

MEDIUM GRADE



4.6.4 | ALL NATURAL SLOW RELEASE NITROGEN FERTILIZER

SUSTANE

Naturally...



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Net Weight 50 lb (22.67 kg)

www.sustane.com



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SUSTANE:

Since 1987, Sustane has been proud to be a part of the global movement toward a more sustainable world: better land management; protection of our waters; saving and rebuilding soils; improving crop yields; helping professional growers, home gardeners, and communities alike - all through the utilization of recycled, renewable, natural resources.

Sustane Natural Fertilizers are supported by over 25 years of independent research. This is why professional growers worldwide trust in Sustane for the production of certified organic crops, establishment and maintenance of high quality sports fields, help in stabilizing soils with new vegetation in environmentally sensitive areas, to produce beautiful vegetable gardens and ornamental landscapes and establish and maintain high quality turfgrass.

Sustane 4-6-4 is a slow-release nitrogen fertilizer made from biologically stable compost, natural sulfate of potash and feather meal.

This product is recommended for use on vegetables, fruits, flowers and landscape beds, tree and shrub establishment, in potting soil mixes and for use as a turfgrass starter fertilizer.

Turf Establishment:

Pre-plant: Broadcast and incorporate into top 4 in (5 cm) of soil.

50 lb per 1,000 ft² or 2,200 lb per acre. 250 g per m² or 2,500 kg per hectare.

Post-plant (45-60 days): Broadcast and water in 25 lb per 1,000 ft² or 1,100 lb per acre. 125 g per m² or 1,250 kg per hectare.

Overseeding:

Apply 25 lb per 1,000 ft² or 125 g per m²

Hydroseeding:

Apply 500 to 4,000 lb per acre (560 to 4,480 kg per hectare).

NOTE: Adjust fertilizer program for local conditions and requirements.

Establecimiento de césped:

Antes de plantar: Esparcir e incorporar en las 4 pulgadas (5 cm), de la parte superior del suelo.

50 libras por 1,000 pies² o 2,200 libras por acre. 250 g por m² o 2,500 kg por hectárea.

Después de plantar: Colocar otra capa, una vez, cada 30-45 días. Esparcir y regar en 25 libras por 1,000 pies² o 1,100 libras por acre (125 g por m² o 1,250 kg por hectárea).

Esparcir la semilla una vez más:

Colocar 25 libras por 1,000 pies² o 125 g por m².

Esparcir la semilla con agua: Colocar de 500 a 4,000 libras por acre o 560 a 4,480 kg por hectárea. NOTA: Adaptar el programa de fertilizante para las condiciones y requerimientos locales.

General Guidelines for Garden, Nursery and Landscape Applications

Low Rate: Recommended for salt sensitive species or when applied to heavy, silty clay loam soils or heavy potting substrates (total porosity less than 65%).

Medium Rate: Recommended for use on medium feeding species or when applied to medium, clay loam soils and most potting substrates (total porosity 65 to 80%).

High Rate: Recommended for use on heavy feeding species or when applied to light, sandy soil or light, porous substrates (total porosity greater than 80%).

Container Topdressing Application Rates in grams

Table with columns: Rate (Low, Med, High), Container Size (5" Std., 6" Std., 1 gallon, 2 gallon, 3 gallon)

Seed Starting/Bedding Plants Rates by Volume

Table with columns: Mix Rates by Volume (lb. per cubic yard, kg per cubic meter), Low, Med, High

Greenhouse & Nursery Container Mix Rates

Table with columns: Container Mix Rates by Volume (lb. per cubic yard, kg per cubic meter), Low, Med, High

Vegetable Gardens Application Rates by Area*

Table with columns: Plant (Tomatoes, Lettuce, Cucumbers, Peppers), Tbsp / ft², Lb / 100 ft², Grams / M²

*Visit www.sustane.com for rates for other specific crops. *Adjust to higher rates for areas with higher plant densities.

Landscape & Flower Application Rates by Area

Table with columns: Landscape & Flower Application Rates by Area (lb. per 1,000 square feet, kg per 100 square meter), Low, Med, High

Amending Landscape Soil Beds:

Scratch or work Sustane into the top 2 to 4 in (5 to 10 cm) of the soil prior to planting. Reapply at 45 days, spreading evenly over the bed surface.

