



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

Description:

Sustane 16-4-8 was developed as a combination fertilizer to provide nursery stock with a time released 4-1-2 nutrient package blended with a 50% Sustane humus rich, premium organic base. Sustane 16-4-8 is perfect for production of perennials and woody ornamentals. Nursery producers can use Sustane 16-4-8 to grow beautiful Azalea, Holly, Weigelia, Crape Myrtle, Cotoneaster, Boxwood, Spiraea, Salvia, Hibiscus, and Daylily.

Sustane 16-4-8 Nursery Fertilizer is available in both 120-day and 180-day release profiles to meet the needs of your production cycle. Sustane 16-4-8 Nursery Fertilizer is derived from aerobically composted turkey litter, polymer coated urea, polymer coated MAP, and polymer coated potassium nitrate.

16 • 4 • 8

SUSTANE®

**NATURAL ORGANIC + COATED CONTROLLED
RELEASE FERTILIZER FOR NURSERY,
GREENHOUSE & LANDSCAPE APPLICATIONS
120 – 150-DAY NUTRIENT RELEASE AT 70° F**

Benefits of Sustane® 16-4-8 Organic + Controlled Release

- Sustane® Organic + Sumicoat™ Controlled Release Fertilizers (CRF) are the new generation in environmentally friendly plant nutrition with minimal impact on the non-target environment
- Sustane® 16-4-8 provides 3 – 4-month nutrient release in containers
- Sustane® Organic+CRF produce predictable results, dependable performance and high quality plants
- Designed, tested and proven to provide equal or superior growth results compared to similar formulations (4-1-2 ratio) of nursery industry standards
- Enhances soil-plant nutrient exchange increasing uptake efficiency
- Low burn potential, nutrients release gradually over time
- Sustane® 16-4-8 supplies all primary, secondary and micronutrients required for complete plant photosynthesis

Sustane® Enhanced with Sumicoat™ Controlled Release Fertilizer

Sumicoat™ Controlled Release Fertilizers are polymer-coated controlled release fertilizers initially tested and developed for the rice production markets in several different climates in Japan. Sumicoat products have been used for years to release precisely the right amount of fertilizer to optimize plant growth.

For the past several years Sustane has been evaluating different Sumicoat release products blended with Sustane organics to create the optimal nursery and greenhouse fertilizer combinations. Sustane and Sumicoat have been proven through years of research to provide the winning combination that will not under or over release.

Sustane® 16-4-8

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	4	6	9	20	35	55	79	95	102
Med	6	9	14	30	52	83	119	143	153
High	7	13	20	41	73	116	166	201	215

Container Mix & Landscape Application Rates

Container Mix Rates by Volume					
lb. per cubic yard			kg per cubic meter		
Low	Med	High	Low	Med	High
4	7	9	2.4	4.2	5.3

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%).

Landscape Application Rates by Area					
lb. per 1,000 square feet			kg per 100 square meter		
Low	Med	High	Low	Med	High
9	17	23	4.4	8.3	11.2

Bulk Density of Sustane 16-4-8

Rounded Measure	Grams
1 teaspoon (tsp.)	3.2
1 Tablespoon (Tbs.)	9.7
1 oz.	19.4
1/4 cup	39
1/2 cup	78
1 cup	155

Available Particle Size:

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



Guaranteed Analysis

Total Nitrogen (N)	16%
0.5% Ammoniacal Nitrogen*	
1.8% Nitrate Nitrogen*	
1.7% Water Insoluble Organic Nitrogen**	
11.8% Urea Nitrogen*	
0.2% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	8%
Calcium (Ca)	3%
Magnesium (Mg)	0.5%
Sulfur (S)	1.5%
Boron (B)	0.03%
Copper (Cu)	0.02%
Iron (Fe)	0.25%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.04%

Derived from aerobically composted turkey litter, polymer coated urea, polymer coated potassium nitrate, polymer coated mono-ammonium phosphate, feather meal and sulfate of potash.

*14.1% controlled release nitrogen derived from polymer coated urea, poly coated potassium nitrate and polymer coated mono-ammonium phosphate.

**1.5% slow release nitrogen derived from aerobically composted turkey litter and feather meal.

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