



Known Worldwide
For Being Simply
 the **Best...**
Natural Fertilizers
& Soil Builders

Recommended Uses:

Reclamation, bio-remediation, revegetation and building of disturbed or depleted soils. Native plant establishment, agricultural crop land, construction site vegetation, beach restoration, burn area reestablishment and mine site reclamation.

Description:

Sustâne® Concentrated Compost provides the benefits of a nutrient rich compost in a concentrated dry form. Sustane Concentrated Compost is easy to apply and replenishes the soil with a rich supply of stabilized organic matter and essential nutrients required for quality growth.

Sustâne® Concentrated Compost provides a combination of plant nutrients and organic substances derived from biologically stable aerobic compost.

CONCENTRATED COMPOST

ALL NATURAL NUTRIENT RICH CONCENTRATED COMPOST FOR RE-BUILDING DEPLETED SOILS IN ENVIRONMENTALLY SENSITIVE AREAS

Benefits of Sustâne® 100% Organic Concentrated Compost

- Provides the benefits of compost in a dry, concentrated form which minimizes transportation and application costs.
- Contains primary, secondary and tertiary nutrients for plant growth, eliminating the need to apply additional fertilizer.
- Sustâne is fully composted, eliminating the need for sterilization, permitting an optimal environment for beneficial microbial populations.
- Supplies soil with 50% stabilized organic matter
- Carbon:Nitrogen Ratio (9:1) ensures no N immobilization in soil
- Increases the nutrient and water holding capacity of the soil
- Improves and sustains soil quality
- Improves buffering against changes in soil pH
- Increases the soil's cation exchange capacity
- Improves soil structure, porosity and stability leading to greater root development

Safe for Plants, People and the Environment

- USDA NOP, COR, EU and JAS organic compliant.
- Aerobic composting eliminates animal and rodent attraction to application site. No blood, bone or meat products.



The Sustâne EPA-permitted compost facility manufactures aerobic compost derived from area family turkey farms year around. 26-week thermophilic composting assures biological stability and uniformity.

Sustane® CONCENTRATED COMPOST

Product Specifications

Land Management, Native Restoration & New Seeding

Hydroseeding

Mix with water solution at a ratio of 4 lb. Sustane CC to 1 gallon of water
2 tons per 1,000 gallon tank

Blanket Application (no incorporation)

apply 3000 lb of Sustane CC on top of soil surface

Broadcast Application

(Incorporate into the top 2 - 4" of soil)
For 60 lb. of N per acre apply 3000 lb
For 80 lb. of N per acre apply 4000 lb
For 120 lb. of N per acre apply 6000 lb

Remediation

For bio-remediation, forest re-establishment & extreme situations where top soil has been removed or badly damaged, incorporate 136 lb0 per 1,002ft⁴ into the damaged soil.
Re-apply 60 to 90 days later at a rate of 68 lb. per 1,000 ft²



Preparation for Gardens, Landscapes and Agricultural Crop Land

Sustane Concentrated Compost is intended as a general soil builder for broadcast application and improving soil organic matter levels, cation exchange capacity and enhancing and diversifying soil biological activity levels.

Soil Preparation

- Light, High Sandy Soil:
14 lb. per 100 square feet of bed
- Medium, Clay Loam Soil
10 lb. per 100 square feet of bed
- Heavy, Silty, Clay Loam
7 lb. per 100 square feet of bed

Compost Specifications:

Organic Matter	50%	Humic Acid	0.7%
pH	7	Carbon:Nitrogen(C:N)	9:1
Bulk Density (lb./ft ³)	35	Salt Index (scale 1-100).....	5
Moisture Content.....	5%	Electrical Conductivity.....	<10 dS/m
Cation Exchange Capacity (C.E.C.)	104 meq/100g	Stability.....	<2 mg CO ₂ -C per g TS per day.
Particle Size	95 % < 0.5" /100% <1"	Man Made Inert Contamination	Negative

Sustane Microbial Diversity Index Analysis: Sustane Compost relative to Soils of Moderate Microbial Diversity

PARAMETER (SRD) INDEX	SUSTANE COMPOST ENUMERATION	SUSTANE DIVERSITY (SRD) INDEX	EXAMPLE MODERATE DIVERSITY
Aerobic Heterotrophic	5.9 x 10 ⁹ CFU /gdw*	2.0	1.6
Anaerobic Bacteria	8.7 x 10 ⁷ CFU /gdw	0.9	0.8
Yeasts and Molds	2.7 x 10 ⁵ CFU /gdw	0.4	0.8
Actinomycetes	5.0 x 10 ³ CFU /gdw	0.8	0.9
Pseudomonads	8.5 x 10 ⁸ CFU /gdw	0.7	0.5
Nitrogen-Fixing Bacteria	1.0 x 10 ³ CFU /gdw	-0.3	0.3
Total Species Richness Diversity Index (SRDI)		4.5	4.9

*Colony forming units per gram dry weight.

Guaranteed Analysis

Total Nitrogen (N)	2%
0.2% Ammoniacal Nitrogen	
0.2% Water Soluble Organic Nitrogen	
1.6% Water Insoluble Organic Nitrogen*	
Available Phosphate (P ₂ O ₅)	6%
Soluble Potash (K ₂ O).....	3%
Calcium (Ca).....	6%

Derived from composted turkey litter.

*1.6% slowly available nitrogen from composted turkey litter.

Typical Average Secondary and Micronutrient Levels

Magnesium	1%	Copper.....	0.07%
Sulfur.....	1%	Molybdenum.....	0.0006%
Iron	0.5%	Boron.....	0.007%
Manganese	0.06%	Zinc.....	0.05%

Distributed By:

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