

# SYMBIO HUMIC BOOSTER POWDER



## Benefits

- ✓ *Stimulates beneficial fungal populations to promote fine grass and degrade thatch*
- ✓ *Aggregates soil, improves structure and CEC*
- ✓ *Chelates magnesium, calcium and iron to improve nutrient absorption*

*Symbio Humic Booster is a soil and foliar treatment rich in humates, humic and fulvic acid and potassium (contains 10%  $K_2O$  by weight of dry matter)*

**HUMATES, HUMIC AND FULVIC ACIDS** are a major part of soil organic matter and can be used to stimulate beneficial soil fungi populations, increase soil cation exchange capacity and provide organic and mineral plant nutrients for improved plant growth.

**IN SAND ROOTZONES** readily available humate substances are limited and should be added regularly during the growing season to feed the fungi and bacteria that form the foundations of the soil food web.

**HUMIC BOOSTER** may be combined with all Symbio microbial additives and compost teas. Test a sample before mixing with any inorganic products.

**PACK SIZE: 10kg**

### APPLICATION AND TIMING

#### As a foliar feed

1-2kg per Ha in 300 – 400 litres water

#### As a soil drench

2-5kg per Ha in 400 – 600 litres water

Pre-dissolve Humic Booster in 10 -20 litres of warm water stirring well before adding to spray tank. Ensure the Humic Booster is fully dissolved before adding to the spray tank.

*Humic Booster is a natural substance and small particles may not dissolve. We recommend that you allow any sediment to settle out or pass the liquid through a filter before adding to the spray tank.*

|  |             |
|--|-------------|
| Water content (106°C)                  | 19.90 %     |
| Dry matter content                     | 80.10 %     |
| Ash content (dry matter basis)         | 26.72 % (*) |
| Humic Acid content (dry matter basis)  | 73.28 %     |
| Fulvic Acid content (dry matter basis) | 2.00 %      |
| Content of compounds in ash            | 26,72% (*)  |

|                                |         |
|--------------------------------|---------|
| SiO <sub>3</sub>               | 22.00 % |
| Al <sub>2</sub> O <sub>3</sub> | 14.00 % |
| CaO                            | 2.50 %  |
| Fe <sub>2</sub> O <sub>3</sub> | 6.00 %  |
| K <sub>2</sub> O               | 50.00 % |
| TiO <sub>2</sub>               | 1.00 %  |
| SO <sub>3</sub>                | 1.50 %  |
| Others                         | 3.00 %  |

#### Max. content of heavy metals (mg/kg)

|    |    |
|----|----|
| Cd | 1  |
| Pb | 10 |
| Hg | 2  |
| As | 20 |
| Cr | 80 |

#### Additional specifications

|                     |           |
|---------------------|-----------|
| PH value            | 9 – 11%   |
| Solubility of water | 98 – 100% |

#### Precaution

**IF SWALLOWED** Rinse Mouth, Do not induce vomiting  
**IF ON SKIN** Gently wash with plenty of soap and water  
**IF IN EYES** Rinse cautiously with water for several minutes