



Illinois Department of Agriculture
Bureau of Agricultural Products Inspection
State Fairgrounds
P.O. Box 19281
Springfield, IL. 62794-9281

9/27/23

Re: Fertilizer Registration
Company: Arborjet, Inc

To Whom It May Concern,

On behalf of **Arborjet, Inc** , please accept this application for registration of the following fertilizer product application for Nutriroot. This product is a 2-2-3 fertilizer that includes micronutrients as well as with additional Non-Plant Food ingredients. Attached to this application are the following materials:

- Fertilizer Application
- Soil Amendment Application
- Labels
- Check for \$70

If you have any questions regarding this application or need further documentation, please contact me by email at dcorywatson@delta-ac.com.

Best Regards,

Damon Cory-Watson
Regulatory Consultant
Arborjet Inc
99 Blueberry Hill Rd.
Woburn, MA 01801

Illinois Dept of Agriculture

Check Number 72281
Check Date Sep 27, 2023

| Invoice | Date | Amount Paid | Description |
|---------|---------|-------------|-------------|
| | 9/27/23 | 70.00 | ARBORJET |

SECURITY FEATURES INCLUDE TRUE WATERMARK PAPER, HEAT SENSITIVE ICON AND FOIL HOLOGRAM

DELTA ANALYTICAL CORPORATION

12510 Prosperity Drive, Suite 160
Silver Spring, MD 20904

SANDY SPRING BANK

66-109/550

72281

DATE

Sep 27, 2023

AMOUNT

\$ 70.00

Memo:

PAY Seventy and 00/100 Dollars

TO THE
ORDER
OF:

Illinois Dept of Agriculture
Bureau Ag Products Inspection
State Fairgrounds PO Box 19281
Springfield, IL 62794-9281



AUTHORIZED SIGNATURE

Susan Stracquistano

HEAT SENSITIVE

⑈072281⑈ ⑆055001096⑆ 1584299901⑈

DELTA ANALYTICAL CORPORATION

72281

Illinois Dept of Agriculture

Check Number 72281
Check Date Sep 27, 2023

| Invoice | Date | Amount Paid | Description |
|---------|---------|-------------|-------------|
| | 9/27/23 | 70.00 | ARBORJET |



Fertilizer Registration Application

Illinois Department of Agriculture
Bureau of Agricultural Products Inspection
State Fairgrounds
P.O. Box 19281
Springfield, IL 62794-9281 (217) 782-3817 TTY: (866) 287-2999

For License Year: 2023

Registration Fees

1. \$20.00- Each fertilizer listed on the form.
 2. \$50.00- An additional inspection fee for each dry fertilizer in containers marked 5 lbs or less.
 3. \$50.00- An additional inspection fee for each liquid fertilizer in containers marked 1 gallon or less.
 4. A fertilizer distributed in containers marked both dry 5 lbs or less and liquid 1 gallon or less requires only one (1) additional inspection fee of \$50.00.
 5. Fertilizers in containers greater than 5 lbs or 1 gallon or bulk fertilizers (dry and/or liquid) are also subject to a tonnage inspection fee of 25 cents/ton paid at the time of the semi-annual tonnage report.
- A label for containers or if bulk, a delivery statement or invoice representing the fertilizer must be submitted for each fertilizer listed on application.

TOTAL NUMBER OF PRODUCTS: 1

AMOUNT ENCLOSED: \$70

Make check payable to the Illinois Department of Agriculture

Check# _____ Total Amount\$ _____
Amount\$ _____ RC 105 Amount\$ _____ RC 106
Amount\$ _____ RC 135 Other _____

Office Use

Registration No. 4081

Business Name: Arborjet, Inc

Contact Person: Teressa Tubia

Address: 12510 Prosperity Dr. Suite 160

City: Silver Spring State: MD zip code: 20904

Telephone #: 301-680-7971 E-Mail: biofertregistration@delta-ac.com

NOTE: "Farm" includes specialty farm crops. "Non-Farm" are specialty fertilizers (i.e. lawn, garden, trees, flowers, golf courses, potting soils etc.).

| Office Use | DRY | | | LIQUID | | USE | | BRAND and GRADE (N-P-K) | ADDITIONAL SECONDARY / MICRONUTRIENTS (Element name i.e. Ca, Mg, S, Fe, Mn, Zn, Cu, Mo, Cl, Na, B, Co and percentage) |
|------------|---------------|------------|------|------------------|---------------|------|----------|-------------------------|--|
| | 5 lbs or less | Over 5 lbs | Bulk | 1 gallon or less | Over 1 gallon | Farm | Non-Farm | | |

NutriRoot 2-2-3

Fe - 0.75%, Mn - 0.5%, Zn - 0.25%

Attach additional applications if necessary for more products. For soil amendments, use the soil amendment application available at www.agri.state.il.us. "Forms", under the Bureau of Agricultural Products Inspection.

