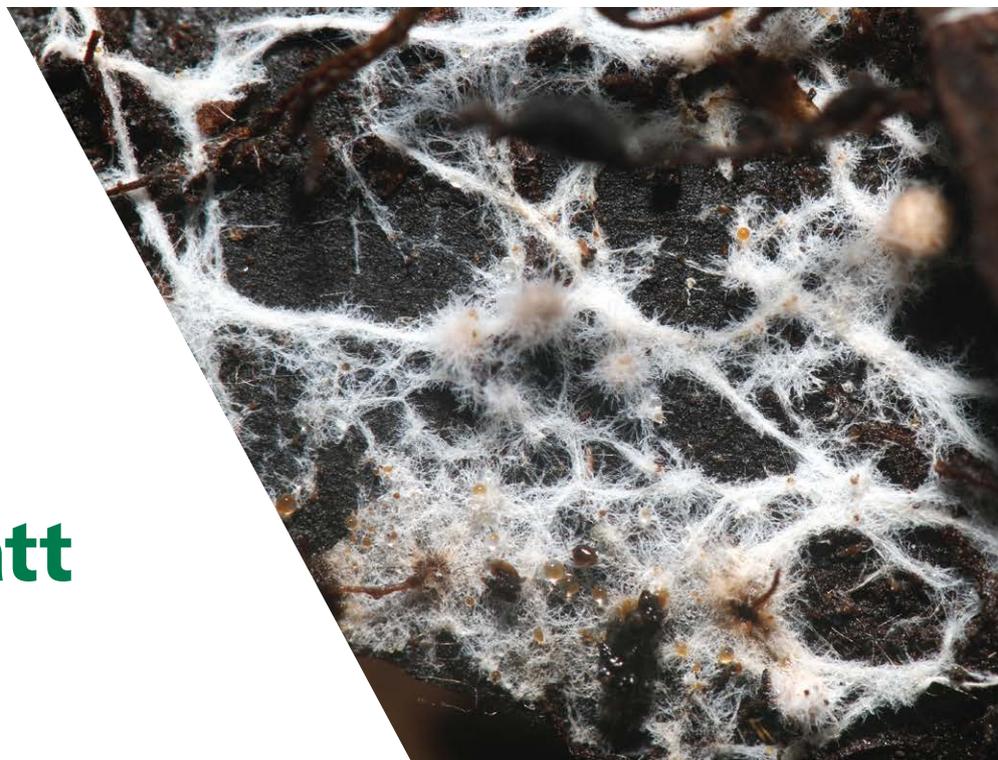
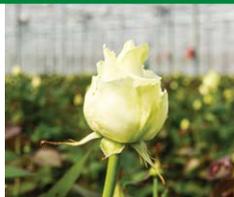




# *MycoUp Activ*

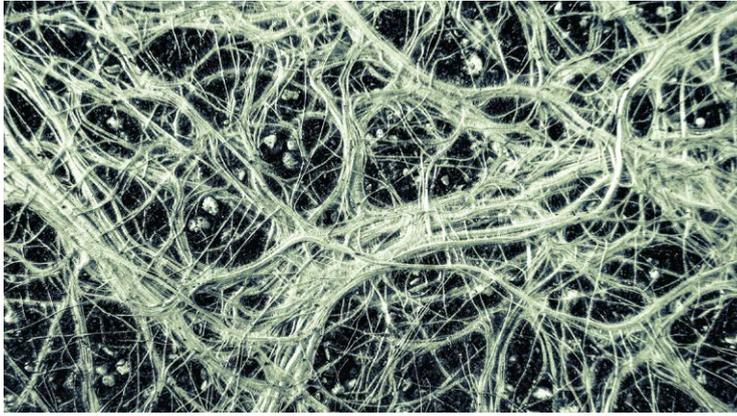
Reg. No. M0010, Act 36 of 1947

Biostimulant Grp III



**Andermatt**

Madumbi



*MycoUp Activ* is a powder based formulation of the unique species of mycorrhizal fungus, *Glomus iranicum* var. *tenuihypharum* var. *nova*.

The intense mycorrhizal colonization of the plants' root system promotes root growth, absorption of water and nutrients, robustness of crops and improves crop yield.

*MycoUp Activ* is a 100% biological stimulant.

