



# SOIL-PLUS™

SOIL & PLANT MANAGEMENT SYSTEM

7-0-0

## Description:

**SOIL-PLUS™** is a pro-cellular soil & plant additive that contains Biofeed's exclusive Amino-Carbon Technology® (ACT) that delivers micronized amino acid and carbon molecules to plants and soils. Also contains Biofeeds® oxygen release technology that releases life-giving oxygen to maintain beneficial aerobic biological activity below ground.

This rich combination provides cellular nutrition on a molecular level that feeds and stimulates the growth of beneficial aerobic soil microbes. These work to build better soil structure & reduce compaction. **SOIL-PLUS™** buffers against unwanted *anaerobic* bioactivity by enzymatically releasing oxygen into the soil environment through the action of specialized enzymes. **SOIL-PLUS™** also contains complex organic acids which chelate insoluble soil minerals to enhance plant up-take and buffer free sodium to help leach it out of the root zone to reduce toxicity.

*In the plant*, University Studies show that the **SOIL-PLUS™** base formula increases antioxidant production; photosynthetic capacity and respiration, resulting in improved drought stress and deep, dense root growth.

Including **SOIL-PLUS™** will complete your fertilizer program to produce superior quality turf grass, trees and plants that are more resistant to environmental pressures and disease.

## Application Instructions:

**SOIL, LAWNS & GROUND COVER:** Apply 4-8 ounces per 1000 square feet in 5-10 gallons of water -OR- apply 1-2 gallons per acre in 50- 100 gallons water. Water thoroughly following application. Reapply every 2- 4 weeks.

**TREES & SHRUBS:** Spray 0.5- ounce to 1- gallon of water with power sprayer, hose-end sprayer or dilute in a watering can, drench soil and apply onto foliage to point of run-off.

**GARDENS, FLOWERS, INDOOR & POTTED PLANTS:** Dilute 1-oz in 1-Gallon of water and sprinkle onto soil and foliage to point of run off.

**COMPOSTS:** Apply 8 oz. per cubic yard with watering can or hose-end sprayer every 2 weeks. Turn pile following application.

## Condition of Sale:

The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.

## Storage and Disposal:

Keep products in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state and federal regulations.

Use **SOIL-PLUS™** *year-round* to support natural soil fertility.

## Benefits of Use—In the Soil:

- Releases oxygen into the soil!
- Promotes aerobic biological activity.
- Eliminates or reduces anaerobic Black-Layer conditions caused by a lack of elemental soil oxygen.
- Improves water penetration and retention by enhancing polysaccharide production resulting in improved soil crumb structure.
- Buffers harmful salts.
- Gently buffers soil pH
- Aids seed germination.
- Aids thatch digestion and soil humus formation.
- Easily sprayed on or applied through most fertilizer injection systems.
- Mix or blend with most fertilizers or turf management products.
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## Key Benefits- In the Plant:

- Optimizes root growth producing higher rates of nutrient uptake resulting in healthier top growth and higher overall photosynthetic metabolites that support dynamic plant growth.
- Improves drought tolerance and disease resistance
- Improves plant-cell division aiding in improved repair of greens and tees due to wear.
- Improves biochemical nutrient translocation via cellular transfer within the plant.
- Optimizes cellular activity to produce higher levels of plant sugars, proteins, amino acids, starch reserves to improve Selective Acquired Resistance (SAR).



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**Guaranteed Analysis:**

Total Nitrogen (N)..... 7.0%

5.0% Urea Nitrogen  
2.0% Organic Nitrogen

Derived from Urea and Protein Hydrolysate.

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

**MSDS** available upon request.

**Physical Characteristics:**

8.0 lb/gal. pH 7.2 (1.0 lbs N/gal.)

Jar test for compatibility prior to final tank mixing with other fertilizer products.

**Availability:**

1 quart jug, 2.5 gallon jugs, 55-gallon drums or 275-gallon bulk containers.

**Caution:** Keep out of reach of children. May be harmful if swallowed.

**SHAKE WELL OR STIR BEFORE USE**

May be used in Fertigation Injection Systems.