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Illinois Revised Statutes, Chapter 56 1/2, Paragraphs 55-1 through 55-21. Failure to provide this information shall prevent this form from being processed. This form has been approved by the State Forms Management. IL406-0039

Damon Cory-Watson

(Print or type name of authorized representative)

(Signature of authorized representative)

(Date)

9/26/23

Soil Amendment Application

Fee: \$250.00 per Product (Non-Refundable)

Illinois Department of Agriculture
Bureau of Agricultural Products Inspection
State Fairgrounds
P.O. Box 19281
Springfield, IL 62794-9281
www.agr.state.il.us

(217) 782-3817 TTY: (217) 524-6858

Product Name: Nutriroot 2-2-3

Registration: (Check ☒)

(a) New: ☒ Revised: ☐

(b) Soil Amendment: ☒ Soil Amendment/Fertilizer ☒

A soil amendment-fertilizer combination shall also require fertilizer registration and be labeled in accordance with both the Soil Amendment Act and the Illinois Fertilizer Act of 1961.

Composition of the Product. Attach additional applications if necessary for more ingredients.

| Active Ingredients (Soil Amending) | | Other Ingredients (Non-Soil Amending) | |
|------------------------------------|---------------|---------------------------------------|---------------|
| Name of Ingredient | Concentration | Name of Ingredient | Concentration |
| 1. Humectants | 22 | 1. carriers | 68.0 |
| 2. Non-ionic surfactant | 4.0 | 2. | |
| 3. Seaweed extract (microbe food) | 4.0 | 3. | |
| 4. Humic acid (leonardite) | 2.0 | 4. | |
| 5. | | 5. | |
| 6. | | 6. | |
| 7. | | 7. | |
| 8. | | 8. | |

Name of manufacturer if different than registrant:

Analytical procedure(s) to determine the active ingredient(s): If an AOAC procedure number cannot be referenced, the actual step by step laboratory procedure must accompany the registration.

Check# _____ Total Amount\$ _____ Office Use
Amount\$ _____ RC 135 Amount\$ _____ RC 137 Registration# _____ Approved _____ Denied _____

Business Name: Arborjet, Inc

Contact Person: Teresa Tubia

Physical Address: 99 Blueberry Hill Rd.

City: Woburn State: MA Zip code: 01801

Mailing Address: 12510 Prosperity Dr. Suite 160

City: Silver Spring State: MD Zip code: 20912

FEIN #: _____ Telephone #: 301-680-7971 Fax#: 301-680-7975

E-Mail Address: biofertregistration@delta-ac.com

I hereby certify that if registration is granted under this application, I agree to conform and conduct my business in accordance with the provisions set forth in the Illinois Soil Amendment Act and its rules and the regulations pursuant thereto and that all information contained herein is true and accurate to the best of my knowledge.

Damon Cory-Watson



9/26/23

(Print or type name of authorized representative)

(Signature of authorized representative)

(Date)

This state agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under Illinois Revised Statutes, Chapter 5, Paragraphs 2801.1-1 through 2801.5. Failure to provide this information shall prevent this form from being processed. This form has been approved by the State Forms Management. IL406-0039



LIQUID SOIL APPLIED FERTILIZER

Information regarding the content and levels of metals in this product is available on the internet at: www.aapfco.org/metals.htm

Manufactured by:
Arborjet, Inc. 99 Blueberry Hill Rd.
Woburn, MA 01801 781-935-9070

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_2O_5) | 2.0% |
| Soluble Potash (K_2O) | 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, Seaweed Extract, Potassium hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

