

Mycorrcin

Technical Sheet Grapes, and Top Fruit



How does Mycorrcin work?

Mycorrcin is a soil biostimulant that activates naturally-occurring beneficial microbes present in your soil to improve plant health, resilience and root development. 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 Mycorrcin:

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

Directions for use

Apply Mycorrcin by spraying directly on to soil.

- To work effectively Mycorrcin needs soil moisture/rain and active soil biology.
- Mycorrcin can be tank mixed with herbicides fungicides, fertigation nutrients and suspension fertiliser.
- 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 Mycorrcin regularly in smaller amounts through a fertigation or irrigation system.
- For best results avoid applying Mycorrcin in the heat of the day.

For specific crop recommendations contact your local BioStart representative.

Crop	Timing	Application Rate
Grape Planting, Replanting	Spring	Prior to planting apply Mycorrcin 2 L/ha with weed spray to the planting area. Soak roots of all the plants for planting in a large container of 1:100 Mycorrcin (10 mL/1 L per plant) solution for 20 minutes. Then add 1 L of 1:100 Mycorrcin (or if replanting apply 0.5 L) to the planting hole and plant the vine. Follow up with the standard Mycorrcin program.
Standard Program	Spring and Summer	Co-apply Mycorrcin with three applications of weed spray. Tank mix 2 L of Mycorrcin/ha in 200 L of water. As weed spraying typically covers 1/3 ha this program is equivalent to 0.66 L Mycorrcin/ha per application.
Premium Program	Early Spring	Apply 6 L/ha at bud break with a weed spray. Weed spraying typically covers 1/3 ha so this application is equivalent to 2 L Mycorrcin/ha.
	Late Summer/Early Autumn	Prior to veraison mix 4 L of Mycorrcin/ha in 200 L of water.
Fertigation Program	Early Spring	Early spring apply 2 L of Mycorrcin/ha with fertigation treatment.
	Follow-on application	Thereafter apply 1 L/ha of Mycorrcin/ha per month with fertigation applications.
Rescue Program	When vines are under stress	Tank mix 10 L of Mycorrcin/ha in a minimum of 200 L of water. Call BioStart NZ 0800 116 229 or Australia 1800 359 559 for further advice.
Top Fruit Apples, Stone fruit, Berries, Kiwifruit, Avocados and Citrus	Planting, Replanting	Prior to planting apply Mycorrcin 2 L/ha with weed spray to the planting area. Soak roots of all the plants for planting in a large container of 1:100 Mycorrcin (10 mL/1 L per plant) solution for 20 minutes. Then add 1 L of 1:100 Mycorrcin to the planting hole and plant the tree. Follow up with the standard Mycorrcin program.
	Early Spring	6 L/ha sprayed onto the soil.
	Growing season	2 L/ha sprayed onto the soil with weed spray.
	Autumn	4 L/ha sprayed onto the soil.
	Fertigation	1 L/ha /month added to fertigation system.
	Rescue Program	10 L/ha sprayed onto the soil when plant is under stress.
	First time use & problem soils	6 L/ha sprayed onto the soil.

Other crops - Call NZ 0800 116 229 or Australia 1800 359 559 or visit www.biostart.co.nz

Pack sizes available: 10 and 20 litre