

8-2-4

NATURAL ORGANIC SLOW RELEASE NITROGEN FERTILIZER



SUSTANE
Naturally...

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

SUSTANE® 8-2-4 GRANULAR

Recommended Use:

Sustane 8-2-4 All Natural Slow Release Nitrogen Fertilizer and soil builder provides 6 - 12 weeks of nitrogen in the organic slow-release form for plant establishment in environmentally sensitive areas and depleted soils. Suitable for revegetation projects, rapid vegetative establishment, erosion control, wetlands and watershed areas, native plant areas, dune and beach restoration, burn area reestablishment, mine site reclamation, oil/gas/coal right of ways and pipelines, highway roadside establishment, protected natural areas, forests, parks, and landscapes.

Description:

Sustane 8-2-4 All-Natural Fertilizer promotes a rapid rate of vegetative establishment and growth. Quick ground cover minimizes soil erosion and the need for repairs or re-seeding. 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 is derived from biologically stable compost plus natural potash and feather meal.

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.

ALL NATURAL FERTILIZER FOR
SUSTAINED NUTRITION IN
ENVIRONMENTALLY SENSITIVE
AREAS AND DEPLETED SOILS

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

- Adds approximately 6% humates by volume
- Increases the nutrient and water holding capacity of the soil
- Strengthens plants' tolerance of hot, dry conditions
- Promotes greater root development
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens
- Increases soil porosity and stability for greater root development and water holding capacity
- Suitable for arid and saline soils, lowers transportation and application costs.
- Provides primary and secondary (macro & micro) nutrients necessary for plant growth

Safe for Plants, People and the Environment

- Manufactured by Sustane in the USA at a EPA permitted facility.
- Pathogen and weed free, no blood or bone products.
- Allowed for export to over 60 countries world wide.
- Aerobic composting eliminates animal and rodent attraction to application site.
- Contains the naturally occurring beneficial bacteria and fungi that are necessary to begin nutrient life cycle in poor soil.
- Sustane is fully composted eliminating the need for sterilization, permitting a healthy environment for beneficial microbial populations.
- Slowly available nutrients minimize weed growth.



LAND MANAGEMENT, NATIVE RESTORATION & EROSION CONTROL PROGRAMS**

Fertilizer recommendations should be based on laboratory soil tests and specific site conditions including but not limited to aspect and slope. Use high rates for soils low in organic matter, high in salts or pH, and with steeper or southern facing slopes

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 ft² of bed (15 kg per 100m²)
 Medium, Clay Loam Soil: 2 lb. per 100 ft² of bed (10 kg per 100m²)
 Heavy, Silty, Clay Loam: 1 lb. per 100 ft² of bed (5 kg per 100m²)

Coverage

50 lb. covers 4000 ft² @ 1 lb. N per 1000 ft² (44 lb² N per acre)
 22.67 kg covers 372 m² @ 0.5 kg N per 100 m² (50 kg N per hectare)
 12.5 lb. per 1000 ft² / 6.25 kg per 100 m²

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.

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

Item #	Package Size	Units / Pallet
Sustāne 8-2-4		
FINE GRADE SGN 100 (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 (international)	22.7 kg bags	44 bags / ISPM pallet

MEDIUM GRADE SGN 200 (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 (international)	22.7 kg bags	44 bags / ISPM pallet

DISTRIBUTED BY:



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 ₂ O ₅).....	2%
Soluble Potash (K ₂ 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	

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