SOIL AMENDING GUARANTEED ANALYSIS:

| | |
|--------------------|---|
| Active Ingredients | |
| 22.0% | Humectants |
| 4.0% | Non-ionic Surfactant |
| 4.0% | Seaweed Extract (Microbe Food) |
| 2.0% | Humic Acid (Derived from Leonardite) |
| 68.0% | Total Other (Inert) Ingredients (Carriers, as non-plant food ingredients) |

F1813
NET CONTENTS: 32 fl. oz. (0.946 L)
NET WEIGHT: 2.7 lbs (1.22 kg)



NutriRoot®

GRADE: 2 - 2 - 3

LIQUID SOIL APPLIED FERTILIZER

NutriRoot® is a unique blend of essential minerals, seaweed extract, humic acid, surfactants, and humectants designed to increase root development and to reduce water stress in trees, palms, shrubs, landscape, and containerized plants.

KEEP OUT OF REACH OF CHILDREN WARNING

See label for PRECAUTIONARY STATEMENTS and DIRECTIONS FOR USE.

F1813

NET CONTENTS: 1.0 gal (3.79 L)

NET WEIGHT: 10.8 lbs (4.9 kg)



Manufactured by: Arborjet, Inc.
99 Blueberry Hill Road Woburn, MA 01801

ARBORJET®

TREATMENT USES

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

Guaranteed Analysis:

| | |
|--|-------|
| Total Nitrogen (N) | 2.0% |
| 0.50% Urea Nitrogen | |
| 1.50% Other Water Soluble Nitrogen | |
| Available Phosphate (P ₂ O ₅) | 2.0% |
| Soluble Potash (K ₂ 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, Seaweed Extract, Potassium hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

SOIL AMENDING GUARANTEED ANALYSIS:

| | |
|--------------------|--|
| Active Ingredients | |
| 22.0% | Humectants |
| 4.0% | Non-ionic Surfactant |
| 4.0% | Seaweed Extract (Microbe Food) |
| 2.0% | Humic Acid (Derived from Leonardite) |
| 68.0% | Total Other (Inert) Ingredients (Carriers, as non-plant food ingredients) |

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

SHAKE WELL



LIQUID SOIL APPLIED FERTILIZER

NutriRoot is a unique blend of essential minerals, seaweed extract, humic acid, surfactants, and humectants designed to increase root development and to reduce water stress in trees, palms, shrubs, landscape, and containerized plants.

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 to soil at transplant or in fall after leaf senescence, early spring before bud break or leaf emergence, 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 40°F to decrease plant stress during winter cold. Fall applications may reduce winter desiccation in new plantings or existing landscapes.

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. Add NutriRoot to tank with water to reduce foaming. 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 higher rate for routine maintenance and to alleviate drought stress. Use lower rate on newly installed herbaceous and containerized plants. For use in existing landscapes, new installations, see instructions below.

New Tree and Shrub Installation

Apply NutriRoot directly to the soil in containerized plants or spray the base of balled/ burlapped trees and shrubs to ensure your watering is more efficient. Applications made to the root ball prior to planting may help with root establishment. Apply ½ to 1-gallon of solution per inch DBH for trees and ½ to 1-gallon solution for each diameter foot of shrub canopy. For new plantings, soak the soil and root ball with NutriRoot solution. Water-in after planting.

Existing Landscapes

Applications to existing landscapes can be made before bud break, monthly during the growing season (particularly during hot, dry months), and after leaves have dropped in the fall. To reduce winter stress, treat before the ground temperature drops below 40° F. Use to loosen compacted soils and help alleviate abiotic stress. Apply at a rate of 1-gallon of solution per inch DBH for trees or 1-gallon of solution per diameter foot of canopy for shrubs. For trees, shrubs, palms, perennials, annuals, containerized, garden, and vegetable plants, apply once every 14 to 28 days throughout the growing season.

New Tree Installations Using Gator Bag®

Drench soil with NutriRoot before and after transplanting to help with root establishment. When using a Treegator® Bag (or similar product), add NutriRoot at a rate of 1.5 fluid ounces per fifteen (15) gallons of water until established.

