



# Foundation Forty

4-0-8 Amino Acid Concentrate

Foliar-Pak® Foundation Forty is a highly concentrated, engineered blend of specific amino acids for increased nitrogen fixation, chlorophyll production, energy production, and the production of anti-stress compounds.

## PRODUCT DESCRIPTION/BENEFITS

### Better Stress Tolerance

Foliar-Pak Foundation Forty provides the amino acid inputs necessary to increase production of key anti-stress osmolytes such as gamma-aminobutyric acid and proline, which are loaded into the vacuole of the plant. Plants depend on these osmolytes to regulate water storage under drought, salt, and cold temperature stress.

### Better Plant Energy

Foliar-Pak Foundation Forty supplies specific amino acids that work to increase in nitrogen fixation, chlorophyll production, and carbon fixation, three essential plant functions that directly impact plant energy. This leads to better production and storage of carbohydrates allowing the plant to build energy reserves which it can draw upon in times of need.

### Improved Uptake and Utilization

Foliar-Pak Foundation Forty facilitates greater uptake of nutrients and chemicals in two ways: by directly complexing and moving them through transcuticular pores or by loading metabolites into the stomatal guard cells. This flexes those pores open allowing easier entry and resulting in better performance of many tank-mix chemistries.

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	4.0%
4.0% Water Soluble Organic Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	8.0%
Derived from: soy protein hydrolysate, potassium acetate	

## NON PLANT FOOD INGREDIENTS

Free Amino Acids .....	40.0%
------------------------	-------

## PRODUCT INFORMATION:

Weight per Gallon: 12.4 lbs  
pH: 10.2



## GENERAL USE GUIDE

This product is tank mix compatible with most fertilizers and pesticides. However, due to variability in water sources and pesticide formulations a compatibility test is recommended. For foliar applications delay irrigation or mowing for 12 to 24 hours.

<b>Golf Course Greens and Tees</b>	<p><b>Maintenance Applications:</b> Apply 0.5 to 1.5 fl oz per 1000 sq ft every 7 to 14 days.</p> <p><b>Turf Recovery or Intense Stress:</b> Apply 1.5 to 3.0 fl oz per 1000 sq ft every 7 to 14 days until turf sufficiently recovers.</p>
<b>Fairways Sports Turf</b>	<p>Apply 0.5 to 1.5 fl oz per 1000 sq ft.</p> <p>Tank mix with other fertilizers and pesticides for increased absorption and better turf health.</p> <p>Repeat applications every 14 to 28 days.</p>
<b>Professional Lawn Care</b>	<p>Apply 0.5 to 1.5 fl oz per 1000 sq ft.</p> <p>Tank mix with other fertilizers and pesticides for increased absorption and better turf health.</p> <p>Repeat applications every 30 to 45 days.</p>

**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 a registered trademark used under license by ENP Investments LLC.

