

# ArborPlex®

# 14-4-5

50% SRN

## A BIOPRO SPECIALTY BLEND

### Benefits of Use:

- Consistent, extended feeding
- Improved stress tolerance
- Provides essential micronutrients
- Improved vigor, especially in urban trees
- Promotes both root and shoot growth
- Reduces transplant stress

### Problems Addressed:

- Nutrient deficiencies
- Loss of vigor
- Adverse growing conditions
- Depleted soils

ArborPlex (14-4-5) is a liquid nutrient solution designed to optimize tree and shrub health. Slow release nitrogen is supplied from a urea-triazone solution, which provides consistent, extended feeding. The phosphorus from BioPro's Enviro P improves soil availability to enhance root development. Potassium is supplied as potassium hydroxide (KOH), providing higher solubility and low salt index. ArborPlex also contains fully chelated micronutrients to enhance color and relieve deficiency symptoms

1 Gal Jug (3.79 L)  
Net Wt. 10.56 lbs. (4.79 kg)  
Model No.57519

**BIOPRO**<sup>®</sup>  
TECHNOLOGIES

### APPLICATION INSTRUCTIONS:

ArborPlex can be applied through soil drench, root injection or foliar feeding. It may be applied alone or tank mixed with other products. Shake well before using.

### ROOT ZONE INJECTION:

**General Rate:** Mix 1.25 gallons (160 fl. oz.) of ArborPlex with 98.75 gallons of water per 100 gallons of tank mix. Apply 2 to 4 times per year.

**Specific Rate:** For specific desired lbs. of nitrogen (N) per 1000 sq. ft., use the table below to determine the volume of ArborPlex to add per 100 gallons of tank mix.

Desired lbs. of N*	Fl. oz. of ArborPlex	Gallons of ArborPlex
0.5	86.5	0.68
1.0	173.0	1.35
2.0	346.0	2.70

\*based on application volume when using 50 gallons / 1,000 sq. ft. from 100 gallon tank mix batch.

**Trees:** Apply 50 gallons of solution per 1,000 sq. ft. Inject 4-8 inches into the soil where the feeder roots typically occur. Begin injections 2 feet from the base of the tree and work in a grid pattern away from the tree to within 2 feet of the drip line. Apply 1 pint (16 fl. oz.) of diluted solution per injection site at 18 inch spacing or ½ gallon (64 fl. oz.) of diluted solution per injection site at 3 foot spacing.

**Shrubs:** Inject one pint (16 fl. oz.) of diluted solution per injection site. Inject 4-6 inches into the soil with 1.5 foot spacing between injections.

### FOLIAR FEEDING:

To correct deficiencies that may occur during the season, mix 2 to 3 quarts of ArborPlex with 100 gallons of water. Spray the mixture onto the foliage until it begins to drip off. Do not foliar feed during drought conditions or when air temperature exceeds 85°F.

**COMPATIBILITY:** Perform a standard "jar test" to check compatibility with other products before mixing.



### WARNING

CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION  
HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand. Avoid breathing mist or spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Recommended PPE: Wear protective gloves, protective clothing, eye protection, face protection, and other personal protective equipment as required.

**FIRST AID: IF SWALLOWED:** Call a poison center and/or doctor if you feel unwell. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing eyes. Seek medical attention if eye irritation persists. **IF ON SKIN:** Rinse skin with water or shower.

**STORAGE & DISPOSAL:** Store between 40°-120°F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Dispose of contents/container in accordance with local/regional/national and international regulations.

Refer to product SDS for additional safety instructions.

### Guaranteed Analysis:

Total Nitrogen (N) .....	14.00%
1.40% Ammoniacal Nitrogen	
0.95% Nitrate Nitrogen	
4.60% Urea Nitrogen	
7.05% Other Water Soluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	4.00%
Soluble Potash (K <sub>2</sub> O) .....	5.00%
Iron (Fe) .....	0.10%
0.10% Chelated Iron	
Manganese (Mn).....	0.05%
0.05 Chelated Manganese	
Zinc (Zn).....	0.05%
0.05% Chelated Zinc	

### Derived From:

Urea, Urea-Triazone Solution, Ammonium Nitrate, Anhydrous Ammonia, Phosphoric Acid, Potassium Hydroxide, Ferrous Citrate, Manganese Citrate, and Zinc Citrate.

\*7.05% Slow Release Nitrogen (50% of the total N) from Urea-Triazone Solution

### Physical Characteristics:

10.56 lbs./gal. @ 68°F (1.48 lbs. N/gal.,  
0.42 lbs. P<sub>2</sub>O<sub>5</sub> / gal., 0.53 lbs. K<sub>2</sub>O/gal.)

Information regarding the contents and levels of metals in this product is available on the internet at:  
<http://www.aapfc.org/metals.html>

Information about the components of this lot of fertilizer may be obtained by writing to BioPro Technologies, LLC,  
4060 SE 45th Court, Ocala, FL 34480