



# 8-2-4

## ALL NATURAL SLOW RELEASE NITROGEN FERTILIZER

**KNOWN WORLDWIDE FOR SIMPLY THE BEST...  
...NATURAL FERTILIZER & SOIL BUILDERS!**

### **SUSTANE® 8-2-4 GRANULAR**

Sustane 8-2-4 natural and organic fertilizer provides a balanced feed that promotes a rapid and vigorous vegetative establishment with 6 - 12 weeks of nitrogen in the organic slow-release form. Sustane replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the primary, secondary and minor nutrients essential for quality growth. Sustane 8-2-4 provides a combination of dense plant nutrients and organic substances derived from biologically stable compost plus natural sulfate of potash and feather meal.

#### **Description:**

Sustane 8-2-4 provides a safe, simple, and cost-effective feeding solution. 8-2-4 provides balanced nutrition from seed through maturity. Sustane 8-2-4 is the perfect fertilizer for when you need significant quantities of organic slow-release nitrogen with low burn potential.

#### **Professional Grade**

Sustane Natural Fertilizer is backed by over 30 years of independent applied research on diverse crops and ecosystems. Unmatched by any other organic fertilizer manufacturer, such research is the foundation for developing products that deliver value under a wide variety of growing conditions. The superior performance of Sustane's products is recognized by growers from around the world.

WELL-BALANCE AND  
NUTRIENT DENSE GRANULAR  
FORMULATED FOR STRONG  
VEGETATIVE GROWTH

### **Benefits of Sustane 8-2-4 All Natural, Slow-Release Nitrogen Fertilizer**

- Formulated to deliver a optimal mix of macronutrients
- Supplies a balanced mix of Ca, Mg, and all essential micronutrients needed to support plant growth
- Adds cation exchange capacity, 6% humic acid, and chelated micronutrients for improved nutrient use efficiency
- Increases nutrient and water holding capacity of the soil
- Enhances plant stress tolerance in any environment or soil type
- Formulated with aerobic compost to support natural soilborne disease suppression
- Supports soil particle aggregation, increasing permeability and nutrient cycling
- Improves soil health

### **Safe for Plants, People and the Environment**

- Can be applied at higher N rates than other organic fertilizers
- Manufactured by Sustane in the USA at an EPA-permitted composting site and OMRI-approved manufacturing process.
- Fully tested and compliant with the Food Safety Modernization Act requirements for fresh fruit and vegetable production
- Approved for certified organic production and export to over 60 countries world wide.
- Formulated for high nutrient use efficiency and reduced risk of nutrient run off
- The most effective organic fertilizer available



## SUSTĀNE INTEGRATED SOIL MANAGEMENT PROGRAM: TURF ESTABLISHMENT, SEEDING, NEW LAWN CONSTRUCTION, LAYING SOD AND SPRIGGING:

**Preplant** - Broadcast and Incorporate into the top 4 in. (10 cm) of soil  
25 lb. per 1,000 ft<sup>2</sup> or 2,200 lb. per acre  
12.5 kg per 100 m<sup>2</sup> or 1,250 kg per hectare

**Postplant** (45-60 days) - Broadcast and water in  
12.5 lb. per 1,000 ft<sup>2</sup> or 1,100 lb. per acre  
6.25 kg per 100 m<sup>2</sup> or 625 kg per hectare

### Hydroseeding

Mix with water solution at a ratio of  
2 lb. Sustāne 8-2-4 to 1 gallon of water / 1 ton per 1,000 gallon tank  
For 44 lb. of N per acre apply 550 lb.  
For 90 lb. of N per acre apply 1100 lb.  
For 130 lb. of N per acre apply 1700 lb.

### Soil Preparation

Light, High Sandy Soil: 3 lb. per 100 ft<sup>2</sup> of bed (15 kg per 100m<sup>2</sup>)  
Medium, Clay Loam Soil: 2 lb. per 100 ft<sup>2</sup> of bed (10 kg per 100m<sup>2</sup>)  
Heavy, Silty, Clay Loam: 1 lb. per 100 ft<sup>2</sup> of bed (5 kg per 100m<sup>2</sup>)

### Landscape Coverage

50 lb. covers 4000 ft<sup>2</sup> @ 1 lb. N per 1000 ft<sup>2</sup> (44 lb<sup>2</sup> N per acre)  
22.67 kg covers 372 m<sup>2</sup> @ 0.5 kg N per 100 m<sup>2</sup> (50 kg N per hectare)  
12.5 lb. per 1000 ft<sup>2</sup> / 6.25 kg per 100 m<sup>2</sup>

### Garden Beds

Broadcast and incorporate 6 to 12 lb. per cubic yard of soil up to the date of planting. Side dress crops during the growing season, gently raking in granules to assure good soil contact. Apply monthly using 1 to 2 cups per 100 ft<sup>2</sup> of growing space.

### Potting and Container Mix Soils

8-2-4 is recommended for growing vegetables, fruits, and flowers in all types of potting mixes. Incorporate up to the day of planting based on plant need, watering regime and pottin mix recipe. Use 6 lb. (low rate) 10 lb. (medium rate), or 15 lb. per cubic yard (high rate). Top dress every 3 to 6 weeks to encourage continual growth. See *Sustane Greenhouse and Nursery brochure* for details.

### Fertilizer Maintenance for Large Trees

Once trees have become well established, apply Sustāne into holes punched into the ground within tree crown drip line. Once the tree has developed a 4-6 inch diameter, increase application rate to 0.75 lb. of Sustāne per inch of tree trunk diameter.

### Storage

Store in a cool, dry place. Do not expose to moisture or extreme temperatures. For best results, use by expiration date printed on label.

Item #	Package Size	Units / Pallet
<b>Sustāne 8-2-4</b>		
<i>FINE GRADE SGN 100</i> (1.4 mm - 0.6 mm)		
30-55-1311	50 lb. bags	40 bags / pallet
30-55-1351	1-ton tote	1 tote / pallet
30-55-1375	50 lb. bags	44 bags / ISPM pallet
<i>MEDIUM GRADE SGN 200</i> (2.8 mm - 1.4 mm)		
30-55-1111	50 lb. bags	40 bags / pallet
30-55-1151	1-ton tote	1 tote / pallet
30-55-1175	50 lb. bags	44 bags / ISPM pallet



### 8-2-4 BULK DENSITY

ROUNDED MEASURE	WEIGHT GRAMS
1 teaspoon	2.8
1 Tablespoon	8.5
1/4 cup	34
1/2 cup	68
1 cup	136

### 8-2-4 Guaranteed Analysis

Total Nitrogen (N) .....	8%
0.8% Ammoniacal Nitrogen	
0.8% Other Water Soluble Nitrogen	
6.4% Water Insoluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2%
Soluble Potash (K <sub>2</sub> O) .....	4%
Calcium (Ca) .....	2%
Magnesium (Mg).....	0.5%
0.01% Water Soluble Magnesium (Mg)	
Sulfur (S).....	1%
Iron (Fe).....	0.1%
Derived from aerobically composted turkey litter, feather meal, and sulfate of potash.	
*6.4% slowly available nitrogen from aerobically composted turkey litter and feather meal	