



10-1-4

NATURAL BASED NITROGEN FERTILIZER

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

SUSTANE® 10-1-4 GRANULAR

Recommended Use:

Sustane 10-1-4 is recommended for use early season, on all turf surfaces, particularly greens, in cooler conditions when soil temps are below optimum, as a start up fertilizer. Increased W/S N in 10-1-4 will release for plant uptake in cooler conditions, while the organic base will help build up soil carbohydrate reserves at a crucial time early season, for increased plant metabolism.

Description:

Sustane 10-1-4 Spring Turf Starter is a fine grade homogenous granular fertilizer for greens, tees, and tight cut fairways. It is rich in quick release water soluble nitrogen, making it ideal for a quick green up in early spring.

Professional Grade

Sustane products are derived from biologically stable humus-rich compost and contain both water soluble nitrogen (WSN) and slow release nitrogen (SRN), beneficial microbiology, and all 17 elements essential for plant photosynthesis. With a near-neutral pH, a low salt index and low ammonium nitrogen percentage, Sustane will not cause seedling stress or plant fertilizer "burn". Sustane products increase soil cation exchange capacity (CEC) by supplying humates and stable organic matter. Sustane's organic and blended natural fertilizers provide all soil types with additional buffering capacity, allowing for more consistent and productive growth.

GREENS GRADE SPRING STARTER

Benefits of Sustane 10-1-4

- Provides increased soluble Nitrogen for immediate plant uptake in lower soil temperatures.
- 75% of the total nitrogen is water soluble and readily available.
- The N source is in the ammonium sulfate form and is known to lower soil pH and aid in suppression of certain turfgrass diseases.
- The organic base carrier from Sustane compost and natural sulfate of potash supply all other nutrients and carbohydrates and humic substances required to maximize nutrient availability
- The first high soluble N source for turf carried and buffered by Sustane concentrated compost.



APPLICATIONS AND RATES*

IMPERIAL					METRIC				
50-lb. bag covers 5,000 sq. ft. at 1 lb. N per 1,000 sq. ft.					22.67-kg. bag covers 463 sq. m. at 0.5 kg. N per 100 sq. m.				
Standard Appl. Rates	Appl. Rate Lb. Product per 1,000 ft. ²	Supplies Lb. N per 1,000 ft. ²	Appl. Rate Lb. Product per Acre	Supplies Lb. N Per Acre	Appl. Rate Kg. Prod. Per 100 m ²	Appl. Rate Grams Prod. Per 1 m ²	Supplies Grams N Per 1 m ²	Appl. Rate Kg. Prod. Per Hectare	Supplies kg. N Per Hectare
Full Rate	10.0	1	436	44	4.9	49	4.9	488	48.8
Half Rate	5.0	0.5	218	22	2.4	24	2.4	244	24.4
Quarter Rate	2.5	0.25	109	11	1.2	12	1.2	122	12.2

Turf 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

Cool Season Grasses

Greens and Tees

Spring Start up Rates

5.5 to 11 lb. per 1000ft² (2.5 kg to 5 kg per 100 m²)

Sportsfields, Parks and Lawncare

Spring summer and Autumn

5.5 to 11 lb. per 1000 ft² (2.5kg to 5kg per 100 m²)

Warm Season Grasses

Greens and Tees

Spring Start up Rates

5.5 to 11 lb. per 1000ft² (2.5 kg to 5 kg per 100 m²)

Sportsfields, Parks and Lawncare

Spring, summer, and autumn

5.5 to 11 lb. per 1000 ft² (2.5kg to 5kg per 100 m²)

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

Storage

Store in a cool, dry place. Do not expose to moisture or

10-1-4 Granular	Package Size	Units / Pallet
<i>FINE GRADE, 100 SGN</i> (1.4 mm - 0.6 mm)		
Item #		
30-11-0011	50 lb. bags	40 bags / pallet
30-11-0051	1-ton tote	1 tote / pallet
30-11-0075 (international)	22.68 kg bags	44 bags / ISPM pallet



“We have chosen to use Sustane 10-1-4 as our early season start-up fertiliser for several years now, and the product has been extremely flexible, giving us consistent performance in varying weather conditions over the last few springs. It helps us to achieve a good balance of sward recovery, whilst also adding the organic base to stimulate soil health at a crucial time early season.”

Steve Pryor
 Course Manager
 The Dorset Golf and Country Club
 Dorset UK.

10-1-4 Guaranteed Analysis

Total Nitrogen (N).....	10%
7.5% Ammoniacal Nitrogen*	
2.5% Water Insoluble Organic Nitrogen**	
Available Phosphate (P ₂ O ₅).....	1%
Soluble Potash (K ₂ O).....	4%
Calcium (Ca).....	2%
Sulfur (S).....	10%

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

**2.5% slow release nitrogen derived from aerobically composted turkey litter.

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