

Quality Growth Through Healthy Soil

SUSTÅNE
Naturally...
Product Guide



**Suståne Natural Fertilizers
& Soil Builders for
Organic Farming & Gardening**

Suståne - Get to know the difference.



Since 1980 Sustane Organic Fertilizers have been developed, tested and proven to enhance the quality, yield and value of many organic crops in a variety of growing zones under different farming and gardening practices. Sustane - Get to know the difference.



Harvesting Sustane fertilized ginseng in the Okanogan, British Columbia



Sustane fertilizer trials on organic soybeans at the Sand Plains Research Center, University of Minnesota

Sustane is compost concentrated. Biologically active, high humic content, consistent particle size and always quality assured. The Sustane Advantage - consistent organic aerobically composted turkey litter base from midwestern family farms, expert formulation, and uniform granulation. Sustane organic fertilizers naturally contain all nutrients known to be essential for plant photosynthesis; and are alive with only beneficial microbial communities. Rich humic substances combined with major, minor and trace minerals and microorganisms proven to enhance plant nutrient uptake, improve soil physical structure and defend against common soil and plant pathogens. Consistent quality control provides optimum yield potential. Time after time. Year in and year out. Sustane is available worldwide.

Sustane Fertilizers Approved for Use in Certified Organic Production

GUARANTEED ANALYSIS *OMRI LISTED	% SRN Slow Release Nitrogen	NITROGEN (N) BREAKDOWN	OTHER NUTRIENTS	PLANT FOOD SOURCES	PARTICLE SIZES OPTIONS	APPLICATIONS, RECOMMENDED USES And COMMENTS
Sustane 2-3-3	80% SRN	0.2% Ammoniacal 0.2% Water Soluble 1.6% Water Insoluble	Calcium (Ca) 3.0% Magnesium (Mg) 0.8% S 1%, Mn 0.05%, Zn 0.04%	Sustane aerobic - thermophilic compost from turkey litter	Fine Grade & Medium	Highest organic and humic content Sustane for bedding plants and soil conditioning.
Sustane 4-6-4*	80% SRN	0.4% Ammoniacal 0.4% Water Soluble 3.2% Water Insoluble	Calcium (Ca) 4.0% Magnesium (Mg) 0.8% S 1%, Mn 0.05%, Zn 0.04%	Sustane aerobic compost Hydrolyzed feathermeal and potassium sulfate	Fine Grade & Medium	All purpose starter fertilizer for small grains, corn, tomatoes, all flowering and fruiting plants
Sustane 5-2-4*	80% SRN	0.5% Ammoniacal 0.5% Water Soluble 4.0% Water Insoluble	Calcium (Ca) 2.0% Magnesium (Mg) 0.8% S 1%, Mn 0.05%, Zn 0.04%	Sustane aerobic compost Hydrolyzed feathermeal and potassium sulfate	Fine Grade & Medium	All purpose broadcast and side-dress balanced fertilizer for leafy crops, potatoes, cucurbits.
Sustane 8-2-4*	90% SRN	0.4% Ammoniacal 0.4% Water Soluble 7.2% Water Insoluble	Calcium (Ca) 2.0% Magnesium (Mg) 0.5% S 0.6%, Mn 0.03%, Zn 0.03%	Sustane aerobic compost Hydrolyzed feathermeal and potassium sulfate	Fine Grade & Medium	Highest Nitrogen, all organic fertilizer for maintenance on everything organically grown.



Sustane starts here at its one-of-a-kind USEPA permitted year round composting facility. Completely composted before granulating.



Sustane's unique, environmentally engineered state-of-the-art final formulating, granulating and manufacturing plant.

... Sustane organic fertilizers are backed by research. Monitored for quality through our own in-house analytical laboratory; crosschecked and verified by independent labs with third party testing and university research field trials. When you consider choosing an organic fertilizer—ask for the data. You deserve the best information available. Anything less is only guessing.



Sustane slow release nitrogen prevents lodging



Sustane organic is more efficient than MAP 11-51-0



Sustane's uniform granulation allows precision side dressing

Field Research: Sustane application rate recommendations are based on fertilizer efficacy, production economics (i.e. crop value vs. yield response) and multiple years of field trial comparisons. Only continuous field research takes the guesswork out of treatment rates.

Small Grains Fertilizer Trials, Alberta and Saskatchewan - 2 years Dale Doram, M. Sc., P. Ag.

