



*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 ₂ O ₅)	2%
Soluble Potash (K ₂ 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

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