

# At A Glance

## Substain-N®

### Description

Substain-N is a clear liquid fertilizer, delivering 50% slow release nitrogen to the plant through Urea Triazone. Substain-N provides up to 90 days of controlled nitrogen to the plant and can be applied via foliar sprays or through fertigation practices. Substain-N is primarily used on lawn, ornamental and turf grasses but can be used on all types of agriculture crops . It's compatible with other NPK Fertilizers and can be tank mixed with most herbicides, insecticides and Fungicides, be sure to always jar test. When used correctly its superior to UAN for several factors, usable nitrogen to the plant, less off gassing and less leaching. providing increased yeilds, and longer green in turf grasses .

### Handling and Storage

- Store in a cool place out of direct sunlight
- Not compatible with acids or acidic materials, and Copper and Zinc alloys. Always conduct a jar test to verify compatibility
- For best results use within 1 year

### Functions of Nitrogen in Plants

- Mainly involved in photosynthesis
- Essential component of chlorophyll
- Promotes plant fruit set and vigor

### Symptoms of Nitrogen Deficiency

- Yellowing of leaves (oldest first)
- Poor/Stunted growth/reduced yield
- Overall less foliage canopy
- In turf grass, yellowing starts at the tips and leaf blades become pale or light green in color

### Shipping

Available in Bulk or IBCs

30%

SUBSTAIN-N®

SLOW RELEASE  
NITROGEN

### Chemical & Physical Properties

pH	9.0 - 11.0
Salt-Out Temperature	0°F (-17°C)
Color	Colorless
Odor	Clear or Colorless
Weight per Gallon @ 60F (15.5°C)	10.50 lbs/gal (1.25 kg/L)
Gallons per ton	190.47 gal/ton

### Typical Analysis

Total Nitrogen	30.00%
Urea Nitrogen	15.00%
Other Water Soluble Nitrogen	15.00%

\*15% Slow Release Nitrogen derived from Urea-Triazone.



1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
[www.trademarknitrogen.com](http://www.trademarknitrogen.com)  
813 626 1181