



3-7-4 GRANULATED ORGANIC PLANT ESTABLISHMENT FERTILIZER

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

SUSTANE 3-7-4 ORGANIC

Description:

Sustane 3-7-4 granulated organic fertilizer combines nutrient-dense, concentrated compost and replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the essential nutrients required for quality growth. Sustane 3-7-4 provides a concentrated package of plant macro and micronutrients and organic substances and beneficial microbiology. Sustane 3-7-4 is derived from biologically stable compost.

Recommended Use:

For use in the production of certified organic crops, as a general soil builder, crop starter fertilizer, organic phosphorus source, erosion control, and remediation. In-row or broadcast, quick ground cover minimizes soil erosion and gets crops off to a fast start. Ideal for reclamation, revegetation and building of disturbed or depleted soils, native plant establishment, construction site vegetation, beach restoration, burn area reestablishment and mine site reclamation.

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.

RAPID VEGETATIVE ESTABLISHMENT FOR HIGHWAY ROADSIDE, EROSION CONTROL, WETLANDS AND BURN, MINE SITE RECLAMATION, AND OIL/GAS SITE REMEDIATION.

Benefits of Sustane 3-7-4 Organic

- An excellent source of phosphorus provides rapid start to crops
- Can be applied in row, direct with seed
- Adds approximately 5.3% humates by weight
- Contains all primary, secondary and tertiary nutrients for plant growth
- Supplies soil with 55% Organic Matter in the form of stabilized humus
- Carbon:Nitrogen Ratio (8:1) guarantees no N immobilization in soil
- Increases the nutrient and water holding capacity of the soil
- Enhances the soil's ability to suppress plant pathogens
- Improves and sustains soil health
- Improves buffering against changes in soil pH
- Increases the soil's C.E.C (cation exchange capacity)
- Improves soil structure, porosity and stability leading to greater root development, infiltration and soil micropores

Safe for Plants, People and the Environment

- Manufactured by Sustane in the USA at an EPA-permitted composting facility.
- Pathogen, contaminant and weed free, Sustane contains no blood, guts, bone, animal meat meal by-products or pharmaceutical byproducts.
- Sustane contains no pelletized chicken manure, sewage sludge or industrial waste materials.

FOR SOIL BUILDING:

Final fertilizer recommendations should be based on results of laboratory soil tests and specific site conditions including but not limited to soil type and yield goal. Use higher rates for soils low in organic matter, high in salts or with low pH.

GENERAL COVERAGE

33 lb. covers 1,000 ft² @ 1 lb. N per 1000 ft² (44 lb. N per acre)

16.1 kg covers 100 m² @ 0.5 kg N per 100 m² (50 kg N per ha)

LAND IMPROVEMENT, NATIVE PRAIRIE RESTORATION, BIOREMEDIATION, AND NEW SEEDING*

CROP ESTABLISHMENT

Apply direct in-row with seed at rates of 100 lb. up to 250 lb. per acre (110 kg up to 280 kg per hectare).

BROADCAST APPLICATION RATES

For 30 lb. of N per acre apply 1000 lb.

For 50 lb. of N per acre apply 1667 lb.

For 70 lb. of N per acre apply 2333 lb.

TIMING AND METHODS OF APPLICATION

- Fall application, post harvest. Broadcast apply followed by light incorporation of 1-2 inches (2.5-5 cm).
- Spring application, pre-plant. Broadcast apply followed by light incorporation of 1-2 inches (2.5-5 cm).
- During planting, can be applied by grain drills, banded or air seeders, direct with seed.
- During cultivation, apply next to row or use Sustāne 8-2-4 for higher N demanding crops.

SOIL IMPROVEMENT FOR GARDENS, LANDSCAPES, AND AGRICULTURAL CROPS

Sustāne 3-7-4 is also used as a general soil builder by broadcast application for improving soil organic matter levels, cation exchange capacity; enhancing and diversifying soil biological activity. After application, incorporate lightly into top 1-2 inches (2.5-5 cm).

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

3-7-4 Granular	Package Size	Units / Pallet
Medium Grade, 200 SGN (2.8 mm - 1.4 mm)		
Item #		
30-18-1151	1-ton tote	1 tote / pallet

Medium
Grade
(2.8 mm - 1.4 mm)

3-7-4 Guaranteed Analysis

Total Nitrogen (N)	3%
0.3% Ammoniacal Nitrogen	
0.3% Water Soluble Organic Nitrogen	
2.6% Water Insoluble Organic Nitrogen*	
Available Phosphate (P ₂ O ₅)	7%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	5%
<i>Derived from composted turkey litter.</i>	
<i>*2.4% slowly available nitrogen from aerobically composted turkey litter.</i>	

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