



# Known worldwide for being simply the best....natural fertilizers and soil builders

## Sustane World Class Natural Fertilizers Since 1988

Sustane granulated slow release fertilizers replenish the soil with the essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Groundskeepers, nurserymen, master gardeners and professional growers around the world use Sustane products.

## High Biological Activity

Sustane fertilizers are biologically active organic products created from a proprietary controlled aerobic process using composted turkey litter. Through this unique process, the turkey litter is concentrated into a nutrient dense humus containing beneficial microorganisms. The end result is a product free from plant and animal disease organisms, insect larvae and weed seeds, with very low burn potential.

## Always Quality Assured

The 6-month aerobic composting process is monitored weekly for moisture, temperature and oxygen assuring a stable, consistent product. Natural Fertilizer of America operates its own in-house full time quality assurance laboratory to maintain AAPFCO, USDA-APHIS Export and OMRI standards.

**AAPFCO:** American Association of Plant Food Control Officers  
**USDA-APHIS:** United States Department of Agriculture - Animal & Plant Health Inspection Services.  
**OMRI:** Organic Material Review Institute

## The Sustane Advantage - Consistent, Uniform Granulation

Sustane is an organic based product, which naturally contains all nutrients known to be essential for plant photosynthesis. All Sustane fertilizers have consistent granulation and particle sizing that will not settle out or separate. Sustane fertilizers are slow release with long lasting benefits without causing excessive top growth.

**Fine Grade:** Mesh size - 14+30 (1.4 mm to 0.6mm) SGN 100  
**Medium grade:** Mesh size - 7+14 (2.8 mm to 1.4 mm) SGN 200

## The Leader in Organic Research

Sustane products have been developed since the early 1980's with the most comprehensive research program of any natural fertilizer company competing in the world market today. Sustane knows how and why the products perform in the field. Today, Sustane fertilizers are the standard to match in university and professional grower trials.

## Sustane All Natural Organic Fertilizers





Sustane 2-3-3, 4-6-4 and 5-2-4 All-Natural products are allowed for use in the production of certified organic and food crops. These products are excellent to use on fruit, vegetable and field crops, as well as in professionally landscaped flower and shrub beds, potted plants, new turf construction and for maintenance on trees. Sustane soil builders were created on the premise that a healthy soil is the key to maintaining quality growing conditions and the plant life the soil system supports.

## Sustane Natural Base Fertilizers

Sustane 5-2-4 + Fe, 5-2-10 + Fe, 10-2-10 + Fe and 18-1-8 + Fe are Natural Base Fertilizers. **Natural Base** means products with greater than 50% mass and 50% macronutrients derived from a natural or organic material.

## World Wide Distribution

Sustane products are the only natural based fertilizers and soil amendments that are known and distributed throughout Asia, Europe, North & Central America and the Middle East.

