

# SUSTĀNE

Naturally...

# 5-2-4

## 100% ORGANIC ALL PURPOSE NITROGEN FERTILIZER

### AN ALL ORGANIC FERTILIZER BLEND MADE SINCE 1988

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

## SUSTĀNE® 5-2-4 GRANULAR

### Recommended Use:

5-2-4 All-Natural is recommended for use in all landscaping environments, for soil amendment, pre-planting, and ongoing plant and lawn maintenance.

### Description:

Sustāne 5-2-4 All Natural Slow Release Nitrogen Fertilizer provides 6 - 12 weeks of nitrogen in the organic slow-release form and complies with the National Organic Program standards. Sustāne replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the essential naturally chelated nutrients required for sound and long term soil building programs. Sustāne 5-2-4 All Natural is derived from biologically stable organic compost plus natural sulfate of potash and feather meal (Corn Gluten Meal in EU).

### Professional Grade

Sustāne 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 Sustāne's products is recognized by landscapers worldwide.



### Benefits of Sustāne 5-2-4 Natural Organic

- Adds approximately 8.5% humates by volume
- Strengthens plants' tolerance of hot, dry conditions
- Greater root development
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens
- Increased soil porosity and stability for greater root development and water holding capacity

### Stabilized Organic Matter

Sustāne 5-2-4 All Natural Slow Release Fertilizer was designed with the knowledge that the best way to grow quality plants is to develop and maintain a healthy soil. While synthetic fertilizers supply plant growth nutrients, they do not supply the organic matter required to maintain quality plant life.



## SUSTÅNE INTEGRATED SOIL MANAGEMENT PROGRAM\*\*

### Fine / Medium Grades Application Information:

Suståne 5-2-4 granulated slow release fertilizer and soil builder should be part of any professional landscaper program. Applications of Suståne 5-2-4 throughout the year will continually replenish the soil with a rich supply of humus and microbes which contribute to the efficient uptake of plant nutrients.

### Hydroseeding

- Mix solution at a ratio of 3.2 lb. Suståne 5-2-4 to 1 gallon of water / 1.6 ton per 1,000 gallon tank
- For 44 lb. of N per acre apply 880 lb.
- For 90 lb. of N per acre apply 1800 lb.
- For 130 lb. of N per acre apply 2600 lb.

### Application Rates

#### Coverage

- 50 lb. covers 2500 ft<sup>2</sup> @ 1 lb. N per 1000 ft<sup>2</sup> (44 lb. N per acre)
- 22.67 kg covers 232 m<sup>2</sup> @ 0.5 kg N per 100 m<sup>2</sup> (50 kg N per hectare)
- 20 lb. per 1000 ft<sup>2</sup> = 100 g per 1 m<sup>2</sup>

### Lawn Care Maintenance - Athletic Fields, Parks, and Lawncare

- Apply 2-3 times per season, Spring, Summer, and Fall.
- 20 lb. per 1000 ft<sup>2</sup> (9.8 kg per 100 m<sup>2</sup>)

### Soil Preparation for Flower & Shrub Beds

- Light, High Sandy Soil: 5 lb. per 100 ft<sup>2</sup> (25 kg per 100 m<sup>2</sup>) of bed
- Medium, Clay Loam Soil 3.5 lb. per 100 ft<sup>2</sup> (17.5 kg per 100 m<sup>2</sup>) of bed
- Heavy, Silty, Clay Loam 2 lb. per 100 ft<sup>2</sup> (10 kg per 100 m<sup>2</sup>) of bed

### Fertilizer Maintenance for Large Trees

Once trees have become well established, apply Suståne 5-2-4 into holes punched into the ground within tree crown drip line. Once the tree has developed a 4-6 inch (10-15 cm) diameter, increase application rate to 1.5 lb. of Suståne 5-2-4 per inch (270 g per cm) of tree trunk diameter.

\*\*NOTE: ADJUST FERTILIZER PROGRAM FOR LOCAL CONDITIONS AND REQUIREMENTS.

Item #	Package Size	Units / Pallet
<b>Suståne 5-2-4</b>		
<i>FINE GRADE, SGN 100</i>		
30-30-1311	50 lb. bags	40 bags / pallet
30-30-1351	1-ton tote	1 tote / pallet
30-30-1375 (international)	22.7 kg bags	44 bags / ISPM pallet
<i>MEDIUM GRADE, SGN 200</i>		
30-30-1111	50 lb. bags	40 bags / pallet
30-30-1151	1-ton tote	1 tote / pallet
30-30-1175 (international)	22.7 kg bags	44 bags / ISPM pallet

### 5-2-4 Guaranteed Analysis

Total Nitrogen (N).....	5%
0.5% Ammoniacal Nitrogen	
0.5% Other Water Soluble Nitrogen	
4.0% Water Insoluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	2%
Soluble Potash (K <sub>2</sub> O).....	4%
Calcium (Ca).....	3%
<i>Derived from aerobically composted turkey litter, corn gluten meal, and sulfate of potash.</i>	
*4.0% slowly available nitrogen from aerobically composted turkey litter and corn gluten meal.	

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>