

SB Foundation HFU

Description

SB Foundation is a naturally occurring organic substance consisting primarily of humic acids. The humic acids contained in Foundation form a unique complex with nutrients very similar to chelates. It is very active and easily absorbed by the root. The high carbon content stimulates beneficial soil organisms. Continued use improves the structure and organic content of the soil.

SB Foundation HFU A premium-quality Leonardite granule specially selected from an ultra-high-grade deposit of Leonardite. It is a very rich source of Humic and Fulvic and Ulmic acids and various other nutrients.

HUMIC ACID is a natural soil conditioner that acts as an organic chelator or microbial stimulator. It has a unique carbon matrix which includes a high concentration of trace minerals and organic acids. Humic acid enhances the plant's ability to take in essential nutrients and improves soil structure. Humic acids have a high cation exchange capacity (C.E.C.) and help chelate nutrients and stimulate soil microbes.

FULVIC ACIDS can be absorbed by root tissue and provide hormone-like stimulation to the plant. They also aid in the efficiency of plant metabolic reactions.

ULMIC ACIDS have the ability to ionize metals acting as powerful chelating agents. Like Humins, Ulmic acid is known to stimulate and increase root formation and growth.

Specifications

Contents Typical analysis (dry basis) Total 65% minimum		Total Carbon (C) - 25-45%	
Moisture - 14-22%.	pH (5% solids)- 3.5-5.0.	Total Nitrogen- 0.5-1.5%	MgO- 1.5-3.0%
CaO - 1.0-5.0%.	Bulk Density 45lbs.ft ³ (721 kg/m ³)	Iron (Fe ₂ O ₃) - 0.5-1.5%	Potassium (K) 0.05-0.1%
Boron (B)-0.01-0.05%		Manganese (Mn) - 0.01-0.05%	
		Sulphur (S) - 1.5-3.0%	Dry particle size - 5% max retained on a 8 mesh 50% min passing on a 30 mesh 95% min retained on 70 mesh
Potash K ₂ O 0.1-0.5%	Available Phosphate(P ₂ O ₅) - 0.01- 0.05%		

Application

Spread at 250 kg per hectare (20 to 25 g/m²). To established turf.
400kg per hectare to new developing turf

For Horticultural Applications add to growing medium at 25 to 50 g per square metre

Compatibility

SB Foundation HFU is compatible with most inorganic and organic fertilisers, fungicides, pesticides and wetting agents or contact your technical advisor for further information on compatibility.

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