



Triple Bioactivity Trichoderma

Incorporating Tenet / Onionmate™

A seed treatment compatible with chemical treatments increases the quality and yield of export grade onions.

Bioactivity increases bulb yield

- **Rhizosphere Trichoderma** improve germination
- Establish a protective living barrier around roots
- Stimulate root growth and nutrient uptake

Bioactivity improves bulb quality

- **Endophytic Trichoderma** boost foliar growth
- Amplify systemic resistance and photosynthesis
- Increase crop's environmental resilience

Bioactivity maximises bulb size

- **Saprophytic Trichoderma** unlock soil nutrients
- Improve soil's water holding capacity
- Compatible with fungicides and insecticides

Independent Field Trials*

Plantmate Onion was applied to fungicide treated seed. The crop grown using standard practices produced significant improvement in quality and yield:

- Skin numbers **increased** by 32% (T) and 33% (W) in 50-69mm bulb size
- Total bulb yield (T/ha) **increased** by 8.5% (T) in marketable 40-89mm size
- Yield of quality bulbs (one complete skin) **increased** in 60-69mm by 45% (T) and 54% (W)

Plantmate Onion Trichoderma isolated from roots and seedlings.

No evidence of fungicide use impacting on Trichoderma activity.

Tilbury (T) and Waikato (W) varieties were assessed one month post-harvest for skin number and unmarketable bulbs.

* Olivia Prouse, Master of Science Thesis submission, Lincoln University 2019.