PlantMate

Endophytic *trichoderma* for horticulture

Trichoderma is a soil borne fungus that, when applied to roots, boosts root and foliar growth while enhancing plant health. PlantMate is a range of quality *trichoderma* products, formulated with selected strains of endophytic *trichoderma* designed to produce optimal outcomes.

For over 30 years, Agrimm have grown *trichoderma* strains and blended formulations at their own purpose-built facility. This enables them to select different concentrations or ingredients for specific crop applications. You can trust that an Agrimm product will always contain at least the stated spore count on the label.

Agrimm strains have a wide temperature growth profile, producing effective results from cool climate to warm season horticultural crops.

Their *trichoderma* strains are all endophytic meaning that, by applying PlantMate directly to growing roots, the spores create close, and long-term, root connections improving a plant's photosynthetic performance.

PlantMate: Quality products offering consistent results.

Certified Allowed Input
ACO CERT. NO. 802

Our Range of *Trichoderma* Products

PlantMate Granular
Rootzone Starter Granule

Discrete granules, each coated with endophytic *trichoderma* and nutrients to support an establishing root system.

In the field, apply underneath new plantings of vines and trees.

In the nursery, mix into potting media to boost the bioactivity and support the root health of direct seeded plug plants. **PlantMate Granular** also stimulates callusing and rooting when propagating cuttings.

PlantMate Drench
Rootzone Booster WP

Versatile WP formulation, designed to establish large numbers of endophytic *trichoderma* both in and around the rootzone offering crop benefits within a matter of days.

PlantMate Drench has shown proven results, from vegetable crops to tree crops. Apply at planting or soon after with all direct drilled or plug planted vegetable crops.

Use in conjunction with **PlantMate Granular** for new vine and tree plantings and target applications when there is active root growth every season.

PlantMate Greenhouse
Rootzone Booster WP

One of the strongest formulations in the market and designed specifically for use in protected cropping. This formulation is incredibly easy to mix and contains 5x as many spores per gram as **PlantMate Drench** which means you can use less powder per hectare or per 1000L of circulated water. This keeps the active ingredient in and around the rootzone and optimises performance in protected cropping.

PlantMate Foliar
Canopy Health WP

PlantMate Foliar targets canopy and crop health in all fruiting vegetable or tree crops. Apply at flowering and through fruit set for best results. In protected cropping, **PlantMate Foliar** is used when removing leaf or trusses in tomato crops.

In viticulture, **PlantMate Foliar** is used to protect fruit as it ripens. Application from veraison is effective, **PlantMate Foliar** has no mrl's and can help ripening bunches when bad weather is forecast close to harvest.

CROP	PlantMate Granular Rootzone Starter Granule	PlantMate Drench Rootzone Booster WP
Field crops	10-25kg/ha at planting.	750g/ha at planting. Apply monthly.
Covered Cropping		750g/ha at planting. 500g/1000L. Apply every 10-14 days.
Nurseries	1kg to 1m^3 of potting mix.	500g/1000L. Apply every 4 weeks to growing plants in the nursery.
Orchards & vineyards	5-25g per plant. Applied directly to planting hole.	1.5kg per hectare first application in Spring - 750g/ha 4 times / season.

CROP	PlantMate Greenhouse Rootzone Booster WP	PlantMate Foliar Canopy Health WP
Field crops		Apply at flowering and repeat in wet and humid conditions.
Covered Cropping	150g-200g/ha at planting. Apply every 14 days at start and during periods of stress.	200g/ha. Spray every 14-21 days or soon after leaf or truss removal.
Nurseries	Suitable for application through spray bar at seeding. Mix at 2g/L and apply to hydrated cells.	
Orchards & vineyards		200g/ha at flowering. Repeat at bunch closure and through veraison before or during wet conditions.

How *Trichoderma* Works

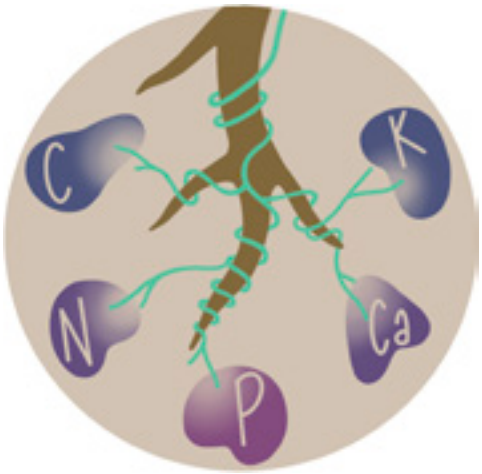
Endophytic relationship with plants

The best strains of *Trichoderma* are opportunistic endophytes. This means they can colonise roots and live symbiotically within the plant.

Plants gain multiple benefits from this relationship, such as increased root and foliar growth, which consequently increases yields.

"Endophytic *Trichoderma* improve a plant's photosynthetic capability".

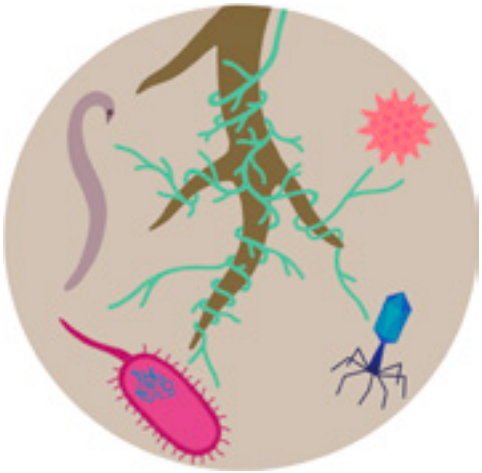
-Gary Harman et al. 2019
Journal of Applied Microbiology



Improved nutrient acquisition

Trichoderma are a fast-growing fungus in the rootzone. Once established in and around roots, *Trichoderma* can actively mine the soil for essential micro-nutrients including calcium and phosphorus.

Furthermore, *Trichoderma* increases fine root hairs, producing a greater surface area and improved access to valuable minerals.



A living, protective barrier

Trichoderma can antagonise plant pathogens either directly by producing metabolites that consume some pathogens, or indirectly by outcompeting pathogens for essential resources and physical space around the plant's roots.

Agrimm®

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