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FOLIAR



# PROTESYN 6-2-3

EVERY ESSENTIAL AMINO ACID

*ProteSyn* is a new and improved proprietary formulation of concentrated amino acid proteins and carbohydrates fortified with plant enzymes, vitamins, plant sugars, and other simple and complex carbons in a 6-2-3 nutrient base.

*ProteSyn* contains high concentrations of components necessary to encourage:

- Enhanced Growth in Low Light / Shade Conditions
- Exceptional Compatibility & Product Stability
- Improved Plant Strength
- Plant Energy
- Converting Excessive Nitrogen
- Linear Uptake of Nutrients

Sustenance of plant health requires production of mature proteins through completion of photosynthesis.



*ProteSyn* conserves plant energy and directly improves its photosynthetic efficiency by providing complete amino acids and carbohydrates and facilitating the formation of mature proteins which are usually deficient in turfgrass under stress and intensive use.



[www.floratine.com](http://www.floratine.com)

plant strength

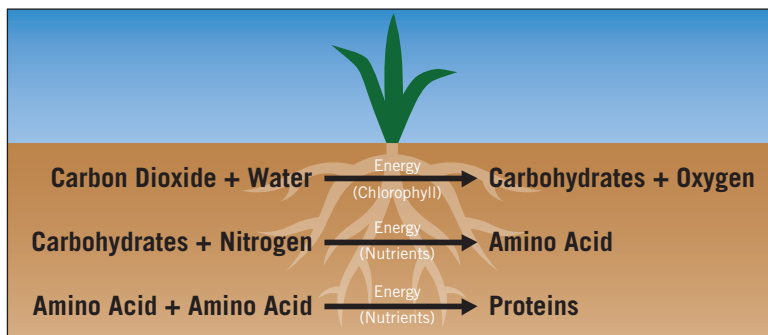
## TECHNICAL INFORMATION

**AMINO ACIDS** - Required for complete and mature protein formation.

**CARBOHYDRATES** - Simple and complex carbon form energy necessary for photosynthesis.

**PROTEINS** - Facilitates the creation of mature proteins, the building block of cell division.

**VITAMINS** - Necessary for plant digestion and photosynthesis.



## NUTRIENT CONTENT

Total Nitrogen (N) . . . . . 6.00%  
 1.00% Ammoniacal Nitrogen  
 3.00% Urea Nitrogen  
 2.00% Organic Nitrogen  
 Avail. Phosphate (P<sub>2</sub>O<sub>5</sub>) . . 2.00%  
 Soluble Potash (K<sub>2</sub>O) . . . . 3.00%

Derived from urea, ammonium phosphate, and potassium thio-sulfate.

Net Weight: 9.08 lb/gal  
 1.088 kg/L

## PROFESSIONAL USE GUIDELINES

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**APPLICATION:** Apply with any equipment that delivers a fine even spray mist to the target area utilizing 02-04 tips for a total spray volume of 20-40 gpa (200-350 L/ha). Do not water in. Wait at least 2 hours to irrigate. Where light to even heavy thatch exists, soil has been lightly spiked and/or where soil has a good infiltration rate, **ProteSyn** can be used effectively as a soil supplement. When utilized as a soil supplement material should be watered into the upper soil zone.

**RATE OF APPLICATION:** Apply at the rate of 6-9 fl oz / 1000 sq ft (20-30 L/ha) as a foliar spray on the initial application. Maintenance applications at 3-6 fl oz / 1000 sq ft (10-20 L/ha) every 10-14 days are advised. Apply at the rate of 9-12 fl oz / 1000 sq ft (30-40 L/ha) for soil applications and repeat every 15-30 days.

**COMPATIBILITY:** **ProteSyn** is tank mix compatible with many systemic fungicides, insecticides, and nutrient solutions. Jar test when in doubt. For best mixing results, remove tank strainer prior to product addition.



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