



SIGNATURE TRACES

Multi-trace Element Fertiliser

SIGNATURE TRACES is a multi-trace element formulation containing iron, magnesium, copper, manganese, boron and molybdenum specially designed for the requirements of premium quality turfgrass. The application of these trace elements is essential for complete nutritional control when managing quality turf.

The role of most trace elements in turfgrass is to form enzymes to initiate or control growth. They act like switches that stimulate and activate plant function. Signature Traces is specially formulated for turfgrass to cater for its own requirements.

Iron: Undoubtedly the most useful tool in maintaining Turfgrass colour without enhancing excessive growth is Iron. The application of Iron will force turf to produce Chlorophyll in excess thus giving the green up required. Iron is also essential for production of other enzymes involved in Oxidation and Reduction reactions. While the colour effect of Iron applications is what is sought after, the physiological role and resulting turf health because of Iron is as equally important.

Magnesium: Magnesium is vital to the completion of the greening effect. Magnesium will form the central structure of the chlorophyll cell. Without it, the green up effect cannot happen as readily.

Zinc: Zinc is required for the production of the hormone Auxin, which controls cell expansion and elongation and is vital in sustaining normal growth patterns. Zinc is also involved in photosynthesis.

Manganese: Like Iron, Manganese is involved in oxidation and reduction reactions and in the production of enzymes to control growth.

Copper: Involved the photosynthetic reaction and in the production of enzymes.

Boron: Boron is vital for the Meristematic Cells (growing point) where actual cell division occurs and in the transportation of sugars through turf.

Molybdenum: Molybdenum is required in the production of enzymes to assimilate Nitrogen into turf. Molybdenum converts nitrate nitrogen into ammonium nitrogen. Therefore, the production of amino acids and protein cannot occur without Molybdenum.

DIRECTIONS FOR USE: TURF

Rate: 200 - 500 mL / 100m²
Apply as required.

APPLICATION NOTES:

Tees & Greens: 6 - 10 L water / 100 m²
Fairways: 400 - 600 L water / Ha
Apply early morning or late afternoon.

PRODUCT ANALYSIS

		w/v%
Iron	(Fe) as Sulphate	4.0
Magnesium	(Mg) as Sulphate	2.0
Zinc	(Zn) as Sulphate	1.0
Manganese	(Mn) as Sulphate	1.0
Copper	(Cu) as Sulphate	1.0
Boron	(B) as Borate	0.5
Molybdenum	(Mo) as Molybdate	0.05

PRODUCT SPECIFICATIONS

S.G: 1.28
pH (Neat): 2.0 - 3.0
Appearance: Green liquid
Shelf Life: 3 years

AVAILABLE PACK SIZES & WEIGHTS

5 Litre: 6.6
20 Litre: 26.6
200 Litre: 265.5
1000 Litre: 1360.0