## Why Use *MycoUp Activ*?

*Glomus iranicum* var *tenuihypharum*: Unique and exclusive new mycorrhizal-forming fungus

### Characteristics:



**Abundant production of extramatrical mycelium**  
Essential for efficient transfer of nutrients and water from the soil to the plant.



**External sporulation of the root**  
The root continuity is not interrupted. Uptake and transport of water and nutrients in the root is more efficient. Less energy cost to the plant.



**Tolerance to high concentrations of fertilisers**  
Perfect integration with the intensive fertilisation protocols required by conventional production. High resistance to saline conditions.

### Actions:



**Rapid & effective colonization in the root of the plant**



Increase in **absorption of nutrients** by the plant



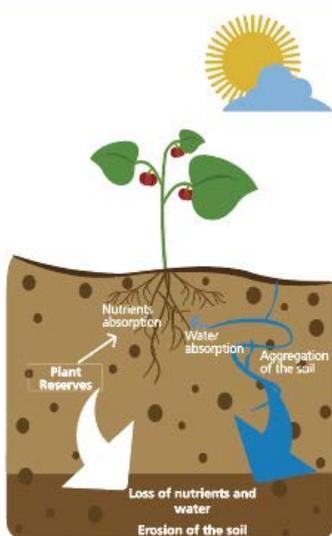
**Increase in the physiological activity of the plant**



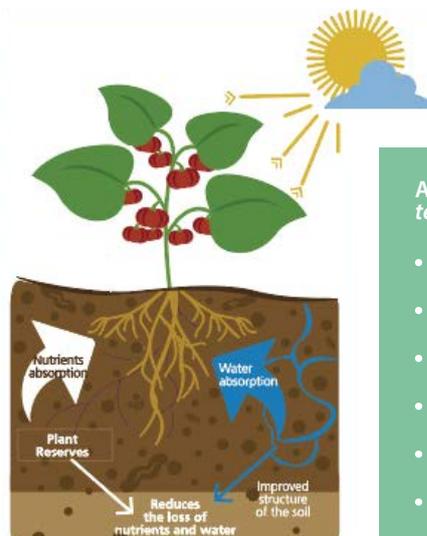
**Positive action on the hormone balance of the plant**

## Activity of a plant treated with *MycoUp Activ* vs an untreated plant

### Untreated Plant



### Plant treated with *MycoUp Activ*



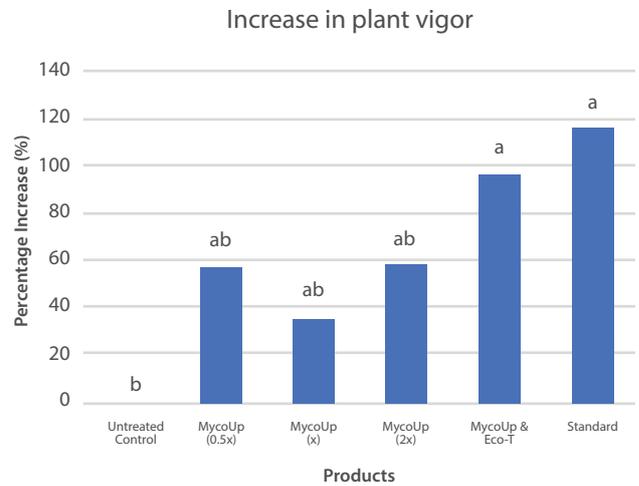
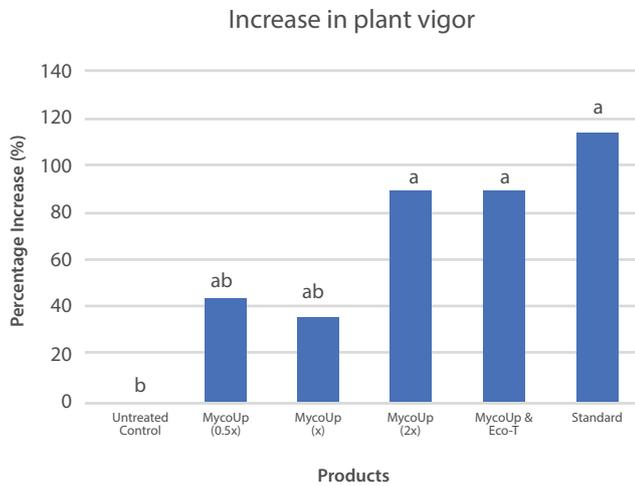
Appearance of *Glomus iranicum* var *tenuihypharum* hyphae

