

ArborPlex[®]

14-4-5

With Slow Release Nitrogen

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
- Enhances transplant survival

Problems Addressed:

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

ArborPlex (14-4-5) is a liquid nutrient solution designed to promote optimum tree and shrub health. 7.05% Slow release nitrogen (half of the total N) is supplied from a urea-triazone solution, which provides consistent, extended feeding. A high quality source of phosphorus improves availability within the soil 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.



2.5 Gal. Jug (9.46 L)
Net Wt. 26.4 lbs. (12.0 kg)
Model No. 57513



30 Gal. Drum (113.6 L)
Net Wt. 316.8 lbs. (143.7 kg)
Model No. 57514



275 Gal. Tote (1,041 L)
Net Wt. 2,904.0 lbs. (1,317.2 kg)
Model No. 57516

BIOPRO[®]
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:

Dilution Rate: Mix 1.25 gallons (160 oz.) of ArborPlex per 100-gallon tank. Apply 2-4 times per year or as needed.

Operating pressure: 150 – 200 lbs PSI or ½ gal per 4 seconds

Area Method:

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 1-3 feet out from the trunk to avoid injury to large roots 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: Apply 50 gallons of solution per 1,000 sq. ft. Inject one pint (16 fl. oz.) of diluted solution per injection site. Inject 4-6 inches into the soil with 18 inch spacing between injections.

DBH Method: Use the chart below to determine the volume of diluted solution to apply per inch of trunk diameter at breast height (DBH).

Tree Size (DBH Inch)	Diluted Solution / Inch DBH
Very Small (1-4")	0.5 gallon (64 fl. oz)
Sm (5-7")	1 gallon
Sm - Med (8-11")	1.5 gallons
Medium (12-15")	2 gallons
Med – Lrg (15-19")	2.5 gallons
Large (20+")	3 gallons

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 ₂ O ₅)	4.00%
Soluble Potash (K ₂ 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 from Urea-Triazone Solution

Physical Characteristics:

10.56 lbs./gal. @ 68°F (1.48 lbs. N/gal.,
0.42 lbs. P₂O₅ / gal., 0.53 lbs. K₂O/gal.)

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