



7-2-1
SLOW RELEASE NITROGEN
W/ MYCORRHIZAE & HUMATES
FOR DEPLETED SOILS

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

**FOR SUSTAINED
NUTRITION IN
ENVIRONMENTALLY
SENSITIVE AREAS**

SUSTANE 7-2-1 ALL NATURAL + MYCORRHIZAE & HUMATES

Recommended Use:

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 7-2-1 All Natural Fertilizer with Humates and Mycorrhizae promotes a rapid rate of vegetative establishment. 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 the nutrients essential for quality growth. Sustane 7-2-1 is based on Sustane's biologically stable compost, rock phosphate, and feathermeal, plus, Vesicular Arbuscular Mycorrhizae (VAM) and humates. The addition of VAM and humates further enhance plant water and nutrient use efficiency.

Benefits of Sustane 7-2-1 All Natural

- Adds approximately 10% humates by volume.
- Increases the nutrient and water holding capacity of the soil.
- Strengthens plants tolerance against hot dry conditions.
- Greater root development.
- Addition of Mycorrhizae and Humates work with Sustane fertilizer to extend the fertility benefits of root growth and soil microbial health.
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens.
- Suitable for arid and saline soils, lowers transportation and application costs.
- Provides all primary and secondary (macro & micro) nutrients necessary for plant growth.

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 or animal meat meal by-products.
- Sustane contains no pelletized chicken manure, sewage sludge or industrial waste materials.
- Contains no pharmaceutical byproducts.
- Sustane is fully composted eliminating the need for sterilization, permitting a healthy environment for beneficial microbial populations.
- Slowly available nutrients minimize weed growth.
- Exported to over 60 countries world wide.

MYCORRHIZAE

Mycorrhizae work by dramatically increasing root surface area. This increase results in greater uptake potential of water and nutrients (particularly phosphorus), which improves plant tolerance to drought stress and allows for reduced fertility during and after canopy establishment.

HUMATES

Sustâne humates are naturally occurring, unaltered oxidized lignite that increase nutrient availability and soil CEC leading to improved plant-nutrient uptake efficiency.

LAND MANAGEMENT, NATIVE RESTORATION & EROSION CONTROL PROGRAMS**

HYDROSEEDING:

Mix with water solution at a ratio of 2 lb. Sustâne 7-2-1 to 1 gallon of water or 1 ton per 1,000 gallon tank

For 45 lb. of N per acre apply 650 lb.

For 90 lb. of N per acre apply 1300 lb.

SOIL PREPARATION:

- Light, High Sandy Soil - 3.5 lb. per 100 ft²
- Medium, Clay Loam Soil - 2.25 lb. per 100 ft²
- Heavy, Silty, Clay Loam - 1 lb. per 100 ft²

COVERAGE:

50 lb. covers 3500 sq. ft. @ 1 lb. N per 1000 sq. ft.

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



7-2-1 Mycorrhizae & Humates Guaranteed Analysis

Total Nitrogen (N)	7%
0.3% Ammoniacal Nitrogen	
1.1% Water Soluble Organic Nitrogen	
5.6% Water Insoluble Organic Nitrogen*	

Available Phosphate (P ₂ O ₅)	2%
Soluble Potash (K ₂ O)	1%
Calcium (Ca)	3%
<i>Derived from aerobically composted turkey litter, rock phosphate, and hydrolyzed feather meal.</i>	

*5.6% slowly available nitrogen from aerobically composted turkey litter and hydrolyzed feather meal

Non-Plant Food Ingredients

Humic Acid.....	10%
<i>Derived from leonardite and composted turkey litter.</i>	

Arbuscular Mycorrhizae Inoculum	1.0%
Rhizophagus irregularis.....	3.0 spores/g
Rhizophagus clarus	0.25 spores/g
Septoglomus deserticola.....	0.50 spores/g
Claroideoglomus etunicatum.....	0.50 spores/g

7-2-1w/ Humates / Mycorrhizae Medium Grade, 200 SGN (2.8 mm - 1.4 mm)	Package Size	Units / Pallet
Item #		
30-54-1111	50 lb. bags	40 bags / pallet
30-54-1151	1-ton tote	1 tote / pallet