

# BIOPRO SEAWEED SUPPLEMENTS



- Seaweed Supplements
- Soil Conditioners
- Soil Remediation
- Specialty NPK Blends
- Micronutrients
- Soil Moisture Management
- Combination Products
- Pond & Lake Management

### Benefits of Use:

- Promotes deeper, denser root systems
- Enhances lateral growth
- Speeds recovery and grow-in
- Increases stress tolerance
- Increases transplant survival
- Maximizes nutrient uptake
- Improves salinity tolerance
- Retards turf senescence
- Minimizes frost damage
- Effective on all turf and plants
- Affordable and easy to use
- Compatible with growth regulators

### Problem Conditions Improved

- Shallow or poorly developed root systems
- Weak or thin areas in turf
- Wear in high traffic areas
- Damage from drought, insects or temperature extremes
- Harsh winter conditions

### Active Ingredients:

Cytokinins, as kinetin.....50 ppm  
(based on bioassay)

### EPA Registration #90022-1

### Physical Characteristics:

9.0 lbs./gal.; pH 7.0

NON PHYTOTOXIC

Not a plant food product

### Container Sizes & Model Numbers:

1 Quart Bottle	Model #57315
1 Gallon Jug	Model #57310
30 Gallon Drum	Model #57312



Bermuda grass sod field regrowth after harvest



## Root Hormone Biostimulant

CytoGro® is an EPA registered hormone biostimulant derived from seaweed extracts. A consistent source of cytokinins and auxins, CytoGro stimulates root growth; encourages tiller, rhizome and stolon production; increases vigor; and improves stress tolerance for fine turf, lawns, trees, landscape ornamentals and flowering plants. Additionally, CytoGro contains hormone cofactors, such as amino acids, vitamins, proteins, carboxylic acids, mannates, and sea minerals, which allow the product to be effective at low rates. By amplifying root mass, CytoGro not only improves plant health, it also aids in the uptake of water, fertilizers and pesticides, saving both time and money.

CytoGro has been tested by many renowned turf grass experts including: Dr. Richard Schmidt, Virginia Polytechnic Institute; Dr. Jack Fry and Dr. Roch Gaussoin, Kansas State University; and Dr. Carlos Blanco-Montero, University of New Mexico.

### Application Instructions:

CytoGro can be applied through fertigation or conventional spray. It may be applied alone or tank mixed with other products.

### Turf:

**Initial Application:** Apply 0.8 oz. of CytoGro per 1,000 sq. ft. (2 pints per acre).

**Monthly Application:** Following the initial application apply 0.4 oz. of CytoGro per 1,000 sq. ft. (1 pint per acre). To maximize performance, maintenance rates may be split in weekly or bi-weekly applications.

**Note:** CytoGro is best applied as a foliar spray in the late afternoon or early morning with leaves being allowed to dry. For additional root growth and green-up from CytoGro, tank mix with iron sulfate or chelated iron.

### Transplanting Trees, Shrubs and Ornamentals:

Add 1 fl. oz. of CytoGro per 3 gallons of transplant solution.

### Landscape Maintenance:

To improve flowering and stress tolerance of bedding plants; to speed up the correction of nutritional deficiencies, such as iron chlorosis; and to enhance nutrient uptake in root feeding of trees and shrubs. Mix 1 fl. oz. of CytoGro per 3 gallons of water and apply through fertigation, soil drench, foliar spray or root injection. Apply every 2 to 4 weeks or as needed.

### Compatibility:

CytoGro is compatible with most commonly used turf and ornamental products. A standard "jar test" is always recommended to confirm compatibility.

### Handling and Storage:

Store between 40°-120° F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Keep out of reach of children. Refer to product SDS for additional safety instructions.

For additional information, refer to the CytoGro flyer, label and/or SDS.

