

# RicoMax

## Bioactive growth stimulant and soil conditioner

### General Information

Humic substances are major organic constituent of soils, which affect their physical and chemical properties. They also improve the soil fertility. Humic substances as constituents of cultivation soil are categorized in three classes: Humic acid, Fulvic acid and Humin. Only two forms of humic acid and fulvic acid are applied in agriculture.

RicoMax is a natural soil amendment that works as a nutrient uptake stimulator. Humic matter increase the soil's cation exchange capacity (CEC), thus improving the soil structure and enhancing soil capability to supply the plant with essential nutrients. The humic matters also induce electrochemical potential in the roots that facilitates nutrients uptake. Due to enhanced production of phenolic compounds, the humic matters boost the plant's stress resistance. This product is suitable for all agricultural and horticultural plants, particularly those suffering from environmental growth stresses. It can enhance the performance of fertilizers and reduce input costs.

### Advantages of RicoMax

- Stimulates plant growth
- Increases the permeability of cell membranes in the roots and increases their nutrient uptake
- Improves the soil structure and its water retention capacity
- Increases the effectiveness of fertilizers and reduces nutrient leaching
- Increase plant resistance to stresses
- Increases yield and improves the quality of the plant

### Compositions:

Humic acid 12%, Fulvic acid 2.6%, Soluble potassium (K<sub>2</sub>O) 4.3%

### Recommendation for application:

Apply directly to the soil in fall or early spring and as many 4 to 6 application per growing season.

- For greens and trees ..... 200 ml per 100 sq.mt., 4 to 6 application per year.
- For fairways and sportsfields ..... 13L per Hectare, 4 to 6 application per year.
- Hydroseeding ..... 18.92 – 37.84 L in 2000-3000L of water per Hectare.
- Landscaping ..... 9.46L in 3000L of water per Hectare.

### Caution:

- When mixing with pesticides, dilute liquid humic acid with water prior to the addition of buffering agents and pesticides.
- Do not tank-mix with carbonate-based pesticides, as efficacy will decrease.
- Do not mix with calcium nitrate, phosphoric acid, zinc sulphate or other solution with PH of less than 6.

- Compatibility test with the intended mixing partners is recommended before practical use