

At A Glance

Substain-N®

Description

Substain-N is a clear liquid fertilizer, delivering 72% 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 yields, 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

28%

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)	10.6 lbs/gal (1.27 kg/L)
Gallons per ton	188.68 gal/ton

Typical Analysis

Total Nitrogen	28.00%
Urea Nitrogen	7.80%
Other Water Soluble Nitrogen	20.20%

*20.2% Slow Release Nitrogen derived from Urea-Triazone.



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