



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

**Recommended Use:**

*All purpose broadcast and side dress balanced fertilizer for leafy crops, potatoes, and cucurbits. Natural nitrogen source for organic gardens and crops. Also for turf, parklands, and trees.*

**Description:**

*Sustane® 5-2-4 is an all natural slow release fertilizer that complies with the National Organic Program standards. Sustane® fertilizers works by replenishing the soil with a rich supply of humus (stabilized organic matter) and the essential nutrients required for sound and long term soil building programs. Sustane® 5-2-4 provides a combination of naturally chelated nutrients derived from biologically stabilized compost plus potash and feathermeal.*

# 5 • 2 • 4

## SUSTANE®

### ALL NATURAL GRANULATED FERTILIZER



**Benefits of Sustane®**

**5-2-4 Natural Organic**

- 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

**Stabilized Organic Matter**

Sustane® 5-2-4 All Natural Slow Release Fertilizer was designed with the knowledge that the best way to grow quality plants is to develop and maintain a healthy soil. While synthetic fertilizers supply plant growth nutrients, they do not supply the organic matter required to maintain quality plant life.

**Field Trials on Strawberries  
Sustane 5-2-4 vs. Our Competitors**

Sustane natural fertilizers are backed by research, crosschecked and verified by independent labs with third party testing and university field trials.

Treatment Plot	N-P-K Analysis	Yield-Crates per Acre	Sugar Content
Sustane All Organic	5-2-4	7357	10.0
Duration 60 SCU	41-0-0	7403	9.5
Blended Synthetic	18-7-12	7225	8.0
Meat Bone r-phos	8-3-4	7030	7.8
Chicken Manure	7-7-7	6560	9.0

# Sustane® 5•2•4

## ALL NATURAL

### Product Specifications

#### Sustane® Integrated Soil Management Program\*\*

##### Soil Preparation For Flower & Shrub Beds

- Light, High Sandy Soil:  
20 lb. per 100 square feet of bed
- Medium, Clay Loam Soil  
15 lb. per 100 square feet of bed
- Heavy, Silty, Clay Loam  
10 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 1.5 lb. of Sustane per inch of tree trunk diameter.

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

#### Application Rates

##### Northern Turf

##### Athletic Fields, Parks, and Lawncare-

Apply 2-3 times per season. Spring and Fall rate 20 lb. per 1000 sq. ft; Summer rate 15 lb. per 1000 sq. ft.

##### Greens and Tees-

Apply 3-4 times per season. Spring and Fall rate 20 lb. per 1000 sq. ft. Summer rate 15 lb. per 1000 sq. ft.

##### Southern Turf

##### Athletic Fields, Parks, and Lawncare-

Apply 4-7 times per season at a rate not exceeding 20 lb. per 1000 sq. ft. per application.

**Greens and Tees-** On Bermuda Grass, 20 lb. per 1000 sq. ft. per application every 30-45 days or as dictated by clipping weight.

#### Coverage

50 lbs. covers 2500 sq. ft. @ 1 lb N per 1000 sq. ft. (44 lbs. N per acre)

22.67 kg. covers 232 sq. meters @ 0.5 kg. N per 100 sq. meters (50 kg. N per hectare)

20 lbs. per 1000 sq. ft.

100 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	broadcast	2.2	7.4	320
	4-5 leaf stage	broadcast	2.2	7.4	320
	2 wk. pre-crown set	sidedress	4.1	13.8	600
Carrots	at planting	sidedress	1.1	3.7	160
	4 wks. pre-harvest	topdress	1.7	5.5	240
Curcubits (all vine crops)	post plant	in row	6.6	22.0	960
Garlic	at transplant	sidedress	1.2	4.1	180
	4 leaf stage	sidedress	1.2	4.1	180
	bulb formation	sidedress	1.2	4.1	180
Grasses/Forages	preplant	broadcast	6.0	20.2	880
	post emerge	broadcast	13.7	45.9	2000
Legumes	preplant	broadcast	4.8	16.1	704
Lettuce-high density (12-18")	at transplant	sidedress	12.4	41.3	1800
	2 wks. post plant	sidedress	12.4	41.3	1800
Lettuce-low density (30")	at transplant	sidedress	6.2	20.7	900
	2 wks. post plant	sidedress	6.2	20.7	900
Onions	at transplant	sidedress	1.5	5.1	224
	10" plant ht	sidedress	1.5	5.1	224
Peppers	at transplant	sidedress	1.9	6.4	280
	pre-blossom	sidedress	1.9	6.4	280
Potatoes, Norlund	at seeding	direct on row	9.0	30.3	1320
Potatoes, Yukon Gold	at seeding	direct on row	9.9	33.1	1440
Raspberries, year 1	at transplant	banded on row	4.4	14.7	640
Raspberries, year 2	spring application	broadcast over row	1.7	5.5	240
Small Grains	at seeding	direct with seed	0.5	1.6	70
Strawberries, year 1	at transplant	in row	2.8	9.2	400
	3wks. pre-runner set	broadcast over row	2.8	9.2	400
Strawberries, year 2	at dormancy break	broadcast over row	1.7	5.5	240
Sweet Corn, early	at planting	starter	4.4	14.7	640
	at layby	sidedress	2.2	7.4	320
Sweet Corn, mid-season	at planting	sidedress	4.4	14.7	640
Squash, hollow stem	pre or post plant	broadcast	5.5	18.4	800
Tomatoes	at transplant	sidedress 3-4" away	13.4	45.9	2000

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

#### Guaranteed Analysis

Total Nitrogen (N)	5%
0.5% Ammoniacal Nitrogen	
0.5% Water Soluble Organic Nitrogen	
4.0% Water Insoluble Organic Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	2%
Soluble Potash (K <sub>2</sub> O)	4%
Calcium (Ca)	3%

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

\*4.0% slowly available nitrogen from aerobically composted turkey litter and hydrolyzed feather meal

(507) 263- 3003

(800) 352-9245

(507) 263-3029 FAX

[www.sustane.com](http://www.sustane.com)

Sustane Natural Fertilizer Inc.

310 Holiday Avenue

P.O. Box 19

Cannon Falls, Minnesota 55009