SOIL INJECTION

NutriRoot may be applied via soil injection to existing trees, shrubs, and herbaceous plants. For soil injection applications using the AccuFlo Soil Injector ISD or similar equipment, fill tank to 3/4 volume with water, then add 16 fl. oz. of NutriRoot per gallon of water. Slowly add remaining water to volume to reduce foaming. For soil injection using the AccuFlo Soil Injector ISD (or similar equipment), start injections a minimum of 18 - 36" away from the trunk. Apply NutriRoot solution around the tree and out to the drip edge following a grid pattern. Inject 6 - 8" deep into the soil, working around the tree, making applications once every 18" on-center in sequential rows extending to the drip edge. Be sure to target the active growing root area around the base of trees. For

NutriRoot (1 Gallon) 030-4103



8 11890 01826 2

ARBORJET.

Rev 5/2023

woody plants, including trees and shrubs, apply in spring and fall months, at a minimum of twice per year.

When tank mixing with other compatible products for soil injection, mix 8 fl. oz. NutriRoot in 1-gallon of water. For soil injection use rates in trees and shrubs, see the Soil Injection Use Rates in the table below.

| Soil Injection Use Rates: | | | |
|---------------------------|----------------------------------|---|---|
| Tree Size (DBH") | Shrub Size (Diameter ft. Canopy) | Dose (mL) | No. of Injection Sites |
| 1 - 2 | 1 - 2 | 100 | 4 |
| 3 | 3 | 150 | 4 |
| 4+ | 4+ | Trees: 150 - 300 mLs/DBH" Shrubs: 150 - 300 mLs/Diameter ft. of canopy | Trees: 1 per DBH" ¹ Shrubs: 1 per Diameter ft. of canopy ¹ |

¹For soil injection using a 300 mL dose, divide DBH by 2 for trees. For shrubs, divide the diameter foot of canopy by 2. For odd numbered injection sites in trees and shrubs, round up to the nearest whole number (Example: 5" DBH / 2 = 2.5, or 3 injection sites).

SOIL INJECTION IN PALMS

Make applications in spring and fall (February to May and October to November). Applicators should check with their local extension service agent for information on black-out periods. To soil inject, start a minimum of 18 - 36" away from the trunk. Apply NutriRoot solution around the tree and out to the drip edge following a grid pattern. Inject 6 - 8" deep into the soil, working around the tree, making applications once every 18" on-center in sequential rows extending to the drip edge. Be sure to target active growing root area. To mix, fill tank to 3/4 volume with water, then add 8 - 20 fl. oz. of NutriRoot per gallon of water. Slowly add remaining water to volume to reduce foaming. For palm class size and use rates, see Palm Class Size and Soil Injection Use Rates in the table below.

| Palm Class Size and Soil Injection Use Rates: | | | | | | |
|---|---------------------|--------------------|-------------------------------|---|--------------------------------|-------------------------|
| Palm Class Size | Canopy Spread (ft.) | Trunk Height (ft.) | Fl. oz. Per Gal of Nutri-Root | Fl. oz. (mL) or Gal (L) Solution to Apply | Milli-liters / Injection Point | No. of Injection Points |
| Small | 6 - 12 | 5 - 19 | 8 fl. oz. | 50 fl. oz. (1500 mL) | 300 | 3 - 6 |
| Med | 12 - 24 | 20 - 39 | 16 fl. oz. | 1 gal (3.75 L) | 300 | 6 - 12 |
| Large | ≥ 24 | ≥ 40 | 20 fl. oz. | 1.5 gal (5.5 L) | 300 | 12 - 24 |

TANK MIXING

NutriRoot is compatible with other fertilizer products and may be mixed with acidic fertilizers and soil conditioners. NutriRoot works synergistically in combination with slow-release fertilizers.

PHYSICAL COMPATIBILITY / MIXING

NutriRoot is incompatible with liquid hydroxides and alkaline products (pH >7.5). The physical compatibility of NutriRoot should be tested before use with other products. Perform a standard "jar test" to check compatibility with other products before mixing. Contact Arborjet with any questions regarding testing and to determine the physical compatibility of NutriRoot with other products.

RESTRICTIONS

- Do not treat trees that are damaged by herbicides
- In areas with alkaline water, an acidifier may be added.
- Do not treat trees when soil temperature is <35°F
- Keep away from heat and open flame

IMPORTANT! Rinse equipment thoroughly after use. Use warm soap and water.

- 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.

CLEAN-UP, STORAGE, DISPOSAL AND WARRANTY

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 General Directions.

Manufactured by: Arborjet, Inc., 99 Blueberry Hill Road, Woburn, MA 01801

NutriRoot® is a trademark of Arborjet, Inc.

