



SUSTÅNE SOIL REGEN®

STRUCTURAL SOIL CONDITIONER FOR
EROSION CONTROL AND BIOREMEDIATION

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

Sustane Soil ReGen® Recommended Use:

Soil ReGen is used for amending soils on disturbed soils and landscape. Apply Soil ReGen to improve water infiltration and to relieve compaction in stressed or depleted areas. Use Soil ReGen for land reclamation, bio-remediation, and rebuilding of disturbed or depleted soils. Incorporate into soil to improve structure, increase permeability, and improve establishment of seeding and vegetative installations.

Description:

Soil ReGen® is a soil conditioner that reduces soil compaction, increases water and air infiltration and improves the nutrient and water holding capacity. Soil ReGen supplies organic-rich and biologically stable humates and organic matter, beneficial microorganisms, organic nutrients and structural minerals - all in dry, uniform particle size.

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 turf managers and superintendents from around the world.

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

CONTAINS

SUSTÅNE AEROBIC COMPOST,
BIO-CHAR, HUMATES,
MYCORRHIZAE,
PUMICE, AND ZEOLITE.

Soil ReGen Benefits

- Improves soil structure and aggregation.
- Helps reduce soil compaction.
- Aerates soil and improves oxygen availability in soil.
- Increases infiltration and permeability.
- Increases water and nutrient holding capacity.
- Contains all essential elements required for photosynthesis.
- High Cation Exchange allows plants to more effectively utilize nutrients, while reducing loss by leaching.
- Aids the colonization of beneficial soil microorganisms which supplies humic acid and encourages vigorous root growth.
- Provides carbohydrates such as alginic acid and mannitol.
- Contains mycorrhizae for improved nutrient and water uptake, and increased plant stress tolerance.
- Provides stabilized organic matter (Humus).



SUSTÂNE SOIL REGEN®

INGREDIENTS, APPLICATION RATES & SUGGESTED USE

SOIL REGEN KEY INGREDIENTS

AEROBIC COMPOST FROM SUSTÂNE:

Biologically stable, microbially diverse, rich in plant nutrients, humic substances and high quality organic matter. Aerobic compost is the foundation for improving soils. USDA Biobased.

BIOCHAR is made from biomass via pyrolysis and is a stable, carbon-rich material that acts as a scaffold to retain nutrients, bind organic by products, and supports microbial growth for improved nutrient cycling.

HUMATES are a naturally-occurring, carbon residues that can enhance root uptake of nutrients and further stimulate soil life.

MYCORRHIZAL INOCULANT:

Mycorrhizae are mutualistic fungi that enhance plant growth and health by improving nutrient and water uptake and protecting against root pathogens. They also improve soil structure for better soil health and plant establishment. Sustâne supplies a specifically selected suite of four endo mycorrhizae species.

PUMICE is highly a porous mineral and holds both water and air— critical to well-conditioned, aerated soils. With a naturally lightweight structure, it provides an excellent platform for supporting the root systems of diverse plants on green roofs and other urban settings.

ZEOLITE has a large surface area and the molecular structure and porosity provide the ability to retain moisture and nutrients in a manner complementary to pumice.

Item #	Package Size	Units / Pallet
Sustâne Soil ReGen 1-1-1 MEDIUM GRADE, 200 SGN (2.8 mm - 1.4 mm)		
50-20-1111	50 lb. bags	40 bags / pallet
50-20-1151	1-ton tote	1 tote / pallet
50-20-1175 (international)	22.68 kg bags	44 bags / ISPM pallet

APPLICATION RATES

COVERAGE:

50 lb. covers 1,000 ft² @ 0.5 lb. N per 1000 ft² (22 lb. N per acre)
22.67 kg covers 93 m² @ 0.25 kg N per 100 m² (25 kg N per hectare)

LAWN ESTABLISHMENT (PRE-PLANT):

Broadcast and incorporate into top 4 in. (10 cm) of soil.
50 lb. per 1,000 ft² or 2,200 lb. per acre
25 kg per 100 m² or 2,500 kg per ha

SOIL RECONSTRUCTION OR RENOVATION:

For soil amendment purposes to rectify compaction, moisture imbalances and inert soils, apply after core aeration at 12.5 kg to 25 kg per 100 m² (25 lb. to 50 lb. per 1,000 ft²) and drag into core holes prior to applying sand dressing.

Soil ReGen 1-1-1 Guaranteed Analysis

Total Nitrogen (N).....	1%
0.1% Ammoniacal Nitrogen	
0.1% Water Soluble Nitrogen	
0.8% Other Insoluble Nitrogen*	
Available Phosphate (P ₂ O ₅).....	1%
Soluble Potash (K ₂ O).....	1%
Calcium (Ca).....	1%
Magnesium (Mg).....	0.5%
Sulfur (S).....	1%

*0.8% slow release nitrogen from composted turkey litter and feather meal.

Derived from aerobically composted turkey litter, feather meal.

Also contains non-plant food ingredients:

Pumice.....	30%
Zeolite.....	15%
Biochar.....	5%
Humic Acid (derived from Compost).....	5%
Silica (Si) (derived from pumice and zeolite).....	0.3%

Endo-Mycorrhizae Inoculant

<i>Rhizophagus irregularis</i>	0.84 spores/g
<i>Rhizophagus clarus</i>	0.12 spores/g
<i>Septoglomus deserticola</i>	0.12 spores/g
<i>Claroideoglomus etunicatum</i>	0.12 spores/g

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

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