



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

Recommended Use:

Certified for use organic crop production, rapid vegetative establishment, erosion control, wetlands and burn area reestablishment, mine site reclamation, oil/gas remediation, and highway roadside establishment.

Description:

Sustane® 8•2•4 All Natural Fertilizer promotes a rapid rate of vegetative establishment. Quick ground cover minimizes soil erosion and the need for repairs or re-seeding. Sustane replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the primary, secondary and minor nutrients essential for quality growth. Sustane® 8-2-4 is derived from biologically stable compost plus natural potash and feathermeal.

8•2•4 SUSTANE®

ALL NATURAL SLOW RELEASE GRANULATED FERTILIZER

OMRI™
Listed
Organic Materials Review Institute

Benefits of Sustane®

8•2•4 Natural Organic

- Adds approximately 10% humates by volume
- Increases the nutrient and water holding capacity of the soil
- Strengthens plants tolerance against hot dry conditions
- Greater root development
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens
- Increased soil porosity and stability for greater root development and water holding capacity

**Always Safe for Plants, People
and the Environment**

- Manufactured by Sustane® in the USA at an EPA permitted facility.
- Pathogen and weed free, no blood or bone products. Allowed for export to over 40 countries world wide.
- Aerobic composting eliminates animal and rodent attraction to application site.
- Contains the naturally occurring beneficial bacteria and fungi that are necessary to begin nutrient life cycle in poor soil.
- Sustane is fully composted eliminating the need for sterilization, permitting a healthy environment for beneficial microbial populations.

Sustane® 8·2·4

ALL NATURAL

Product Specifications

Land Management, Native Restoration & Erosion Control Programs**

Hydroseeding

Mix with water solution at a ratio of 2 lbs. Sustane 8-2-4 to 1 gallon of water 1 tons per 1,000 gallon tank

For 44 lbs. of N per acre apply 550 lbs
For 90 lbs. of N per acre apply 1100 lbs
For 130 lbs. of N per acre apply 1700 lbs

Soil Preparation

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

Fertilizer Maintenance for Large Trees

Once trees have become well established, apply Sustane into holes punched into the ground within tree crown drip line. Once the tree has developed a 4-6 inch diameter, increase application rate to 0.75 lb. of Sustane per inch of tree trunk diameter.

**NOTE: Adjust fertilizer program for local conditions and requirements.

Sustane® All Natural Fertilizers are allowed for use in production of certified organic crops.

Coverage

50 lbs. covers 4000 sq. ft. @ 1 lb N per 1000 sq. ft. (44 lbs. N per acre)

22.67 kg. covers 372 sq. meters @ 0.5 kg. N per 100 sq. meters (50 kg. N per hectare)

12.5 lbs. per 1000 sq. ft.
6.2 g. per 1 sq. m.

Available particle sizes:

Medium Grade, 200 SGN (2.8mm - 1.4 mm)
Fine Grade, 100 SGN (1.4mm - 0.6 mm)

Crop Applications:

Crops	Timing	Appl. Method	Cup/100 Sq. Ft.	Lb./1000 Sq. Ft.	Rate Lb./Acre
Apples/fruit trees	annual	broadcast	1 lb. per 1" tree dia	1 lb. per 1" tree dia	1 lb. per 1" tree dia
Brassicas*	at transplant & 4 leaf stage	broadcast	1.4	4.6	200
	2 wk. pre-crown set	sidedress	2.6	8.6	375
Carrots	at planting & 4wks pre-harvest	sidedress	0.7	2.3	100
Curcubits (all vine crops)	post plant	in row	4	13.8	600
Garlic	apply 3x per season	sidedress	0.8	2.6	113
Grasses/Forages	preplant	broadcast	3.8	12.7	550
	post emerge	broadcast	8.6	28.7	1250
Legumes	preplant	broadcast	3	10	440
Lettuce-high density (12-18")	at transplant & after 2 wks	sidedress	7.8	25.8	1125
Lettuce-low density (30")	at transplant & after 2 wks	sidedress	4	12.9	563
Onions	at transplant & at 10" ht.	sidedress	0.8	3.2	140
Peppers	at transplant & pre-blossom	sidedress	1.2	4	175
Potatoes	at seeding	direct on row	5.7	19	825
Raspberries, year 1	at transplant	banded on row	2.8	9.2	400
Raspberries, year 2	spring application	broadcast over row	1	3.5	150
Small Grains	at seeding	direct with seed	0.3	1.0	44
Strawberries, year 1	at transplant & pre-runner	in row	1.7	5.8	250
Strawberries, year 2	at dormancy break	broadcast over row	1.0	3.5	150
Sweet Corn, early	at planting	starter	2.8	9.2	400
	at layby	sidedress	1.4	4.6	200
Sweet Corn, mid-season	at planting	sidedress	2.8	9.2	400
Squash, hollow stem	pre or post plant	broadcast	3.5	11.5	500
Tomatoes	at transplant	sidedress 3-4" away	8.6	28.7	1250

*Includes broccoli, cauliflower, cabbage, kale, Chinese cabbage, bok choy, and mustard greens.

Guaranteed Analysis

Total Nitrogen (N)	8%
0.4% Ammoniacal Nitrogen	
0.4% Water Soluble Organic Nitrogen	
7.2% Water Insoluble Organic Nitrogen*	
Available Phosphate (P ₂ O ₅)	2%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	2%

Derived from aerobically composted turkey litter, hydrolyzed feather meal, and sulfate of potash.

*7.2% slowly available nitrogen from aerobically composted turkey litter and hydrolyzed feather meal

Total Plant Nutrition

Magnesium	0.56%	Copper	0.03%
Sulfur	1.85%	Molybdenum	0.03%
Iron	0.42%	Boron	0.03%
Manganese	0.04%	Humic Acid	7.20%
Zinc	0.03%	Organic Matter	65.0%
pH	6.8	Carbon:Nitrogen(C:N)	4.1
Bulk Density lb./cu. ft	44 lb.	Salt Index (scale 1-100)	4
C.E.C. Cation Exchange Capacity	104 meq/cm		
% of Total N as Slow Release	90%		

(507) 263- 3003 Sustane Natural Fertilizer Inc.
(800) 352-9245 310 Holiday Avenue
(507) 263-3029 FAX P.O. Box 19
www.sustane.com Cannon Falls, Minnesota 55009