TREEGATOR® is a USA/EU registered trademark of Spectrum Products Inc. USA



NutriRoot®

GRADE: 2 - 2 - 3

LIQUID SOIL APPLIED FERTILIZER

NutriRoot® is a unique blend of essential minerals, seaweed extract, humic acid, surfactants, and humectants designed to increase root development and to reduce water stress in trees, palms, shrubs, landscape, and containerized plants.

KEEP OUT OF REACH OF CHILDREN WARNING

See label for **PRECAUTIONARY STATEMENTS** and **DIRECTIONS FOR USE**.

F1813

NET CONTENTS: 2.5 gal (9.48 L)

NET WEIGHT: 27 lbs (12.25 kg)



Manufactured by: Arborjet, Inc.
99 Blueberry Hill Road Woburn, MA 01801

ARBORJET®

TREATMENT USES

- Root Development
- Transplant Success
- Water Stress Management
- Nutrient Deficiencies

- Sandy Soils
- Dry Soil Conditions
- Summer Stress
- Winter Stress

Guaranteed Analysis:

| | |
|--|-------|
| Total Nitrogen (N) | 2.0% |
| 0.50% Urea Nitrogen | |
| 1.50% Other Water Soluble Nitrogen | |
| Available Phosphate (P ₂ O ₅) | 2.0% |
| Soluble Potash (K ₂ 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, Seaweed Extract, Potassium hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

SOIL AMENDING GUARANTEED ANALYSIS:

| | |
|--------------------|--|
| Active Ingredients | |
| 22.0% | Humectants |
| 4.0% | Non-ionic Surfactant |
| 4.0% | Seaweed Extract (Microbe Food) |
| 2.0% | Humic Acid (Derived from Leonardite) |
| 68.0% | Total Other (Inert) Ingredients (Carriers, as non-plant food ingredients) |

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

SHAKE WELL



LIQUID SOIL APPLIED FERTILIZER

NutriRoot is a unique blend of essential minerals, seaweed extract, humic acid, surfactants, and humectants designed to increase root development and to reduce water stress in trees, palms, shrubs, landscape, and containerized plants.

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 to soil at transplant or in fall after leaf senescence, early spring before bud break or leaf emergence, 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 40°F to decrease plant stress during winter cold. Fall applications may reduce winter desiccation in new plantings or existing landscapes.

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. Add NutriRoot to tank with water to reduce foaming. 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 higher rate for routine maintenance and to alleviate drought stress. Use lower rate on newly installed herbaceous and containerized plants. For use in existing landscapes, new installations, see instructions below.

New Tree and Shrub Installation
Apply NutriRoot directly to the soil in containerized plants or spray the base of balled/burlapped trees and shrubs to ensure your watering is more efficient. Applications

made to the root ball prior to planting may help with root establishment. Apply 1/4 to 1-gallon of solution per inch DBH for trees and 1/2 to 1-gallon solution for each diameter foot of shrub canopy. For new plantings, soak the soil and root ball with NutriRoot solution. Water in after planting.

Existing Landscapes

Applications to existing landscapes can be made before bud break, monthly during the growing season (particularly during hot, dry months) and after leaves have dropped in the fall. To reduce winter stress, treat before the ground temperature drops below 40°F. Use to loosen compacted soils and help alleviate abiotic stress. Apply at a rate of 1-gallon of solution per inch DBH for trees or 1-gallon of solution per diameter foot of canopy for shrubs. For trees, shrubs, palms, perennials, annuals, containerized, garden, and vegetable plants, apply once every 14 to 28 days through the growing season.

New Tree Installations Using Gator Bag®

Drench soil with NutriRoot before and after transplanting to help with root establishment. When using a TreeGator Bag (or similar product), add NutriRoot at a rate of 1.5 fluid ounces per fifteen (15) gallons of water until established.

SOIL INJECTION

NutriRoot may be applied via soil injection to existing trees, shrubs, and herbaceous plants. For soil injection applications using the AccuFlo Soil Injector (SD) or similar equipment, fill tank to 3/4 volume with water, then add 16 fl. oz. of NutriRoot per gallon of water. Slowly add remaining water to volume to reduce foaming. For soil injection using the AccuFlo Soil Injector (SD) or similar equipment, start injections a minimum of 18 - 36" away from the trunk. Apply NutriRoot solution around the tree and out to the drip edge following a grid pattern. Inject 6 - 8" deep into the soil, working around the tree, making applications once every 18" on-center in sequential rows extending to the drip edge. Be sure to target the active growing root area around the base of trees. For woody plants, including trees and shrubs, apply in spring and fall months, at a minimum of twice per year.

