



matesTM

bio inoculant

"Mates significantly increases beneficial bio-activity for improved plant performance"



rootmate™

Rootzone starter granule Start with great roots, finish with a great crop. Rootmate, scientifically formulated with strains of *Trichoderma harzianum*, is precision applied to the rootzone of field plantings—into the planting hole for trees and vines or directly into the furrow with seeds. The rootmate granule provides nutrient start-up and sustainability for the Trichoderma ensuring the establishment of a dominant bio-inoculant population independent of soil type and growing conditions. This enhanced bio-activity stimulates root growth, improves plant establishment & produces a strong plant which thrives in tough field conditions. The rootmate inoculated rootzone conditions and boosts the plant and its roots for at least 12 weeks.

plantmate™

Rootzone booster WP The key to a high productivity crop begins from the roots up. Plantmate, scientifically formulated with multiple strains of *Trichoderma harzianum* in a nutrient promoter matrix, is applied to the rootzone via all irrigation systems. The formulation and diverse strains ensure excellent establishment of Trichoderma across a wide range of temperatures, soil types, pH and organic contents, in temperate to tropical growing regions. This enhanced bio-activity produces vigorous root growth and increases the plant's energy reserves through better water and nutrient uptake. Plantmate will improve the performance of all plants when applied regularly.

topmate™

Plantzone booster WP Beneficial bio-activity promotes plant performance for increased yields and returns. Topmate, scientifically formulated with strains of *Trichoderma atroviride* and *Trichoderma harzianum* in a promoter matrix, is applied to the plantzone via all spray systems. The formulation and selected strains of Trichoderma increases the plantzone bio-activity across a wide range of plant types and growing conditions. This enhanced bio-activity increases the assimilation and utilisation of micro-nutrients and the plants resistance and resilience to environmental and growing stress for improved plant appearance, potential and performance.



Biological Farmers
of Australia



Certenz

International Field Research Proves that *mates*

Optimises Beneficial Bio-Activity for Improved Crop Performance

We are pleased to introduce a new generation of bio-inoculants, the *mates* range with primary active ingredients of proprietary strains of Trichoderma—a beneficial, naturally occurring fungus. The *mates* range is the synthesis of more than 10 years of development and field testing work. Specialist products have been developed by blending unique bio-inoculant strains with identified bio-activity into proprietary formulations of essential nutrients and promoters to ensure reproducible farm-side performance.

Termed an 'immunising commensal', *mates* active ingredients interact symbiotically with all growing plants.



Australia

"It was difficult to pass between the rows as the growth was so lush"

Cucumber picker comment



Australia

Onionmate gave 34% increased yields of spring onions in a scientifically controlled trial.



Australia

"...this stuff is magic"

Bean grower comment

New Zealand

Lettucemate, applied to seedlings before planting in the field gave 84% increased yields of harvestable lettuce.



lettucemate™
onionmate™

Mates simultaneously enhances the uptake of nutrients, boosts the resilience and strength of the plant's own immune system, lives beneficially with the plant, and boosts plant vigour — it's reassuring to know that *mates* is non-toxic and organic.

Rootmate, *plantmate* & *topmate* have been designed as a growing regimen to be used throughout the lifecycle of your crop. Typically, starting with *rootmate*, the granule is precision placed in the furrow/planting hole. For established plants, *plantmate* wettable powder is our universal product applied at regular intervals as a rootzone drench via your irrigation or hydroponic reticulation system.

South America

"I am just back from Guatemala, amazing results... what a fine product! We did a test in carnations unbelievable... what amount of new roots— really I feel lucky to work with a product like that."

South American master distributor.

Turkey

"Everything is much better in greenhouses in Turkey. We never get a bad result ..."

Turkish master distributor.

South Africa

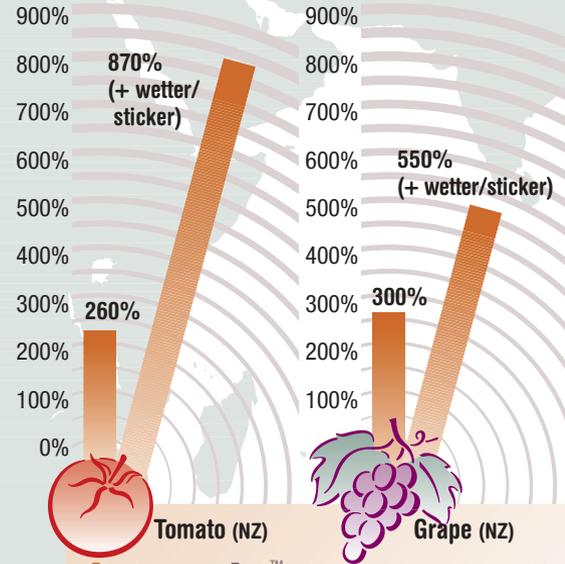
"I have used... for tunnel grown tomatoes since 2000 and have noticed the difference especially in root density."

Grower South Africa

Depending on your crop type, *topmate WP* is applied as a crop spray, either regularly or focussed on periods of stress.