Product Guaranteed Analysis	Fertilizer Coverage/Bag @ 1lb N/1000 sq.ft. 5 gram N/sq. meter	Standard Application Rate @ 1lb N/1000 sq.ft. 5 gram N/sq. meter	% SRN Slow Release Nitrogen	Nitrogen (N) Breakdown	Other Nutrients	Plant Food Sources	Particle Sizes Fine 100 SGN Med. 200 SGN	Applications, Recommended Uses and Comments
<b>Sustane 2-3-3</b> All Natural Organic	1000 sq.ft./50 lb. 100 sq. m./25 kg.	50 lb./1000 sq.ft. 250 g./sq. meter	80%	0.2% Ammoniacal N 0.2% Water Soluble N 1.6% Water Insoluble N	Calcium (Ca) 3% Magnesium 0.8% Sulfur 1% Mn.05% Zn .04%	Sustane aerobically composted turkey litter and hydrolyzed feathermeal	Fine & Medium	Used with sand topdressing and new greens construction. Meets USGA particle size specifications when mixed with quality sand and peat.
<b>Sustane 4-6-4</b> All Natural  <b>Landscapers' Choice</b>	2000 sq.ft./50 lb. 200 sq. m./25 kg.	25 lb./1000 sq.ft. 125 g./sq. meter	80%	0.4% Ammoniacal N 0.4% Water Soluble N 3.2% Water Insoluble N	Calcium (Ca) 4% Magnesium 0.8% Sulfur 1% Mn.05% Zn .04%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal and sulfate of potash	Fine & Medium	<b>Landscapers' Choice</b> all purpose slow release fertilization for landscaped areas, overseeding and turf establishment. Fastest starter available. Golf course, home and sports turf grow in.
<b>Sustane 5-2-4</b> All Natural 	2500 sq.ft./50 lb. 250 sq. m./25 kg.	20 lb./1000 sq.ft. 100 g./sq. meter	80%	0.5% Ammoniacal N 0.5% Water Soluble N 4.0% Water Insoluble N	Calcium (Ca) 2% Magnesium 0.8% Sulfur 1% Mn.05% Zn .04%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal and sulfate of potash	Fine & Medium	Natural nitrogen source for organic gardens and crops. Also for turf, parklands and trees.
<b>Sustane 5-2-4 + Fe</b> Natural Base	2500 sq.ft./50 lb. 250 sq. m./25 kg.	20 lb./1000 sq.ft. 100 g./sq. meter	70%	1.3% Ammoniacal N 0.2% Water Soluble N 3.5% Water Insoluble N	Calcium (Ca) 2% Sulfur 2% Iron (Fe) 2%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal, ammonium sulfate, iron sulfate and sulfate of potash	Fine & Medium	Very low burn potential. Quick green-up without excessive growth. Proven most disease suppressive organic available.
<b>Sustane 5-2-10 + Fe</b> Natural Base	2500 sq.ft./50 lb. 250 sq. m./25 kg.	20 lb./1000 sq.ft. 100 g./sq. meter	70%	1.3% Ammoniacal N 0.2% Water Soluble N 3.5% Water Insoluble N	Calcium (Ca) 1% Sulfur 4% Iron (Fe) 2%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal, ammonium sulfate, iron sulfate and sulfate of potash	Fine & Medium	High potassium formulation. Strengthens plants for greater disease resistance. Ideal summer and autumn feed and for use during core aeration.
<b>Sustane 8-2-4</b> All Natural <b>NEW</b>	4000 sq.ft./50 lb. 400 sq. m./25 kg.	12.5 lb./1000 sq.ft. 62 g./sq. meter	90%	0.4% Ammoniacal N 0.4% Water Soluble N 7.2% Water Insoluble N	Calcium (Ca) 2% Magnesium 0.4% Sulfur 0.5% Mn.03% Zn .04%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal, corn gluten meal and sulfate of potash	Fine & Medium	Highest nitrogen, all natural product for everything organically grown. Long lasting, slow release and will not burn turf or seedlings.
<b>Sustane 10-2-10 + Fe</b> Natural Base with Nutralene® 	5000 sq.ft./50 lb. 500 sq. m./25 kg	10 lb./1000 sq.ft. 50 g./sq. meter	80%	0.8% Urea Nitrogen 3.4% Slowly Available Water Soluble N 4.7% Water Insoluble N 1.1% Ammoniacal N	Calcium (Ca) 1% Sulfur 5% Iron (Fe) 2%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal, ammonium sulfate, iron sulfate, sulfate of potash and methylene urea	Fine Grade Only	All homogenous granulation for greens, tees and tight cut fairways. 8-12 week release rate. Made from the finest names in slow release turf fertilization.
<b>Sustane 18-1-8 + Fe</b> with Nutralene® & Polymer Coated Sulfur Coated Urea 	9000 sq.ft./50 lb. 900 sq. m./25 kg.	5.5 lb./1000 sq.ft. 28 g./sq. meter	85%	11.7% Urea Nitrogen 1.5% Slowly Available Water Soluble N 2.2% Water Insoluble N 11.7% SRN from PCSCU	Calcium (Ca) 1% Sulfur 7% Iron (Fe) 1%	Sustane aerobically composted turkey litter, hydrolyzed feathermeal, ammonium sulfate, iron sulfate, methylene urea, muriate of potash and polymer coated sulfur coated urea	Medium Grade Only	Two-part blend with four-way release of nitrogen for fairways, roughs, lawns and sports fields. The most economical coverage of any organic based fertilizer. 12 - 16 week release rate.