When tank mixing with other compatible products for soil injection, mix 8 fl. oz. NutriRoot in 1-gallon of water. For soil injection use rates in trees and shrubs, see the Soil Injection Use Rates in the table below.

NutriRoot (2.5 Gallon) 030-4105



ARBORJET

Rev 5/2023

Soil Injection Use Rates:

| Tree Size (DBH") | Shrub Size (Diameter ft. Canopy) | Dose (mL) | No. of Injection Sites |
|------------------|----------------------------------|---|---|
| 1 - 2 | 1 - 2 | 100 | 4 |
| 3 | 3 | 150 | 4 |
| 4+ | 4+ | Trees: 150 - 300 mL/DBH" Shrubs: 150 - 300 mL/Diameter ft. of canopy | Trees: 1 per DBH" Shrubs: 1 per Diameter ft. of canopy |

For soil injection using a 300 mL dose, divide DBH by 2 for trees. For shrubs, divide the diameter foot of canopy by 2. For odd numbered injection sites in trees and shrubs, round up to the nearest whole number (Example: 5" DBH / 2 = 2.5, or 3 injection sites).

SOIL INJECTION IN PALMS

Make applications in spring and fall (February to May and October to November). Applicators should check with their local extension service agent for information on black-out periods. To soil inject, start a minimum of 18 - 36" away from the trunk. Apply NutriRoot solution around the tree and out to the drip edge following a grid pattern. Inject 6 - 8" deep into the soil, working around the tree, making applications once every 18" on-center in sequential rows extending to the drip edge. Be sure to target active growing root area. To mix, fill tank to 3/4 volume with water, then add 8 - 20 fl. oz. of NutriRoot per gallon of water. Slowly add remaining water to volume to reduce foaming. For palm class size and use rates, see Palm Class Size and Soil Injection Use Rates in the table below.

Palm Class Size and Soil Injection Use Rates:

| Palm Class Size | Canopy Spread (ft.) | Trunk Height (ft.) | Fl. oz. Per Gal of NutriRoot | Fl. oz. (mL) or Solution to Apply | Militi- ters / Injec- tion Point | No. of Injec- tion Points |
|-----------------|---------------------|--------------------|------------------------------|-----------------------------------|----------------------------------|---------------------------|
| Small | 6 - 12 | 5 - 19 | 8 fl. oz. | 50 fl. oz. (1500 mL) | 300 | 3 - 6 |
| Med | 12 - 24 | 20 - 39 | 16 fl. oz. | 1 gal (3.75 L) | 300 | 6 - 12 |
| Large | ≥ 24 | ≥ 40 | 20 fl. oz. | 1.5 gal (5.5 L) | 300 | 12 - 24 |

TANK MIXING

NutriRoot is compatible with other fertilizer products and may be mixed with acidic fertilizers and soil conditioners. NutriRoot works synergistically in combination with slow-release fertilizers.

PHYSICAL COMPATIBILITY / MIXING

NutriRoot is incompatible with liquid hydroxides and alkaline products (pH > 7.5). The physical compatibility of NutriRoot should be tested before use with other products. Perform a standard "jar test" to check compatibility with other products before mixing. Contact Arborjet with any questions regarding testing and to determine the physical compatibility of NutriRoot with other products.

RESTRICTIONS

- Do not treat trees that are damaged by herbicides
- In areas with alkaline water, an acidifier may be added.
- Do not treat trees when soil temperature is <35°F
- Keep away from heat and open flame
- Clean up from storage, disposal and warranty

CLEAN-UP, STORAGE, DISPOSAL AND WARRANTY

(IMPORTANT!) Rinse equipment thoroughly after use. Use warm soap and water.

- 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) or 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 General Directions.

Manufactured by: Arborjet, Inc., 98 Blueberry Hill Road, Woburn, MA 01801

NutriRoot® is a trademark of Arborjet, Inc.

TREEGATOR® is a USA/EU registered trademark of Spectrum Products Inc. USA