Custom crop solutions such as *lettucemate* & *onionmate* have been developed in direct consultation with growers in response to their specific needs. Please visit our website for more information. Agrimm Technologies have been conducting scientific field testing of *mates* precursors for many years with a variety of growers located in many countries. The results are consistent regardless of crop type and very exciting. Thriving vigorous plants result in a prosperous bottom line through increased yields and longer productive life.

rootmate™
plantmate™ **topmate™**



topmate™

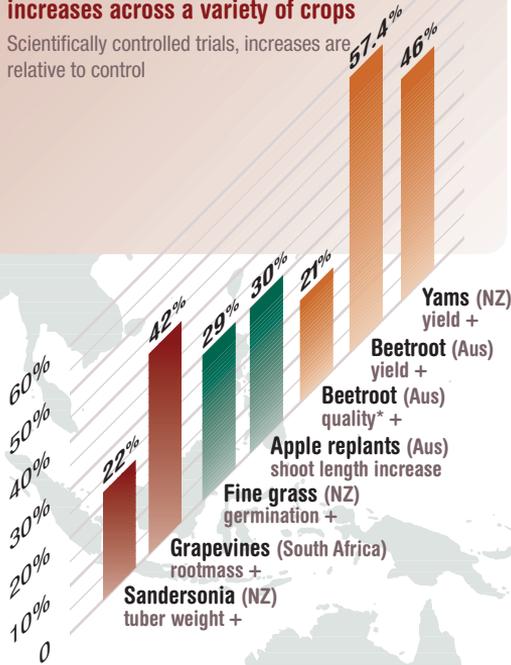
Measured bio-activity increase v control 3 days after spraying across two crops with & without wetter/sticker

Scientifically controlled trials, increases are relative to control

rootmate™

Measured plant performance & yield increases across a variety of crops

Scientifically controlled trials, increases are relative to control

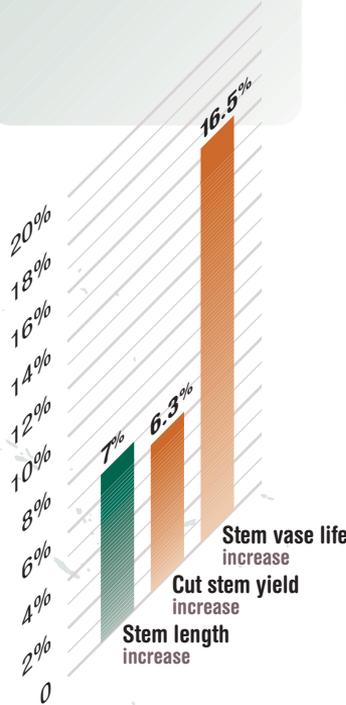


*Beetroot crop quality increase is defined by a 21% decrease in reject rate

plantmate™

Quality & Yield measures, roses grown in Ecuador for US cut flower market

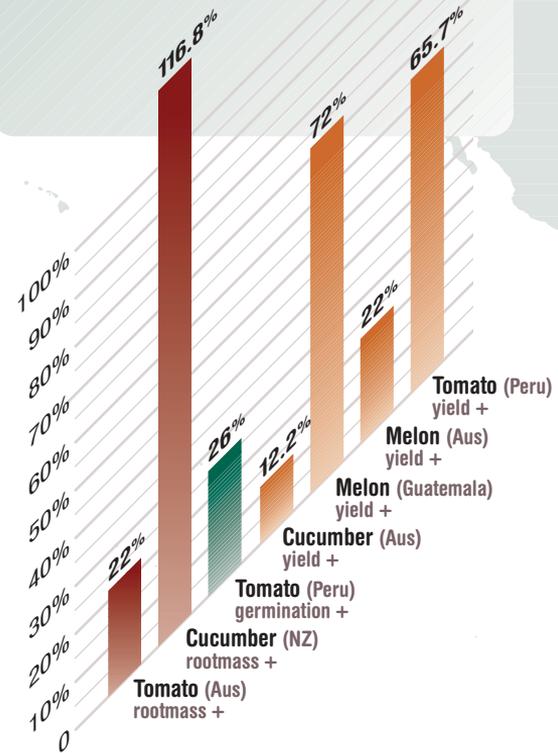
Scientifically controlled trials, increases are relative to control



plantmate™

Measured plant performance & yield increases across a variety of crops

Scientifically controlled trials, increases are relative to control



Mates Rates

| Crop | rootmate™ granule | plantmate™ WP | topmate™ WP |
|-------------------------------------|--|---|--|
| Field crops | 10–25kg/ha (selected crops) Apply to furrow at seeding. | 1.5kg/ha; Apply every 30 days from planting. | 1kg/ha; Apply every 30 days or more often as crop conditions require. |
| Indoor Crops & Nurseries | | 1.5kg/5000m ² Organic Media; Apply 500g/5000m ² every 10 days. Inorganic media/Hydroponic; Apply 1500g/5000L every 14 days. | 200g/100 litres of spray. Apply every 14 days or more often as crop conditions require. |
| Orchards & Vineyards | 5–25g/ plant, to the planting hole. | 1.5kg/ha; Apply 3 times/season. Water-jet at planting. | 1kg/ha Apply every 14 days or more often as crop conditions require. |
| Turf | 20–50kg/1000m ² reconstructions & new sod. | | |

For product information & crop use recommendations, visit our website: www.matesrange.com



Agrimm Technologies Ltd, 231 Fitzgerald Avenue, Christchurch, New Zealand.
MR100.01 06/03



plantmate, rootmate, topmate, lettuceamate & onionmate are trademarks of Agrimm Proprietary Ltd. Trichoprotection is a registered trademark of Agrimm Technologies Ltd. Not to be reproduced without permission. © Agrimm Technologies Ltd, 2003.