



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

Recommended Use:

Certified for use in organic crop production, rapid vegetative establishment, erosion control, wetlands and burn area reestablishment, mine site reclamation, oil/gas remediation, and highway roadside establishment. Sustane 8-2-4 is the perfect fertilizer for greenhouse bedding plants and annuals establishment. (Please see recommended application rates in the Sustane Natural Base Fertilizers for Nursery, Greenhouse & Landscape technical brochure.)

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 NITROGEN FERTILIZER



Benefits of Sustane® 8•2•4

- Adds approximately 10% humates by weight
- Increases microbial diversity index in soils
- Increases the nutrient and water holding capacity of the soil
- Enhances plant stress tolerance in any environment or soil type
- Provides greater root development
- Sustane 8-2-4 buffers soil pH
- Supplies plant available Calcium and all secondary elements
- Increases the soil's ability to suppress plant pathogens
- Builds soil through particle aggregation, increasing permeability and nutrient cycling

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

- Manufactured by Sustane in the USA at an EPA-permitted composting facility.
- Pathogen, contaminant and weed free, Sustane contains no blood, guts, bone or animal meat meal byproducts. Sustane contains no pelletized chicken manure, sewage sludge or industrial waste materials.
- Sustane 8-2-4 is rich in microbial diversity and humic substances that are part of the natural cycling of plants and nutrients in all soils.
- Sustane all-natural 8-2-4 is high nitrogen organic 4-1-2 ratio, rich in humic substances. Easy to apply and predictable every time. The most effective organic fertilizer available

Sustâne® 8·2·4

ALL NATURAL

PRODUCT SPECIFICATIONS

Land Management, Native Restoration & Erosion Control Programs**

Hydroseeding

Mix with water solution at a ratio of 2 lb. Sustâne 8-2-4 to 1 gallon of water 1 ton per 1,000 gallon tank

For 44 lb. of N per acre apply 550 lb.

For 90 lb. of N per acre apply 1100 lb.

For 130 lb. of N per acre apply 1700 lb.

Soil Preparation

- Light, High Sandy Soil:
3 lb. per 100 square feet of bed
- Medium, Clay Loam Soil
2 lb. per 100 square feet of bed
- Heavy, Silty, Clay Loam
1 lb. per 100 square feet of bed

Fertilizer Maintenance for Large Trees

Once trees have become well established, apply Sustâne 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 Sustâne per inch of tree trunk diameter.

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

Potting Soils

8-2-4 is recommended for potting soils, annuals and vegetables.

Incorporate at 6 lb. (low rate) 10 lb. (medium rate) or 15 lb. per cubic yard (high rate). See Sustâne Professional Nursery, Greenhouse & Landscape bulletin.

Coverage

50 lb. covers 4000 ft² @ 1 lb. N per 1000 ft² (44 lb. N per acre)

22.67 kg covers 372 m² @ 0.5 kg N per 100 m² (50 kg N per hectare)

12.5 lb. per 1000 ft²

6.2 g per 1 m²

Crop Applications:

Crops	Timing	Appl. Method	cups/100 ft ²	lb./1000 ft ²	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, feather meal, and sulfate of potash.

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

Total Plant Nutrition

Magnesium	0.56%	Sulfur	1.85%
Molybdenum	0.03%	Iron	0.42%
Boron	0.03%	Manganese	0.04%
Humic Acid	10%	Zinc	0.03%
Organic Matter	65%	pH	6.8
Carbon:Nitrogen(C:N)	4.1	Bulk Density lb./cu. ft	36 lb.
Salt Index (scale 1-100)	4		
C.E.C. Cation Exchange Capacity	104 meq/100 g		
% of Total N as Slow Release	90%		

Available particle sizes:

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

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www.sustane.com Made in the USA