- Higher photosynthetic activity
- Higher nutrients and water absorption
- Reduces the loss of nutrients and water
- Better soil structure
- Increase in biomass
- Yield increase

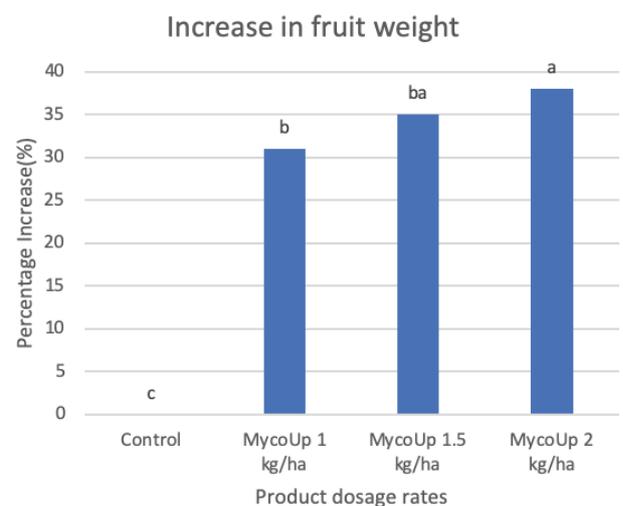
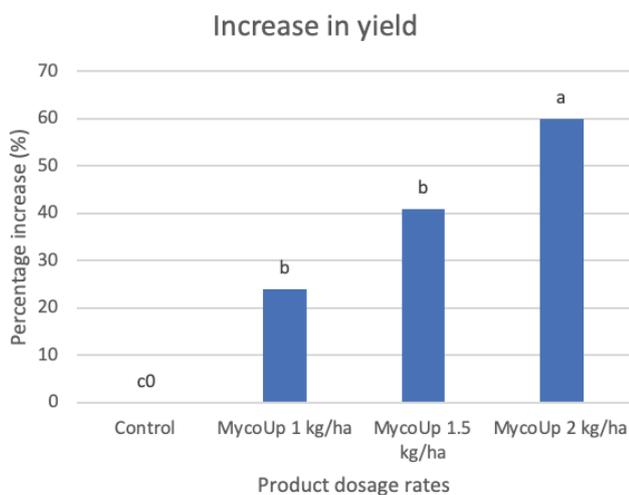
# Trial data

## MycoUp Activ on tomatoes

MycoUp was applied at dosage rates of 1.0 kg to 1.5 kg/ha (0.5x), 2 kg to 3 kg/ha (x), and 4 kg to 6 kg/ha (2x). Vydate SL (standard) was applied to soil prior to transplant at a dosage rate of 80.0 ℓ/ha and to the foliage at a dosage rate of 2 ℓ to 4 ℓ /ha.



## MycoUp Activ on Cucurbits





Mycorrhizal fungi are known to establish symbiotic relationships with plant roots and aid in the delivery and uptake of nutrients and water to the plant. In healthy soil natural populations of these fungi are present however due to common practices in intensive agriculture these populations have been lost from agricultural soils.

The practice of inoculating soils with a product like *MycoUp Activ* can provide significant benefits in terms of crop health and productivity.

*MycoUp Activ*® should be applied as a soil drench application using conventional irrigation equipment. Good coverage of the root zone is essential. Additional irrigation applied as a follow up after application is recommended and will ensure the product penetrates into the soil profile.

### Registered Usages:

Crop/Pest	Dosage	Remark
<b>Horticultural crops</b> (greenhouse, field, hydroponics)	2-3kg/ha	<ul style="list-style-type: none"> <li>· Apply 7 days after transplant.</li> <li>· For crops with an extended growing cycle repeat application at 2kg/ha 70-90 days after first application.</li> </ul>
<b>Strawberry</b>	2-3kg/ha	<ul style="list-style-type: none"> <li>· Apply 20 days after transplant.</li> </ul>
<b>Woody crops</b> (citrus, pome, stone fruit, tree nuts, grapevines, etc.)	2-3kg/ha	<ul style="list-style-type: none"> <li>· Apply at early flowering, adjust rate according to age of crop with higher rate on fully productive orchards.</li> <li>· Repeat application may be done annually.</li> </ul>

Certified by:



Registered, Marketed  
and Distributed by:



Manufactured by:

