



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

Recommended Use:

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

Description:

Sustâne® Concentrated Compost 2-6-3 provides the benefits of a nutrient rich compost in a concentrated, dry form. Sustâne® Concentrated Compost 2-6-3 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 2-6-3 provides a combination of plant nutrients and organic substances derived from biologically stable aerobic compost.

CONCENTRATED COMPOST 2-6-3

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
- Adds 7% humic acid
- Supplies soil with 50% stabilized organic matter
- The Carbon:Nitrogen ratio range of 5:1 to 9:1 ensures no N immobilization in the 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

- Pathogen and weed free. Minimal heavy metal concentrations ensures Sustâne® is safe for use world wide
- 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 round. 26-week thermophilic composting assures biological stability and uniformity.

FEED YOUR PLANTS AND YOUR SOILS, NATURALLY

Sustâne® Concentrated Compost 2·6·3

Product Specifications

Land Management, Agricultural & Erosion Control Programs

Hydroseeding

Mix with water solution at a ratio of 2 lb. Sustâne CC 2-6-3 to 1 gallon of water 2 tons per 1,000 gallon tank

Blanket Application (no incorporation)

Apply 3000-6000 lb. of Sustâne CC 2-6-3 on top of soil surface

Broadcast Application

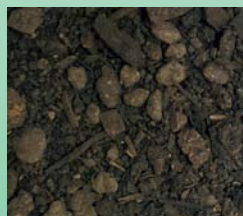
(Incorporate into the top 2 - 4 in. of soil)
For 60 lb. of N per acre apply 3000 lb.
For 80 lb. of N per acre apply 4000 lb.
For 120 lb. of N per acre apply 6000 lb. il surface

Remediation

For bio-remediation, forest re-establishment & extreme situations where topsoil has been removed or badly damaged, incorporate 136 lb. per 1,000 ft² 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

Sustâne® Concentrated Compost 2-6-3 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 as shown in the microbial diversity index analysis.



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

For Revegetation and Agriculture: Final fertilizer recommendations should be based on laboratory soil tests and specific site conditions including but not limited to aspect and slope. Use higher rates for soils low in organic matter, high in salts or pH, and on steep and southern facing slopes.

Compost Specifications

| | | | |
|---|---|-------------------------------|---|
| Organic Matter..... | 50% | Humic Acid..... | 7% |
| pH..... | 7 | Carbon:Nitrogen(C:N)..... | 5:1 to 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..... | 104 meq/100 g | Stability..... | <2 mg CO ₂ -C per g TS per day |
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| Man Made Inert Contamination..... | Negative | | |

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

| PARAMETER (SRD) INDEX | SUSTÂNE COMPOST ENUMERATION | SUSTÂNE DIVERSITY (SRD) INDEX | EXAMPLE MODERATE DIVERSITY |
|---|----------------------------------|-------------------------------|----------------------------|
| Aerobic Heterotrophic | 5.9 x 10 ⁸ CFU / gdw* | 2.0 | 1.6 |
| Anaerobic Bacteria | 8.7 x10 ⁷ CFU / gdw | 0.9 | 0.8 |
| Yeasts and Molds | 2.7 x 10 ⁶ CFU / gdw | 0.4 | 0.8 |
| Actinomycetes | 5.0 x 10 ³ CFU / gdw | 0.8 | 0.9 |
| Pseudomonads | 8.5 x 10 ⁶ 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)..... | 5% |
| Magnesium (Mg)..... | 1% |
| Sulfur (S)..... | 1% |
| Iron (Fe)..... | 0.5% |
| Manganese (Mn)..... | 0.05% |

Derived from composted turkey litter.

*1.6% slowly available nitrogen from aerobically composted turkey litter.

Distributed By:

(507) 263- 3003 | Sustâne Natural Fertilizer Inc.
(800) 352-9245 | 310 Holiday Avenue
(507) 263-3029 FAX | Cannon Falls, Minnesota 55009
www.sustane.com | Made in the USA



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