**Note:** All Sustane Natural Fertilizers contain naturally derived humates, humic, fulvic, ulmic and amino acids. All Sustane Natural Fertilizers are coated with soluble carbohydrates in the form of molasses for enhancing beneficial soil microbial growth. These microbiological communities readily contribute to N-mineralization, nutrient cycling, nutrient uptake and natural plant protection.

Product Name & Description	Coverage/unit	Standard Application Rate	% SRN	Nitrogen (N) Breakdown	Other Nutrients	Application Rates & Uses Plant Food Sources and Non-Plant Food Ingredients
<b>Bio Grounds Keeper® 7500 Dry</b> 3-3-3 Sustane with Thatch Degrading Microbes and Humic Acid	7000 sq.ft. / 50 lb. 650 sq.m. / 23 kg.	7 lb. / 1000 sq. ft. 34 g. / sq. meter	90%	0.15% Ammoniacal N 0.15% Water Soluble N 2.7% Water Insoluble N	Calcium 4% Magnesium 0.8% Sulfur 1% Mn 0.05% Zn 0.04%	<b>BGK Dry Granular</b> Thatch Control - is made with bacterial cultures including cellulose degrading micro-organisms <b>Bacillus subtilus</b> and <b>Bacillus licheniformis</b> , and is carried on Sustane granular 3-3-3 that has been <b>fortified with 6% humic acid and 2% soluble carbohydrates</b> . Apply 4-6 times per growing season in 14-21 day intervals. Ideal application timing is with aeration and verticutting.
<b>Bio Grounds Keeper® PreMixed Plus</b> Liquid Thatch Control Microbes + Cellulose Degrading Enzymes and Humic Acid	1.9 acres / 2.5 gal .74 hect. / 9.45 liter	4 oz. / 1000 sq. ft. 130 ml. / 100 sq. m	N.A.	N.A.		<b>Bio Grounds Keeper PreMixed</b> is used for the biological control, reduction and maintenance of turfgrass thatch. <b>BGK</b> products are university tested and proven effective in reducing turfgrass thatch and enhancing disease suppression on turfgrass. <b>BGK</b> combines <b>Bacillus subtilus</b> and <b>Bacillus licheniformis</b> , fortified with cellulose degrading enzymes ( <i>Trichoderma longibrachiatum</i> at 4797 cmc / ml.), <b>humic acid</b> and a non-ionic biosurfactant. Apply 4 oz. per 1000 sq.ft. 3 to 6 times during growing season in 14-day intervals. Irrigate after application. Dilute BGK PreMixed Plus 30:1. <i>Do not tank mix with pesticides or synthetic fertilizers.</i>
<b>BOLSTER Biostimulant™</b> 5% Iron Chelate 4% Humic Acid 2% Seaweed Extract	1 acre / gal. 1 hect / 9.34 liter	3 oz. / 1000 sq. ft. 90 ml. / 100 sq. m.	N.A.	N.A.	Iron Chelate 5% Sulfur 2%	<b>BOLSTER BIOSTIMULANT</b> is a concentrated plant growth supplement used to prepare turf, trees and all plants for <b>improved growth in sub-optimum and stressed conditions</b> such as heat, drought, and heavy traffic. Use BOLSTER during new sodding, seeding, transplanting and as a root drench. Non-plant food ingredients include 2% seaweed extract and 4% humic acid. Avoid topical application to plant flowers. Dilute BOLSTER 30:1. <i>BOLSTER can be tank-mixed with PRIMO®, PRIMO MAXX®, most fertilizers and control products.</i>



Known Worldwide for Being  
Simply the Best...True Compost Based



Natural Fertilizers & Soil Builders

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## **P r o d u c t   G u i d e**



## **Natural Fertilizers & Soil Builders**

Created for Professional Groundskeepers,  
Growers and Horticulturists... Worldwide.