Reparación de una extensión del terreno: Preparar o colocar Sustane en la superficie de 2 a 4 pulgadas (5 a 10 cm) del suelo antes de plantar. Repetir a los 45 días, esparciendo uniformemente sobre la superficie de la extensión del suelo a trabajar.

Fertilizing Shrubs and Trees:

Apply ¼ cup of Sustane for plants with a 2 ft. diameter canopy (60 cm² for 60 cm diameter canopy). Increase rates by ¼ cup for every additional 6 in. of canopy spread (60 cm² per 15 cm). Apply at planting or in the spring and fall for established trees and shrubs.

Fertilización de árboles y arbustos: Colocar ¼ de taza de Sustane para plantas que tienen una copa de 2 pies de diámetro y de ancho (60 cm² por 60 cm de diámetro). Aumentar las proporciones, con ¼ de taza, por cada 6 pulgadas más del tamaño de la copa (60 cm² por 15 cm). Colocar fertilizante al plantar en la primavera, y en el otoño para los árboles y arbustos establecidos.

Tree Planting Rate Per Tree

Table with columns: Tree trunk caliper (in)', rate (lb), rate (kg)

Tree Maintenance Rate Per Tree

Table with columns: Tree trunk caliper (in)', rate (lb), rate (kg)

² Tree trunk caliper is measured 6 in (15 cm) above the soil surface

USGA Greens Construction

Sustane 4-6-4 - 2 mm particle size meets USGA Specifications in combination with sand and peat*

Table with columns: Volume, lb / Yd³ of mix, lb / Ton of mix

Table with columns: Volume, kg / m³ of mix, kg / Tonne of mix

ASSUMPTIONS: Bulk density of Sustane 4-6-4 is 38 lb/cu ft (0.61 g per cm³)

*Providing the sand and peat sources have been approved

Greens Topdressing:

Application Rates (lb per ton) and corresponding amount of Nitrogen applied (lb of N per 1,000 ft²)

Table with columns: 4-6-4, Core Aeration, Frequent Top Dress, Volume, Rate lb/ton

Application Rates (kg per tonne) and corresponding amount of Nitrogen applied (g of N per M²)

Table with columns: 4-6-4, Core Aeration, Frequent Top Dress, Volume, Rate kg/ton

*M = lb per 1,000 ft²

General Coverage:

50 lb covers 2,000 ft² @ 1 lb N per 1,000 ft². 1,100 lb per acre provides 44 lb N per acre.

22.67 kg covers 186 m² and 125 g covers 1 m² @ 0.5 kg N per 100 m².

1,250 kg per hectare provides 50 kg N per hectare.

Covertura general:

50 libras cubre 2,000 pies² a una proporción de 1 libra de Nitrógeno por 1,000 pies².

1,100 libras por acre proporciona 44 libras de Nitrógeno por acre.

22.67 kg cubre 186 m² y 125 g cubre 1 m² en una proporción de 0.5 kg de Nitrógeno por 100 m². 1,250 kg por hectárea proporciona 50 kg de Nitrógeno por hectárea.

Spreader Settings (walk behind)*:

Scotts LawnPro – 15**

Scotts Professional – 5**

Scotts Accupro 2000 – M ½***

*Make two passes at each setting. Each pass is a 5 ft (1.5 m) wide interval.

**For 25 lb per 1,000 ft² (125 g per m²)

***For 8.2 lb per 1,000 ft² (40 g per m²)

*Spreader Settings: may vary due to walking speed and ground conditions

Guaranteed Analysis:

Total Nitrogen (N) 4%
0.4% Ammoniacal Nitrogen
0.4% Other Water Soluble Nitrogen
3.2% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅) 6%
Soluble Potash (K₂O) 4%
Calcium (Ca) 4%
Magnesium (Mg) 1.00%
Sulfur (S) 1.00%
Iron (Fe)0.50%
Manganese (Mn) 0.05%

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

*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.htm

Store in a cool, dry place. Almacenelo en un lugar oscuro, fresco y seco. Keep out of reach of pets and children Mantengalo fuera del alcance de los niños y mascotas.



NET WEIGHT 50 LB (22.7 kg) PESO NETO 50 LB (22.7 kg)

Granulation Specifications: Medium Grade: Mesh Size -7+14 (2.8 mm to 1.4 mm) SGN 200



Visit www.sustane.com for more information.

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