

CONTAINER GRADE



8•4•4

ALL NATURAL SLOW RELEASE NITROGEN FERTILIZER



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45-Day Slow Release Fertilizer

Designed for Professional Greenhouse, Nursery, & Landscape

Guaranteed Analysis

Total Nitrogen (N)	8.00%
0.40% Ammoniacal Nitrogen	
7.20% Water Insoluble Nitrogen*	
0.40% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O)	4.00%
Calcium (Ca)	2.00%
Magnesium (Mg)	0.50%
0.01% Water Soluble Magnesium (Mg)	
Sulfur (S)	1.0%
Iron (Fe)	0.2%
Derived from aerobically composted turkey litter, bone meal, feather meal and sulfate of potash.	
*7.2% slowly available nitrogen from aerobically composted turkey litter and feather meal.	
Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.html	
Store in a cool dry place. Keep out of reach of pets and children.	
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Product Description

Sustane 8-4-4 all-natural fertilizer is ideal for the production of bedding and foliage crops, hanging baskets, herbs and vegetables. Sustane 8-4-4 is excellent for the production of Begonias, Caladiums, Cannabis, Chrysanthemums, Coleus, Deciduous and Herbaceous Plant Cuttings, Geraniums, Hemp, Impatiens, Marigold, Petunias, Vinca, and fruit and vegetable crops and all landscape applications. When used in containers, Sustane 8-4-4, has a nitrogen release profile of 45 days (at soil temperature 25°C / 70°F) with residual nitrogen releasing thereafter.

Container Grade Particle Size Range: 2.8 mm - 0.8 mm

Direction for Use

Sustane 8-4-4 provides constant release of nitrogen for approximately 45 days when used with container substrates with average soil temperature of 70° F / 21° C. When determining application rates consider all cultural practices including irrigation, container substrate physical characteristics and growing environment.

Low Rate: Recommended for use on 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 concurrently.

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%).

Container Topdressing Application Rates in grams

Rate	Container Size								
	5" Std. (12.7 cm)	6" Std. (15 cm)	1 gallon (3.8 L)	2 gallon (7.6 L)	3 gallon (11.4 L)	5 gallon (19 L)	7 gallon (26.5 L)	10 gallon (37.9 L)	15 gallon (56.8 L)
Low	3	6	7	15	28	45	63	77	82
Med	7	13	19	39	67	108	140	186	200
High	10	18	28	59	104	165	237	285	306

• These rates are intended as guidelines. Sustane encourages a trial prior to changing any fertilizer program.

• Do not store container mix more than two weeks after incorporating fertilizer. Plant material can be damaged from salt accumulation.

• If mix is stored longer than two weeks, leaching container mix may be required to remove accumulated salts.

• Do not steam sterilize container mix after fertilizer has been incorporated.

• Monitor electrical conductivity (EC) of container substrate throughout production cycle. Adjust application rate as needed.

Container Mix & Landscape Application Rates

Container Mix Rates by Volume					
lb. per cubic yard			kg per cubic meter		
Low	Med	High	Low	Med	High
5.5	10	15	3.3	5.9	8.9
Landscape Application Rates by Area					
lb. per 1,000 square feet			kg per 100 square meter		
Low	Med	High	Low	Med	High
9	18	28	4.8	8.8	13.7

Bulk Density of Sustane 8-4-4 45-day

Rounded Measure (volume)	Grams (weight)
1 teaspoon (tsp)	2.8
1 Tablespoon (Tbs)	8.5
1/4 cup	34
1/2 cup	68
1 cup	136



Net Wt. 50 lb. (22.68 kg)

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Notice: Read Before Using Product

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Conditions: The printed directions on this package are for the protection of the user. Any use of this product not in conformity with those printed directions is at the risk of the user.
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