CROP	NO. of SITES	MAP 11-51-0 at 50 lb. Ac.	SUSTANE 4-6-4 50 lb. Ac	BU / AC DIFFERENCE	% CHANGE
Barley	3	42.6 bushels	53.6 bushels	11.0	25.8 %
Wheat (Dryland)	14	31.8 bushels	35.5 bushels	3.7	11.7 %
Oats	3	43.3 bushels	68.4 bushels	25.1	58.0 %
Canola (rapeseed)	3	18.5 bushels	20.2 bushels	1.7	9.5 %
Oilseed Radish	3	11.4 bushels	13.9 bushels	2.5	21.9 %

Fertilizer Trials on Commander Strawberries - Driscoll Strawberry Associates, Watsonville, California

Treatment Plot	N-P-K ANALYSIS	LB. N/AC - NO. OF PICKS	YIELD - CRATES / AC	AVE. BERRY SIZE GRAMS	BRIX (SUGAR CONTENT)
Sustane All Organic	5-2-4	55.8 - 53	7357 ab	25.3	10.0
Duration 60 coated urea	41-0-0	55.8 - 53	7403 ab	25.8	9.5
Custom Blend synthetic	18-7-12	49.0 - 53	7225 ab	26.1	8.0
Soil Master meat bone r-phos	8-3-4	54.5 - 53	7030 bc	25.7	7.8
InteGro chicken manure, urea	7-7-7	55.8 - 53	6560 c	26.2	9.0

Fertilizer Trials on Chenin Blanc Grapes - 4 years California State University at Fresno, Ostrom and Striegler, Viticulture and Enology Research Center

Fertilizer Treatment	APPL. RATE LB. / ACRE	YIELD TONS ACRE 1991	YIELD TONS ACRE 1992	YIELD TONS ACRE 1994	YIELD TONS PER ACRE AVERAGE PER YEAR
Sustane 5-2-4 All Organic	1,000	6.57	5.69	3.55	5.27
Synthetic 7-13-20	714	5.85	5.26	2.98	4.69
Yield Difference tons/ac.		0.72	0.43	0.57	0.58
Yield Difference as %		12 %	8 %	19 %	13 %



Sustâne - Get to know the difference.



Sustâne - What makes a great product?

It is the people. People who take an idea - then combine research, the best raw materials, ingenuity, and innovative processes to make a good organic fertilizer better. These people who are Midwestern based and are supported by technical representatives throughout North America continue to explore, develop, and test Sustâne products on a variety of crops growing in a wide range of climates, soil types, and environmental conditions. Great products for organic farming and gardening don't happen overnight. At Sustâne, our commitment to excellence has remained constant for over 25 years.

Sustâne is committed to the highest product quality.

Sustâne's customers produce the highest quality crops. That is why Sustâne Natural Fertilizer produces the highest quality inputs for its customers and to help them meet their unique growing requirements. Sustâne takes its composting, mineral blending and granulating processes seriously. The company pledges to its customers on-time shipping and the highest quality in all Sustâne products.

The folks at Sustâne are a lot like its customers.

Like you, the team at Sustâne is hardworking, curious, and strives to improve new methods and materials that support productive organic farming and gardening. This work is done with a love for the land, water and air and the unwavering desire to protect and strengthen our earth's natural resources. The making and distribution of Sustâne products for organic farming relies on many others including its customers, the scientific community, government agencies, and the global neighborhood, to meet organic standards and to assure profitable crops, productive soils, and a healthy environment for all.

Sustâne serves a diversity of organic customers.

All kinds of growers use Sustâne: small grain and bean farmers, fruit and vegetable producers, flower, herb and spice growers, tree farmers, greenhouse growers, landscapers and backyard gardeners. The organic movement is booming and continues to grow. Sustâne is growing with it. The company supports a number of organic farming and gardening organizations locally, regionally, and internationally and is a proud member of the OTA® - The Organic Trade Association®.

Sustâne is committed to its people.

Sustâne's commitment to its employees, families, customers and neighbors, and its environmental stewardship have made it the only *organic* fertilizer company whose products are exported and used worldwide. Sustâne products are registered and available for sale in all United States and Canada, Mexico and in over 40 other countries.

Visit Sustâne on line today at www.sustane.com or call us.

Contact us for information, to share your own ideas or to ask us how we can serve your growing needs. Sustâne is working to help you improve your productivity and profitability. Thank you for your interest in Sustâne...*Naturally.*



Sustâne - Natural Fertilizer of America, Inc.

310 Holiday Avenue ♦ P.O. Box 19 ♦ Cannon Falls, MN 55009

507-263-3003 ♦ 1-800-352-9245 ♦ FAX 507-263-3029

www.sustane.com

Call for the name and phone number of the Sustâne technical representative in your area; or Visit our Web Site for additional technical information, Material Data Safety Sheets, Research, and List of Worldwide Distributors.

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