BOLSTER GRANULAR®

4•4•4 *plus* IRON TURF ESTABLISHMENT & SOIL BUILDER

SUSTÅNE® Naturally...

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

A NATURAL BASED FERTILIZER WITH A SYNERGISTIC BLEND OF COMPOST, PLANT BIOSTIMULANT, AND HUMIC ACID IDEAL FOR CORE AERIFICATION, SODDING AND TURF ESTABLISHMENT.

BOLSTER 4-4-4 PLUS IRON

Description:

BOLSTER GRANULAR 4-4-4 plus Iron provides a blend of organic nutrients, beneficial microbiology, bio-stimulants, and iron to improves all turf and landscape plantings. 3% chelated iron promotes greening and rapid root development and seaweed extract, humic acid, and compost-based microorganisms act as biostimulants that enhance root growth and improve overall plant health.

Recommended Use:

BOLSTER is recommended for use in all renovation, pre-plant, seeding, and amendment requirements to turfgrass surfaces. It is best applied after aeration, either hollow coring or solid tining to incorporate the product into the soil surface.

Professional Grade

Suståne 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, Suståne will not cause seedling stress or plant fertilizer "burn". Suståne products increase soil cation exchange capacity (CEC) by supplying humates and stable organic matter. Suståne's organic and blended natural fertilizers provide all soil types with additional buffering capacity, allowing for more consistent and productive growth.

Benefits of BOLSTER 4-4-4 plus Iron

- Provides quick green up followed by six to eight weeks of even color and growth.
- Strengthens plants tolerance against hot, dry conditions.
- Improves buffering against changes in soil pH.
- Increases the soil's ability to suppress plant pathogens and soil contaminants.
- Increases soil porosity and stability for greater root development and water holding capacity.
- Rich in active healthy soil microbiology
- Contains Ascophyllum nodosum seaweed.
- BOLSTER G is extremely safe and will not burn or discolor turfgrass.
- Reduces transplant shock.

World Class Fertility by Suståne

Suståne Natural Fertlizer 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 Suståne's products is recognized by turf managers and superintendents from around the world.

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APPLICATIONS AND RATES*

Turf Coverage

25 lb. covers 1,000 ft² @ 1 lb N per 1,000 ft².
1,100 lb. per acre provides 44 lb N per acre.
11.3 kg covers 93 m² and 125 g covers 1 m²@ 0.5 kg N per 100 m².
1,250 kg per hectare provides 50 kg N per hectare.

IMPERIAL					METRIC				
50-lb. bag covers 2,000 sq. ft. at 1 lb. N per 1,000 sq. ft.					22.67-kg. bag covers 186 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 m²	Appl. Rate Grams Prod. Per 1 m²	Supplies Grams N Per 1 m²	Appl. Rate kg. Prod. Per Hectare	Supplies kg. N Per Hectare
Full Rate	25	1	1090	44	12.2	122	4.9	1220.4	48.8
Half Rate	12.5	0.5	545	22	6.1	61	2.4	610.2	24.4
Quarter Rate	6.25	0.25	272	11	3.1	31	1.2	305.1	12.2

Core Aerification, Vertical Mulching, or Vertical Aeration:

Apply 0.5 lb. to 1 lb. N/1,000 ft² (6 kg to 12 kg/100 m²) after aerifcation. Drag fertilizer into core holes.

Turf Establishment:

Pre-plant: Broadcast and incorporate into top 4 in. (10 cm) of soil. 50 lb. per 1,000 ft² or 2,200 lb. per acre or 25 kg per 100 m².

Post-plant (45-60 days): Broadcast and water in 25 lb. per 1,000 ft² or 1,100 lb. per acre or 12 kg per 100 m²

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

Item #	Package Size	Units / Pallet
BOLSTER Granular® 4-4-4 + 3Fe		
Fine Grade, 100 SGN (1.4 .mm - 0.6 mm)		
50-30-1321	25 lb. bags	80 bags / pallet
50-30-1311	50 lb. bags	40 bags / pallet
50-30-1375 (international)	22.68 kg bags	44 bags / ISPM pallet





4-4-4+3Fe Guaranteed Analysis

Total Nitrogen (N)	4.0%
0.4% Ammoniacal Nitrogen	
0.4% Other Water Soluble Nitrogen	
3.2% Water Insoluble Nitrogen*	
Available Phosphate (P2O5)	4.0%
Soluble Potash (K2O)	4.0%
Calcium (Ca)	4.0%
Magnesium (Mg)	0.5%
Sulfur (S)	1.0%
Iron (Fe)	3.0%

Derived from aerobically composted turkey litter, feather meal, sulfate of potash and ferrous sulfate.
**3.2% slowly available nitrogen from aerobically composted turkey litter and feather meal.*

Also contains non-plant food ingredients:

Humic Acid (derived from leonardite and aerobically composted turkey litter)	5.0%
Seaweed Extract (Ascophyllum nodosum)	1.0%

94.0% Total Fertilizer Ingredients

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

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