



8-2-4

ALL NATURAL SLOW RELEASE NITROGEN FERTILIZER

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

SUSTANE® 8-2-4 GRANULAR

Sustane 8-2-4 natural and organic fertilizer which provides a balanced feed that promotes a rapid and vigorous vegetative establishment with 6 - 9 weeks of nitrogen in the organic slow-release form. 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 provides a combination of dense plant nutrients and organic substances derived from biologically stable compost plus natural sulfate of potash and feather meal.

Description:

Sustane 8-2-4 provides a safe, simple, and cost-effective feeding solution for all types of crops. 8-2-4 provides balanced nutrition from seed through harvest. Sustane 8-2-4 is the perfect fertilizer for when you need significant quantities of organic slow-release nitrogen with low burn potential. Great for specialty crop production in high-quality soils or potting mixes.

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.

NUTRIENT DENSE,
HIGH NITROGEN FORMULA
FOR VIGOROUS VEGETATIVE
GROWTH OF ORGANIC CROPS

Benefits of Sustane 8-2-4 All Natural, Slow-Release Nitrogen Fertilizer

- 85% SRN for feeding up to 9 weeks
- Adds cation exchange capacity, 6% humic acid, chelated micronutrients for improved nutrient use efficiency
- Increases the nutrient and water holding capacity of the soil
- Enhances plant stress tolerance in any environment or soil type
- Formulated with aerobic compost to support natural soilborne disease suppression
- Supports soil particle aggregation, increasing permeability and nutrient cycling
- Improves soil health

Safe for Plants, People and the Environment

- Manufactured by Sustane in the USA at an EPA-permitted composting site and OMRI-approved manufacturing process.
- Fully tested and compliant the Food Safety Modernization Act requirements for fresh fruit and vegetable production
- Approved for certified organic production and export to over 60 countries world wide.
- Formulated for high nutrient use efficiency and reduced risk of nutrient run off



CROP APPLICATIONS:

Crops	Timing	Appl. Method	cups/100 ft ²	lb./1000 ft ²	lb./acre
Small Grains	at seeding	in furrow	n/a	1	40
Field corn	at seeding	in furrow	n/a	1	40
Apples/fruit trees	annual	broadcast	4	15	600
Broccoli/Cabbage	preplant	incorporate	3	10	400
	3 wk. pre-crown set	sidedress	6	20	800
Carrots	preplant	incorporate	3	10	400
Curcubits (all vine crops)	preplant	incorporate	7.5	25	1000
Garlic	apply 2x per season	topdress	1.5	5	200
	preplant	incorporate	3	10	400
Lettuce (head)	preplant	incorporate	3	10	400
	3 wk post transplant	sidedress	4	15	600
Onions	at transplant & 10" ht.	topdress	3	10	400
Peppers	preplant	incorporate	3	10	400
	3 wk post transplant	sidedress	3	10	400
Potatoes	at seeding	incorporate	9	30	1200
Sweet Corn	preplant	incorporate	4	15	600
	V4-V8	sidedress	4	15	600
Tomatoes (Determinate)	preplant	incorporate	3	10	400
	post fruit set	sidedress	3	10	400
Raspberries, year 2+	spring application	sidedress	5	20	800
Strawberries, year 1	at transplan/pre runner	in row	4	15	600
Strawberries, year 2+	at dormancy break	topdress	8	30	1000
Flowers and Herbs	pre or post plant	broadcast	5	20	800

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

Home and Market Gardens

Broadcast and incorporate 6 to 12 lb. per cubic yard of soil up to the date of planting. Side dress crops during the growing season, gently raking in granules to assure good soil contact. Apply monthly using 1 to 2 cups per 100 ft² of growing space.

Potting and Container Mix Soils

8-2-4 is recommended for growing vegetables, fruits, and flowers in all types of potting mixes. Incorporate up to the day of planting based on plant need, watering regime and pottin mix recipe. Use 6 lb. (low rate) 10 lb. (medium rate), or 15 lb. per cubic yard (high rate). Top dress every 3 to 6 weeks to encourage continual growth. See *Sustāne Greenhouse and Nursery brochure* for details.

Garden Beds

Use in ground or raised bed gardens for a bountiful harvest. Broadcast and incorporate 6 to 12 lb. per cubic yard of soil up to the date of plant-ing. Side dress crops during the growing season, gently raking in granules to assure good soil contact. Apply monthly using 1 to 2 cups per 100 ft² of growing space.

Item #	Package Size	Units / Pallet
Sustāne 8-2-4		
FINE GRADE SGN 100		
(1.4 .mm - 0.6 mm)		
30-55-1311	50 lb. bags	40 bags / pallet
30-55-1351	1-ton tote	1 tote / pallet
30-55-1375 (international)	22.7 kg bags	44 bags / ISPM pallet
MEDIUM GRADE SGN 200		
(2.8 mm - 1.4 mm)		
30-55-1111	50 lb. bags	40 bags / pallet
30-55-1151	1-ton tote	1 tote / pallet
30-55-1175 (international)	22.7 kg bags	44 bags / ISPM pallet



8-2-4 BULK DENSITY

ROUNDED MEASURE	WEIGHT GRAMS
1 teaspoon	2.8
1 Tablespoon	8.5
1/4 cup	34
1/2 cup	68
1 cup	136

8-2-4 Guaranteed Analysis

Total Nitrogen (N)	8%
0.8% Ammoniacal Nitrogen	
0.8% Other Water Soluble Nitrogen	
6.4% Water Insoluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	2%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	2%
Magnesium (Mg)	0.5%
0.01% Water Soluble Magnesium (Mg)	
Sulfur (S)	1%
Iron (Fe)	0.1%
Derived from aerobically composted turkey litter, feather meal, and sulfate of potash.	
*6.4% slowly available nitrogen from aerobically composted turkey litter and feather meal	

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapco.org/metals.html>