

CONTAINER GRADE



8 • 4 • 4 | 45-DAY SLOW RELEASE FERTILIZER



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8 • 4 • 4

45-Day Slow Release Fertilizer

Designed for Professional Greenhouse, Nursery, & Landscape

Guaranteed Analysis

Guaranteed Analysis:	
Total Nitrogen (N).....	8%
0.4% Ammoniacal Nitrogen	
7.2% Water Insoluble Nitrogen*	
0.4% Other Water Insoluble Nitrogen	
Available Phosphate (P2O5).....	4%
Soluble Potash (K2O).....	4%
Calcium (Ca).....	2%
Magnesium (Mg).....	0.50%
0.01% Water Soluble Magnesium (Mg)	
Sulfur (S).....	1%
Iron (Fe).....	0.2%

Derived from aerobically composted turkey litter, rock phosphate, feather meal, and sulfate of potash.

\*7.2% slow release nitrogen derived from aerobically composted turkey litter, feather meal, and sulfate of potash.

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 over 180 days.

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



Net Wt. 50 lb. (22.68 kg)

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Notice: Read Before Using Product

Use of this product is subject to the following disclaimer of warranties and conditions (including limitations of liability).

Disclaimer of Warranties: There are no warranties, express or implied, or merchantability or of fitness for a particular purpose or otherwise, which extend beyond the printed statements on this package. Under no circumstances shall Sustane® Natural Fertilizer, Inc. be liable for any incidental or consequential damage resulting from a failure to use this product in accordance with the printed directions on this package.

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.

Limitations of Liability: In no event shall Sustane® Natural Fertilizer, Inc.'s liability for damages arising out of the use of this product exceed the purchase price of the product.



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