



5-2-4 ALL NATURAL PLANT ESTABLISHMENT FERTILIZER

**KNOWN WORLDWIDE FOR *SIMPLY THE BEST...*
...NATURAL FERTILIZER & SOIL BUILDERS!**

SUSTANE® 5-2-4 GRANULAR

Recommended Use:

All purpose broadcast and side dress balanced fertilizer for leafy crops, vegetables, flowers, and cucurbits. Natural nitrogen source for organic gardens, turfgrass, parklands, and trees.

Description:

Sustane 5-2-4 All Natural Slow Release Nitrogen Fertilizer provides 6 - 12 weeks of nitrogen in the organic slow-release form and complies with the National Organic Program standards. Sustane replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the essential naturally chelated nutrients required for sound and long term soil building programs. Sustane 5-2-4 All Natural is derived from biologically stable organic compost plus natural sulfate of potash and feather meal.

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.

Professional Grade

Sustane Natural Fertilizer is backed by over 30 years of independent applied research on diverse crops and ecosystems. Unmatched by any other organic fertilizer manufacturer, such research is the foundation for developing products that deliver value under a wide variety of growing conditions. The superior performance of Sustane's products is recognized by growers from around the world.

AN ALL ORGANIC
FERTILIZER BLEND
MADE SINCE 1988



Benefits of Sustane 5-2-4 Natural Organic

- Increases nutrient and water holding capacity of the soil
- Adds approximately 8.5% humates by volume
- Strengthens plants' tolerance of 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

Field Trials on Strawberries:

Sustane 5-2-4 vs. Competitors

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

TREATMENT PLOT	N-P-K ANALYSIS	YIELD-CRATES PER ACRE	SUGAR CONTENT
SUSTANE ORGANIC	5-2-4	7357	10.0
DURATION 60 SCU	41-0-0	7403	9.5
BLENDED SYNTHETIC	8-7-12	7225	8.0
MEAT BONE R-PHOS	8-3-4	7030	7.8
CHICKEN MANURE	7-7-7	6560	9.0



SUSTĀNE INTEGRATED SOIL MANAGEMENT PROGRAM**

Application Rates

Coverage

- 50 lb. covers 2500 ft² @ 1 lb. N per 1000 ft² (44 lb. N per acre)
- 22.67 kg covers 232 m² @ 0.5 kg N per 100 m² (50 kg N per hectare)
- 20 lb. per 1000 ft² = 100 g per 1 m²

Soil Preparation for Garden Beds

- Light, High Sandy Soil: 5 lb. per 100 ft² (25 kg per 100 m²) of bed
- Medium, Clay Loam Soil 3.5 lb. per 100 ft² (17.5 kg per 100 m²) of bed
- Heavy, Silty, Clay Loam 2 lb. per 100 ft² (10 kg per 100 m²) of bed

**NOTE: ADJUST FERTILIZER PROGRAM FOR LOCAL CONDITIONS AND REQUIREMENTS.

CROP APPLICATIONS:

Crops	Timing	Appl. Method	cup/100 ft ²	lb./1000 ft ²	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.

Item #	Package Size	Units / Pallet
Sustāne 5-2-4		
<i>FINE GRADE, SGN 100</i>		
30-30-1311	50 lb. bags	40 bags / pallet
30-30-1351	1-ton tote	1 tote / pallet
30-30-1375 (international)	22.7 kg bags	44 bags / ISPM pallet
<i>MEDIUM GRADE, SGN 200</i>		
30-30-1111	50 lb. bags	40 bags / pallet
30-30-1151	1-ton tote	1 tote / pallet
30-30-1175 (international)	22.7 kg bags	44 bags / ISPM pallet

DISTRIBUTED BY:

5-2-4 Guaranteed Analysis

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

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

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

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