



*Known Worldwide
For Being Simply
the **Best...**
Natural Fertilizers
& Soil Builders*

Description:

Sustane 18-1-8+Fe is for top dressing containers and field grown trees. 18-1-8+Fe is a natural base 15.3% slow release nitrogen (SRN) 85% of the total N—fertilizer complete with five different sources of nitrogen: two forms of organic nitrogen and Sustane iron-chelated compost homogenized with methylene urea and ammonium sulfate, then blended with sulfur coated urea (SCU).

Top dressing with Sustane 18-1-8+Fe is an economical and safe method to feed plants longer into the growing season.

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SUSTANE®

**GRANULATED NATURAL BASED
SLOW RELEASE NITROGEN FERTILIZER
FOR NURSERY, GREENHOUSE & LANDSCAPE
90–120 DAY NUTRIENT RELEASE AT 70° F**

***Benefits of Sustane® 18-1-8+Fe
Slow Release Nitrogen Fertilizer***

- Sustane 18-1-8+Fe provides 12-16 week nutrient release in containers
- 15.3% (85% of total N) slow release nitrogen for dependable performance and high quality plants
- Designed, tested and proven to provide equal or superior growth results compared to nursery industry standard top dress fertilizers
- Enhances soil-plant nutrient exchange increasing uptake efficiency
- Low burn potential, nutrients released gradually over time
- Sustane 18-1-8+Fe supplies all primary, secondary and micronutrients required for plant growth
- Sustane Natural Fertilizers for professional nursery, greenhouse and landscape are the new generation in environmentally friendly plant nutrition with minimal impact on the non-target environment

Sustane® 18-1-8+Fe Product Use

For the past several years Sustane has evaluated the use of natural based fertilizer products to provide enhanced fertility delivery to ornamental crops. The five sources of nitrogen utilized in Sustane 18-1-8+Fe provides ornamental plants with a consistent supply of nutrients over 90 to 120 days. Safe and economical, this product is perfect for supplementary or primary feeding of container stock, for spring fertilization of landscape plants, and as an economical nutrient source for field stock. This product was designed specifically for topdress method of application and should not be incorporated into a potting substrate.

Sustane® 18-1-8

NURSERY, GREENHOUSE & LANDSCAPE

Product Specifications

Container Topdressing Application Rates in grams

Rate	Container Size								
	5" Std.	6" Std.	1 gallon	2 gallon	3 gallon	5 gallon	7 gallon	10 gallon	15 gallon
Low	2	3	4	9	16	25	35	43	46
Med	4	7	10	22	37	60	78	103	111
High	5	10	16	32	57	92	131	159	170

Low Rate: Recommended for salt sensitive species; when concurrent with liquid feed; with production systems utilizing low leaching fractions (less than 10%); and when applied to heavy potting substrates (total porosity less than 65%).

Medium Rate: Recommended for use on medium feeding species; on most nursery stock and foliage plants; and when liquid feed is not performed.

High Rate: Recommended for use on heavy feeding species; with production systems utilizing high leaching fractions (greater than 20%); and when applied to light, porous substrates (total porosity greater than 80%).

Bulk Density of Sustane 18-1-8

Rounded Measure	Grams
1 teaspoon (tsp)	3.2
1 Tablespoon (Tbs)	9.5
1 oz.	19
1/4 cup	38
1/2 cup	76
1 cup	152

Available Particle Size:

Medium Grade, 220 SGN (2.8mm - 1.4 mm)

Guaranteed Analysis

Total Nitrogen (N).....	18%
11.5% Urea Nitrogen*	
1.3% Other Slowly Available Water Soluble Nitrogen**	
2.7% Ammoniacal Nitrogen	
2.5% Water Insoluble Nitrogen**	
Available Phosphate (P2O5)	1%
Soluble Potash (K2O)	8%
Calcium (Ca).....	1%
Magnesium (Mg).....	0.5%
Sulfur (S combined)	5.5%
Boron (B).....	0.02%
Copper (Cu).....	0.01%
Iron (Fe).....	1%
Manganese (Mn).....	0.05%
Molybdenum (Mo)	0.03%

Derived from aerobically composted turkey litter, hydrolyzed feather meal ammonium sulfate, iron sulfate, methylene urea, sulfate of potash, and sulfur coated urea.

*11.5% slow release urea nitrogen from sulfur coated urea.

3.8% slowly available nitrogen from aerobically composted turkey litter, hydrolyzed feather meal and methylene urea.

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