

# Organic Mycorrcin

## Technical Sheet Grapes and Top Fruit



### How does Organic Mycorrcin work?

**Organic Mycorrcin** is a soil biostimulant that activates naturally-occurring beneficial microbes present in your soil to improve plant health, resilience and root development. Organic Mycorrcin activates microbes in the soil to stimulate new root growth and branching, as well as encouraging mycorrhizal fungi association with roots, which leads to better plant establishment. The stimulation of soil microbes also leads to improved nutrient availability and uptake by the plant, including calcium and phosphate. Having healthy soil biology in the plant root zone (rhizosphere) stimulates the plants "immune system" through activating the Induced Systemic Resistance (ISR) pathway which makes the plant resilient during drought and heat stress. In the long-term, better soil microbiology leads to soil aggregate formation which reduces soil compaction.

### Benefits of using Organic Mycorrcin:

- Activates beneficial soil microbes including mycorrhizal fungi
- Stimulates new root growth and branching
- Improves plant establishment and resilience, reducing transplantation shock
- Remedies soil compaction problems by repairing soil aggregate formation
- Increases nutrient uptake.

**Organic Mycorrcin is both BioGro (NZ) and NASAA (Aust) certified.**



### Directions for use

Apply Organic Mycorrcin by spraying directly on to soil.

- To work effectively Organic Mycorrcin needs soil moisture/rain and active soil biology.
- Organic Mycorrcin can be tank mixed with fungicides, fertigation nutrients and suspension fertiliser.
- Organic Mycorrcin can be applied through fertigation systems and overhead irrigation systems fitted with an appropriate system.
- For low organic matter and/or low fertility soils apply Organic Mycorrcin regularly in smaller amounts through a fertigation or irrigation system.
- For best results avoid applying Organic Mycorrcin in the heat of the day.

**For specific crop recommendations contact your local Biostart representative.**

| Crop  | Timing  | Application Rate  |
|---|---|---|
| <b>Grape Planting</b>   | Early Spring  | Prior to planting apply Organic Mycorrcin at <b>2 L/ha</b> to the planting area. Soak roots of plants in large container of 1:100 Organic Mycorrcin for 20 minutes then plant the vine. |
| Replanting  | Early Spring  | Root dip plants as above at 1:100 Organic Mycorrcin then apply <b>0.5 L</b> of the solution to planting hole & plant the vine. Follow up with standard Organic Mycorrcin programme.     |
| Programme for Premium Quality Wine  | Early Spring or Early Spring & Summer (prior to veraison)       | Apply <b>6 L/ha</b> in early spring & <b>4 L/ha</b> in summer prior to veraison in 200 L of water.  |
| Rescue Programme  | When vines are under stress<br>Early Spring & Summer (Veraison) | Apply <b>10 L/ha</b> in early spring (bud break) & <b>5 L/ha</b> at veraison. Tank mix 10 L of Organic Mycorrcin/ha in 200 L of water. Apply at <b>200 L/ha</b> .                       |
| <b>Top fruit and other fruit</b><br>Apples,<br>Stone fruit,<br>Kiwifruit,<br>Avocados and<br>Citrus | Planting  | Prior to planting apply at <b>2 L/ha</b> to the planting area. Soak roots of plants in a large container of 1:100 Organic Mycorrcin solution then plant the tree.                       |
|   | Replanting  | Root dip plant as above at 1:100 Organic Mycorrcin then apply <b>1 L</b> of the solution to planting hole & plant the tree. Follow up with the standard Organic Mycorrcin programme.    |
|   | Early Spring  | <b>6 L/ha</b> in 200 L of water sprayed on to the soil or via fertigation.  |
|   | Mid Season  | <b>4 L/ha</b> in 200 L of water sprayed on to the soil or via fertigation.  |
|   | Rescue Programme Early Spring                                   | <b>10 L/ha</b> sprayed on to the soil when plant is under stress.   |