



**SUSTANE**  
Naturally...

**4-6-4 CANADA**  
**ORGANIC STARTER,  
ROOTING, & TRANSPLANTS**

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

## **SUSTANE® 4-6-4 CANADA**

### **Product Description**

Sustane 4-6-4 CANADA is OMRI Canada listed and compliant with Canadian Organic Regime (COR) production. It is an all natural, compost-based organic starter and maintenance fertilizer. It replenishes the soil with a rich supply of humus and all plant essential nutrients. Sustane 4-6-4 provides a balanced mix of slow release nitrogen and other nutrients derived from biologically stable aerobically composted turkey litter, bone meal, sulfate of potash, and feather meal.

### **Recommended Use**

Sustane 4-6-4 CANADA is an organic slow release starter fertilizer and soil builder for all types of plants. Sustane 4-6-4 is the ideal application for general feeding of vegetables, roots, herbs, fruits, and flowers. Allowed for use in the production of certified organic crops.

### **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 products is recognized by nurserymen, master gardeners, farmers, and professional growers around the world.

4-6-4 DELIVERS A BALANCE OF NUTRIENTS, HUMATES, COMPOST-DERIVED MICROBIOLOGY AND SLOW RELEASE NITROGEN IN AN EASY-TO-SPREAD HOMOGENOUS GRANULE

### **Benefits of Natural Organic 4-6-4 CANADA**

- Adds approximately 5% humates by volume, increasing cation exchange and organic matter
- Increases nutrient and water holding capacity of the soil, strengthening plant tolerance to hot dry conditions
- Promotes healthy root development
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens
- Increases soil aggregate stability, porosity, and quality for greater root development and water holding capacity

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

- Manufactured by Sustane in the USA at an EPA permitted facility
- Pathogen and weed seed free
- Contains no pharmaceutical waste
- Allowed for export to over 60 countries world wide.
- Derived from aerobically composted materials, so it won't attract insects or rodents to the application site
- Contains compost-based microorganisms to help replenish life in poor soils
- Fully tested and compliant with the national organic standards and the Food Safety Modernization Act requirements for fresh fruit and vegetable production

While synthetic fertilizers supply plant growth nutrients, they do not supply the organic matter required to maintain quality growth. Using fully composted natural fertilizers increases the levels of beneficial microbial activity, which in turn converts nutrients into plant-available forms.



Sustāne has developed research-based grow programs for nursery and greenhouse cultivation. Visit our website or contact us for more information on other Sustāne products.

## Soil Preparation

Light, High Sandy Soil: 6 lb. per 100 ft<sup>2</sup> of bed (30 kg per 100m<sup>2</sup>)  
 Medium, Clay Loam Soil: 4 lb. per 100 ft<sup>2</sup> of bed (20 kg per 100m<sup>2</sup>)  
 Heavy, Silty, Clay Loam: 2 lb. per 100 ft<sup>2</sup> of bed (10 kg per 100m<sup>2</sup>)

**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%).

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

## 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 4-6-4 CANADA</b>		
<i>MEDIUM GRADE, 200 SGN (2.8 mm - 1.4 mm)</i>		
30-24-1111	50 lb. bags	40 bags / pallet
30-24-1151	1-ton tote	1 tote / pallet

DISTRIBUTED BY:



## 4-6-4 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

### 4-6-4 Guaranteed Analysis

Total Nitrogen (N) .....	4%
0.4% Ammoniacal Nitrogen	
0.4% Other Water Soluble Nitrogen	
3.2% Water Insoluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	6%
Soluble Potash (K <sub>2</sub> O) .....	4%
Calcium (Ca) .....	4%

*Derived from aerobically composted turkey litter, bone meal, sulfate of potash, and feather meal.*

\*3.2% 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>