



# 14-2-4

with Micros and L-Amino Acids

Foliar-Pak® 14-2-4 provides reliability and controlled turfgrass growth under any environmental condition.

## PRODUCT DESCRIPTION

- Foliar-Pak® 14-2-4 contains plant available amino acids that significantly increase nutrient uptake and utilization. Amino acids help the plant maintain proper metabolic functions, giving the plant a significant health advantage regardless of the weather.
- Foliar-Pak® 14-2-4 gives the plant instant and continued feeding with 35% of the nitrogen being controlled release. 14-2-4 continues to impress days after the initial application.
- Foliar-Pak® 14-2-4 will enhance the overall performance of plant growth regulators and fungicides.

## BENEFITS

- L-18 amino acids are easily absorbed by living plants.
- Improves plant uptake of all tank mix nutrients.
- Utilization of L-18 amino acids allows the plant to conserve ATP energy and apply that energy toward other metabolic processes.
- Foliar-Pak® supplies amino acids specific to increasing plant photosynthesis. This helps plants become even more energy efficient leading to better overall health.
- L-18 amino acids are used by the plant to create proteins, which maintain structural, metabolic, and transport functions within the plant.
- L-18 amino acids provide the plant with effective cell protectants which allow the plant to maintain viability during periods of heat, drought, and salt stress.
- Specifically formulated combination of controlled and readily available nitrogen provides immediate and lasting results.

## GUARANTEED ANALYSIS

|  |       |
|--|-------|
| Total Nitrogen (N).....                                    | 14.0% |
| 8.0% Urea Nitrogen (N)                                     |       |
| 0.8% Nitrate Nitrogen (N)                                  |       |
| 5.2% Slowly Available Water Soluble Nitrogen (N)*          |       |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) ..... | 2.0%  |
| Soluble Potash (K <sub>2</sub> O) .....                    | 4.0%  |
| Iron (Fe) .....  | 0.25% |
| 0.25% Chelated Iron (Fe)                                   |       |
| Manganese (Mn).....  | 0.25% |
| 0.25% Chelated Manganese (Mn)                              |       |

Derived from: urea - triazone solution, low biuret urea, potassium phosphate, potassium nitrate, potassium hydroxide, amino acids iron EDTA, manganese EDTA

\*Slowly available nitrogen from urea-triazone nitrogen

## NON PLANT FOOD INGREDIENTS

|                                    |      |
|------------------------------------|------|
| L-Amino Acids .....                | 2.5% |
| Derived from: protein hydrolysates |      |

### NITROGEN RATES:

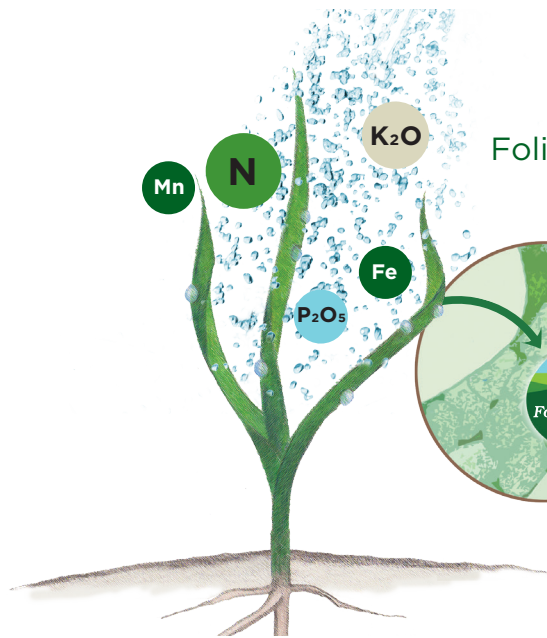
|                                      |
|--------------------------------------|
| 3 fl oz = 0.04 lbs N per 1000 sq ft  |
| 4 fl oz = 0.05 lbs N per 1000 sq ft  |
| 5 fl oz = 0.06 lbs N per 1000 sq ft  |
| 6 fl oz = 0.07 lbs N per 1000 sq ft  |
| 9 fl oz = 0.10 lbs N per 1000 sq ft  |
| 12 fl oz = 0.14 lbs N per 1000 sq ft |

### PRODUCT INFORMATION:

|                              |
|------------------------------|
| 1.46 lbs Nitrogen/Gallon     |
| Weight per Gallon: 10.49 lbs |
| pH: 8.7                      |

**Foliar-Pak® 14-2-4 is intended as a supplement to a regular fertilization program and may not by itself provide all the nutrients normally required by plants**

*NOTICE: ENP Investments LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. ENP Investments LLC will not be responsible for incidental or consequential damage resulting from the use of this product contrary to instructions or under abnormal conditions or under conditions not reasonably foreseeable to ENP Investments LLC.*



Foliar-Pak® is the ultimate foliar nutrient system.

Foliar-Pak® technology drives nutrients into cells quickly addressing plant needs.

Natural humectants allow re-wetting of nutrients for extended foliar uptake.

## IMMEDIATE VISUAL RESULTS + PLANT STRESS ELIMINATION = FOLIAR-PAK®

### DUAL AMINO ACID TECHNOLOGY

Amino polymer technology and L-18 amino technology compliment one another by combining solution stabilizing features, facilitating better uptake of nutrients and chemicals while providing positive health response within the plant.

**Amino Polymer Technology** utilizes unique carbon chemistry which is effective in complexing nutrition and maintaining stability of foliar solutions. This results in increased uptake of foliar absorbed nutrition. It allows foliar spray solutions to remain in liquid phase for a longer time period which increases the window of foliar uptake. Amino polymer technology maximizes plant nutrition, allowing better use of low dose applications.

**L-18 Amino Technology** is an exclusive L-Amino acid package derived through enzyme hydrolysis of soybean plants, resulting in 100% L-Amino acids of the highest integrity. L-Amino acids derived from plant matter provide a highly consistent source of 18 primary amino acids. The result is a balance of naturally occurring amino acids in the most suitable ratios for plant health. When applied to turfgrass, these L-Amino acids yield extraordinary plant responses and outstanding health characteristics.

| GENERAL USE GUIDE  |   |
|--|---|
| This product can be mixed with most fertilizers and chemicals. A compatibility test should be performed prior to use. Shake product prior to use. Maintain agitation during mixing and application. For foliar applications delay irrigation or mowing for 12 to 24 hours. |   |
| <b>Golf Course Greens</b>  | Apply 3.0 to 12.0 fl oz per 1,000 sq ft in enough water to provide sufficient foliar coverage.<br>Repeat application every 7 to 14 days.<br>Transition and warm season turf may require more frequent applications. |
| <b>Golf Course Tees and Fairways</b>   | Apply 3.0 to 6.0 fl oz per 1,000 sq ft in a minimum of 1 gal per 1,000 sq ft of spray solution.<br>Repeat application every 2 to 3 weeks.   |
| <b>Lawns and Athletic Fields</b>   | Apply at 2 to 5 gal per acre in a minimum of 88 gal per acre of spray solution.<br>Use the lower rates if daytime temperatures exceed 85 degrees or if turf is exhibiting symptoms of drought stress.               |

