

Platform

Advanced microbial inoculant for root health

A large and diverse population of soil microorganisms are important to turf health and the use of fungicides in turf management can reduce microbial bio-diversity. Beneficial fungi such as mycorrhizae are particularly sensitive to continual applications. **Platform** is a breakthrough inoculant boosting the communities of Arbuscular Mycorrhizal (AMF) and Trichoderma fungi species responsible for root health, increased biomass, improving plant health and disease resistance.

How does it work?

- **Platform** contains 4 species of AMF that form a unique symbiotic relationship with plant roots, increasing the surface area available for nutrient exchange and improving the porosity of the soil.
- **Platform** contains 5 strains of Trichoderma species which are widely recognised to produce compounds that elicit disease resistance in the plant and promote root growth.

Why use Platform?

- Highly concentrated
- Improves plant resilience in the rootzone
- Builds humus
- Boosts levels of calcium and availability of phosphate and zinc
- Improves nitrogen fixation
- Improves nutrient availability
- Easy to use as no fermentation required prior to application

Where / when

- Ideal for newly seeded or laid turf
- Monthly maintenance applications will promote root health and longevity
- Suitable for use on sand based rootzones where organic matter content is limited

Application Rates & Timings

Pack Sizes: 1Kg

Apply as a crown drench.

Sports Fields & Golf Fairways: Apply initially @ 500g/ha. Repeat monthly @ 200g/ha.

Golf Greens: Apply initially @ 1kg/ha. Repeat monthly @ 500g/ha.

Method: Always use a fully calibrated sprayer at the recommended dosage. See directions for use overleaf.

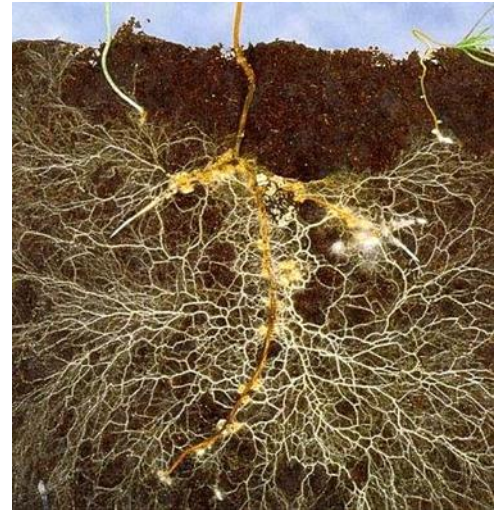
Platform is not compatible with pesticides or high level phosphates.

The Science

The presence and action of mycorrhizal fungi have numerous benefits for soil structure and turfgrass health. By building their network of spores and hyphae they form elaborate extensions to root systems. This extensive network efficiently absorbs water and delivers macro and micronutrients to the plant, improving both water and nutrient utilisation. It also binds soil particles together improving soil porosity and the movement of water and oxygen within the soil.

Arbuscular Mycorrhizal (AMF) also produce glomalin, a major component of soil organic matter which stores carbon and forms aggregates to add structure to the soil and keep other stored carbon from escaping.

Trichoderma are highly interactive in the rootzone. Trichoderma strains have long been recognised for their role in stimulating the plants natural defences against disease and for their ability to increase root growth and development, resistance to environmental stresses, and uptake and use of nutrients. Beneficial fungal species Trichoderma harzianum, Trichoderma lignorum and Trichoderma koningii in particular have been identified for their role in promoting plant and root growth.



Directions for use:

Platform is a wettable powder that readily disperses into a suspension when mixed with water. Ensure applicator is thoroughly cleaned and free from pesticide residues. Dissolve the required amount in clean water to form a flowable solution, stirring well. Agitate at all times throughout application and ensure flow from the tank to spray head remains constant at all times. Dilution rate should be adequate to wash the product into the top 2-4cm of soil.

Platform contains fungal spores that can be up to 260µm (0.26 mm) in size therefore it is recommended that an in-line filtration system of a minimum 30 mesh (0.5 mm) is fitted to ensure delivery lines are free of contaminants. Flushing of lines after use is recommended.

YOUR LOCAL DISTRIBUTOR

This product is physically compatible with a wide range of tank-mix partners. Check compatibility prior to adding to the spray tank. Consult your local advisor or Soil Harmony for specific recommendations. Efficacy may be effected by plant health, growth stage and weather conditions. Soil Harmony accepts no liability for damage to treated turf.