

FOR MORE INFORMATION ON FOLIⁱMAX, CONTACT YOUR LOCAL TERRITORY MANAGER OR CALL 1800 631 008.

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Liquid nutrition at its best

FoliMAX SOIL PRIMA™

Liquid Soil Conditioner

Liquid nutrition at its best

FoliMAX SOIL PRIMA

Soil Prima is a liquid soil conditioner that will improve soil aggregation, soil structure and nutrient utilisation in the root zone.

Soil Prima contains modified humates, which acts as a complexing agent for mobilising soil nutrients in forms which are readily available for plants. Turf grasses have an abundance of organic material resulting in complex interactions between plant roots and soil microbes. Soil Prima provides the energy source to accelerate microbes oxidising the available organic carbon present in the soil and utilise it as their energy source. The recycling of thatch and mat creates a more friable layer that enables water to pass through more freely, and aids in flushing sulphur build ups i.e. Black Layer. Soil Prima will improve CEC levels in the soil. As soil microbes breakdown the thatch, and Humic acid activity increases in the soil, the availability of nutrients increases in all soil types.

FoliMAX SOIL PRIMA Guaranteed Minimum Analysis:

Organic Acids (Humic Acid, Fulvic Acid): 11.3%

Humic Acid: 5.7% **Fulvic Acid:** 2.3%

Carbon: 4%

Potassium (K): 1.7%

Sulfur (S): 0.9%

FoliMAX SOIL PRIMA Product Characteristics:

Appearance: Brown, viscous product with slight ammonia smell

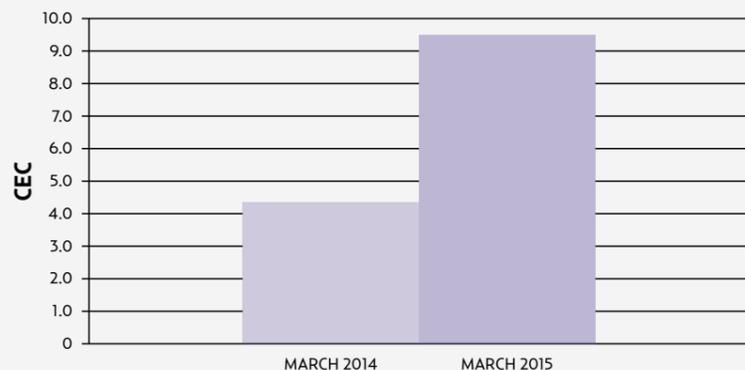
Solubility: 100%

Key Benefits of FoliMAX SOIL PRIMA

- Increases CEC levels in all soil types.
- Aids in accelerating nutrient availability, uptake and retention
- Aids in flushing sulphur accumulation, the root cause of 'black layer'
- Increases root depth and density of root mass throughout the soil profile
- Enhances plant health and induces disease resistance
- Highly soluble and compatible with other liquid applications
- Proven performance in turf management

Fulvic and Humic Acid

Humic Acids improve soil function in a number of ways. Humic Acid is characterised by a large molecule containing a highly active charge. This charge bonds nutrient ions, preventing leaching of soil nutrients. Humic acids also increase the nutrient retention and water holding capacity of the soil re: CEC (Cation-exchange Capacity). The application of Humic acid to soil gives the soil greater capacity to maintain a nutrient rich environment in the root zone for turf grasses.



Dramatic increase in CEC (Cation-exchange Capacity) on a prominent Melbourne turf surface.
Nutrients: Soil Conditioners (Polyelectrolytes), Soil Conditioners (Humic and Fulvic Acids)

Fulvic Acids are the smallest molecular form of Humic Acid molecules. Fulvic Acid has been shown to be a powerful complexing agent, binding to minerals and assisting with making them more available for plant absorption. It has also been shown to increase levels of the plant hormone auxin and contribute to over plant performance and effective root growth.

The true strength of Soil Prima is that it contains both **Fulvic Acid and Humic Acid**, hitting the mark on both fronts.

Soil Prima contains modified sulphonated humates, which act as a complexing agent for mobilizing soil nutrients in forms which are readily available to plants. Soil Prima is also a source of metabolisable energy for the soil microbes present in the root zone. In addition the product supplies added functional carbon, sulphur and potassium to the plant.

Root zone activity and the rapid recycling of organic material such as thatch and mat, is the key to increasing CEC levels. Turf grass surfaces have an abundance of organic material build-up, resulting in complex interactions between plant roots and soil microbes. Soil Prima provides the energy source to accelerate the microbes oxidizing the available organic carbon present in the soil and allowing them to utilise it as their energy source. In turn, microbes transfer previously unavailable nutrients back to the living plant.

BEFORE - 30/05/2016



FIG 1. Black layer present, golf green in Melbourne.

AFTER - 17/08/2016



FIG 2. After Soil Prima, applications on same green.

The recycling of organic matter creates a more friable layer which in turn allows water to pass through more easily and aids in flushing sulphur accumulation, the root cause of 'black layer'.



Soil Prima, coupled with the use of soil ameliorant MLR-8 and supported by balanced nutrition has achieved excellent results on many different turf grass surfaces.

With an emphasis on root development and structure, the ability of Soil Prima to stabilise a surface has been obvious. Not only is it important to promote root depth, it is also equally important to create fibrous roots and the branching root volume and density which build performance in the soil/sand.



FoliMAX SOIL PRIMA APPLICATION INFORMATION

Apply Soil Prima as part of a balanced soil nutrition program throughout the year. Apply in a minimum of 200L water per hectare and follow with 4-6mm irrigation. Do not apply when temperatures exceed 30°C.

APPLICATION RATE CHART

Situation	Rate/Ha	Comments
Initial Application: High Cut Turf (e.g. sportsfields, racetracks and fairways)	20-40L	Apply at 4-8 week intervals or as recommended by your Territory Manager.
Maintenance Application: High Cut Turf (e.g. sportsfields, racetracks and fairways)	10-40L	
Initial Application: Fine Cut Turf (e.g. golf and bowling greens)	20-40L	
Maintenance Application: Fine Cut Turf (e.g. golf and bowling greens)	10-40L	

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OTHER KEY PRODUCTS IN THE FoliMAX RANGE

FoliMAX MLR-8

MLR-8 is a liquid soil ameliorant designed to improve soil performance including water movement, root development and aggregate stability. A perfect blend of soluble Calcium for soil amelioration and plant uptake, designed to improve the functional capacity of the soil.



FoliMAX Bi-Pass

Bi-Pass is a soil and water conditioner that reduces bicarbonate and carbonate in irrigation water and soil solution. Bi-Pass contains micro-nutrients and also increases critical micro-nutrients that are catalysts for macro-nutrient absorption.

