

**biostart®**

# ACTIVATE MYCORRHIZAL FUNGI

Mycorrhizal fungi play an important role regulating plant growth. These beneficial fungi form a symbiotic relationship with the plant's roots. In exchange for simple sugars, the fungi pump phosphate and trace elements into the roots. Mycorrhizal fungi have also been shown to stimulate plant immune systems and new root activity.

**BioStart Organic Mycorrcin** is a soil biostimulant which has been specially formulated for growing organic crops. Organic Mycorrcin uses extracts from the fermentation of beneficial bacteria to activate indigenous populations of beneficial soil microbes, including mycorrhizal fungi, which are essential for making nutrients available to the plant including calcium, magnesium, potassium, phosphorous, nitrogen and sulphur. Organic Mycorrcin aids root growth, crop establishment and growth, and drought tolerance. Organic Mycorrcin helps remedy soil compaction and repair soil aggregates. Organic Mycorrcin is suitable for use on all crops as it stimulates a range of beneficial soil bacteria and fungi.

- **Activates mycorrhizal fungi**
- **Improves soil structure**
- **Increases calcium and phosphate uptake**
- **Remedies compaction**
- **Suppresses soil disease development.**

For specific crop recommendations contact your local BioStart representative. For best results spray early morning, early evening or in overcast conditions.

**Organic Mycorrcin is compatible with most commonly used organic fertilisers.**

**Pack sizes available:** 10 and 20 litre



## Order placement:

- Made to order
- Indent order must be placed by 16th August 2017 for mid September 2017 delivery
- Short shelf life product which must be used within 5 weeks of manufacture
- No stock returns



Specially formulated **Organic Mycorrcin**



Call NZ **0800 116 229**, or visit **www.biostart.co.nz**

## DIRECTIONS FOR USE - HORTICULTURE

bio**start**<sup>®</sup>

CROP	TIMING	APPLICATION RATE
<b>Grape</b>		
Planting	Early Spring	Prior to planting apply Organic Mycorrcin at <b>2 L/ha</b> to the planting area. Soak roots of plants in a 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 the planting hole and plant the vine. Follow up with the standard Organic Mycorrcin programme.
Standard Programme Single Application Or Two applications via fertigation	Early Spring Or Early Spring & Summer (prior to veraison)	Apply <b>6 L/ha</b> between spring and veraison via ground spray or fertigation. Either apply a single application of <b>6 L/ha</b> in 200 L of water in early spring (bud break); Or Apply <b>3 L/ha</b> in early spring (bud break) and <b>3 L/ha</b> in summer (prior to veraison) in 200 L of water.
Premium Programme for Premium Quality Wine Single Application Or Two applications via fertigation	Early Spring Or Early Spring & Summer (prior to veraison)	Apply <b>10 L/ha</b> between spring and veraison via ground spray or fertigation. Either apply <b>10 L/ha</b> in 200 L of water in early spring (bud break); Or Apply <b>5 L/ha</b> in early spring & <b>5 L/ha</b> in summer prior to veraison in 200 L of water.
Rescue Programme	When vines are under stress Early Spring & Summer (Veraison)	Apply a total of <b>15 L/ha</b> to the vineyard floor. 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> . Call BioStart NZ 0800 116 229 for further advice.
<b>Top fruit and other fruit</b> Apples, Stone fruit, Kiwifruit, Avocados and 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 1 L of the solution to the planting hole and 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.
<b>Vegetables</b> Greens, Root crops, Cucurbits, Legumes, Tomatoes, Sweetcorn	Transplanting Early Spring	<b>6 L/ha</b> sprayed on to the soil. Minimum water rate 1:10 for ULV applicators. Typical water rate 200 L/ha.
	Planting/sowing Early Spring	Dip or drench roots in a 1:100 Organic Mycorrcin: water solution then plant.

## DIRECTIONS FOR USE - AGRICULTURE

CROP	TIMING	APPLICATION RATE
<b>Maize</b> <b>New Pasture &amp; Lucerne</b>	At planting/sowing Early Spring	<b>2 L/ha</b> sprayed on to the soil. For problem soils apply <b>4L/ha</b> in 200 L of water. Co-apply with <b>10 mL/ha</b> BioStart N, N-fixing bacteria for sustained plant growth.
<b>Established Pasture &amp; Lucerne</b>	Early Spring 6-8 weeks prior to required increase in pasture production	<b>After grazing</b> or cutting apply <b>2 L/ha</b> in 200 L of water sprayed on to pasture. Co-apply <b>10 mL/ha</b> BioStart N, N-fixing bacteria for sustained plant growth.
<b>Other crops</b>	Early Spring	Call NZ 0800 116 229 or visit <a href="http://www.biostart.co.nz">www.biostart.co.nz</a>

- Short Shelf Life Product
- Check the BioGro certified input sticker on the top of the can for the expiry date.
- Ensure Organic Mycorrcin is applied before the expiry date.

Organic

Specially formulated

Use By:



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