipment thoroughly after use. Use warm soap and water. The physical compatibility of NutriRoot should be tested before use with other products. Contact Arborjet with any questions regarding testing and to determine the physical compatibility of NutriRoot with other products.

- 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.

Triple rinse container with clean water and dispose of empty bottles as required by State and Local authorities.

**IMPORTANT:** Best land management practices must be used at all times with any fertilizer; this material must be prevented from entering public or private water supplies (including wells) an any lake, stream or river.

**NOTICE OF WARRANTY**

ARBORJET, INC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use.

ARBORJET, Inc.  
99 Blueberry Hill Road  
Woburn, MA 01801  
781-935-9070  
[www.arborjet.com](http://www.arborjet.com)



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