

MycoGranule NPK 2-0-10



NPK 2-0-10 + 3% Humates + Mycorrhizae

Granular Potassium Humates 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.

NDK MycoGranule combines a granular Nitrogen and Potassium fertilizer with Potassium Humates and Mycorrhizae to maximise root growth, establishment and enhance water and nutrient uptake.



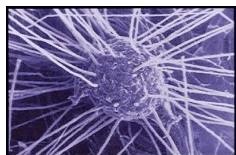
Key Benefits:

- Increased tolerance to drought, salt, heavy metal and disease causing pathogens.
- Faster turf recovery and re-growth.
- Increased water and nutrient uptake.
- Increased photosynthesis and growth.
- Increases seed germination and enhances development and establishment.
- Enhances CEC (Cation Exchange Capacity) in the soil.
- Natural chelating effect.
- Non hazardous.
- Long shelf life.



Mycorrhizae

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



Mycorrhizae also play an important role in making soil Phosphorus (P) available to the plants. P becomes fixed in highly acidic or alkaline soil, so although it may be in the soil, it is not available to the plant. As well as extending the roots to allow them to access more P, Mycorrhizae work through enzymatic activity to break down soil P enabling it to be available for plant uptake.

NDK MycoGranule contains 3 different pure species of Vesicular Arbuscular Mycorrhizae (VAM) which are produced under sterile laboratory conditions to ensure maximum and consistent spore viability. VAM fungi are not host specific so they work with a wide variety of crops. The 3 species have been selected to give maximum performance in all conditions with 1 specific for drought, 1 specific for wet conditions and 1 species for all round performance, making the product widely suitable for different applications.

Potassium Humates

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

Application details

New construction / land renovation: 9 kg per m³

Turfing / Seeding as soil preparation: Use 500 kg / Ha (50gm per m²) applied to the soil surface before turf installation or seeding.

Aeration: 400 kg / Ha (40 gm / m²) applied after spiking, work into contact with soil.

Divot mixes: Apply 15 kg per m³ to divot mix.