

# Prestige Super Establisher

**NPK 3-1- 4 + 5% Humates + Mycorrhizae**

**Granular Potassium Humate and Mycorrhizae based turf and root enhancer. Formulated to increase nutrient and water uptake to give faster turf recovery, accelerate plant establishment and increased tolerance to stress**

Prestige Super Establisher combines a granular Nitrogen, Phosphate and Potassium fertiliser with Potassium Humates and Mycorrhizae to maximise root growth and establishment and enhance water and nutrient uptake.

## **Mycorrhizae**

Mycorrhizae live symbiotically with plants in that they both benefit from each other. Mycorrhizae form vesicles and arbuscles on plant roots—these are involved in the exchange and storage of nutrients. By colonisation of plant roots Mycorrhizae gives roots a far greater surface area and therefore a greater uptake of water and nutrients. External hyphae form a better distributed surface for absorbing nutrients from the soil than roots alone.

Mycorrhizae also play an important role in making soil phosphorous (P) available to the plant. P becomes fixed in high acidic or alkaline soil, Mycorrhizae works through enzymatic activity to break down P and help it take it into the plant.



Prestige Super Establisher contains 3 different pure species of Vesicular Arbuscular Mycorrhiza (VAM) which are produced under sterile laboratory conditions.. VAM fungi is used as it is not host specific so can be used to colonise a very wide range of plants. The 3 species have been selected in order to give maximum performance over an number of different conditions. The first species gives general all round performance, the second is selected for efficacy in dry conditions so is drought resistant and the third species is selected for efficacy in wet conditions.

## **Potassium Humates**

This acts as a plant available source of potassium, which is a vital component of plant nutrition. It is also a source of Humic Acid which is biologically stimulates the plant, increasing cell division and root development. Humic acids are derived from humates which are occur naturally and are formed by the breakdown of organic matter. Humates give key Benefits to both the plant and the soil

### **KEY BENEFITS**

- **Increased tolerance of drought, salts, heavy metal and disease causing pathogens.**
- **Faster turf recovery and re-growth**
- **Increased nutrient and water uptake**
- **Increased photosynthesis and growth**
- **Increases and stimulates beneficial microorganisms.**
- **Increases germination of seeds and enhances development and establishment**
- **Enhances CEC (Cation Exchange Capacity) in the soil**
- **Natural Chelating effect.**
- **Non Hazardous**
- **Stable - long shelf life.**



## **Application Details**

**Aerification:** Apply 400kg per Ha (40gm per m<sup>2</sup>). Best applied after spiking, work into contact with soil.

**Divot Mixes:** Apply 15kg per m<sup>3</sup> to sand divot mix.

**Turfing/Seeding:** As a soil preparation, use 500kg per Ha (50gm per m<sup>2</sup>) applied to soil surface before turf installation or seeding

**New Construction/Renovation:** Add 9kg per m<sup>3</sup>