



BioForce

TrichoLife

Microbial Amendment for Turf & Amenity Horticulture



BioForce TrichoLife

Product Overview

BioForce TrichoLife is a proprietary blend of selected Trichoderma beneficial fungi for microbial amendment of soils. Containing 5 billion CFU's per gram of *Trichoderma atrobruneum*, *Trichoderma afroharzianum* and *Trichoderma harzianum*, BioForce TrichoLife will colonise at the root zone to provide an improvement in the growing environment for plant roots.

More specifically, this enhanced microbial activity will enhance root initiation and development, producing a stronger more vigorous root system and promote better utilisation of applied nutrients to give turf and amenity plants more resistance to adverse conditions and abiotic stresses.

Key Benefits of BioForce TrichoLife

- ✓ Manufactured in Australia, ensuring good shelf life and stability.
- ✓ Enhances root vigour, growth and health.
- ✓ Proprietary blend of selected Trichoderma species for enhanced plant benefit.
- ✓ Contains Trichoderma harzianum – A well researched Trichoderma spp. in turfgrass.
- ✓ Improves the plants immune system. Protects and helps it fight off root borne plant pathogens such as Pythium, Rhizoctonia, ERI, Phytophthora and Fusarium.
- ✓ Improves the overall growing environment.
- ✓ Ideal for use in both turf and amenity plantings.
- ✓ Soluble form of Trichoderma. When under agitation it won't cause issues with spray equipment.
- ✓ Strengthens biological protection during key stress conditions or disease infection periods.
- ✓ 2 different Trichoderma spp to BioForce MicroLife – ability to enhance diversity of the population when used in a program together.
- ✓ Safe for the environment, user and the public. No re-entry issues unlike traditional chemistry.



Microbe Function within BioForce TrichoLife



BioForce TrichoLife contains living fungi and is sensitive to very high salt contents, chlorine based liquids and a number of fungicides including propiconazole, tebuconazole and thiophanate methyl. BioForce TrichoLife may be compatible with a range of herbicides and pesticides. It is important to note that physical compatibility does not guarantee product efficacy.

BioForce TrichoLife – Application Details				
Situation		Rate	Timing	Comments
Turf	Initial Inoculation	Apply 400g per hectare.	First Application	Drench in immediately following application with enough water to move product into thatch layer (eg. 4-10mm).
	Maintenance Application	Apply 200g per hectare.	Monthly	
Landscape / Ornamental Plants		Use 200g in 300-400L of water.	Apply 2 times per year	Soak roots at planting or apply as a drench.
Seedlings		20g/100m ²	Treat seeds prior to planting and at emergence.	Apply to seedling trays through irrigation making sure to drench the trays.

Avoid application when conditions are extremely hot. Best applied in temperatures in the range of 5 - 25 degrees Celsius. Preferably early in the morning or late in the afternoon.

BioForce TrichoLife – Product Compatibility Guide			
Compatibility	BioForce TrichoLife	Code	Comments
Fungicides			
Thiram	Compatible	C	Limited impact upon population. Do not tank mix with BioForce TrichoLife.
Captan	Incompatible	NC	Allow 7 days before re-treatment with BioForce TrichoLife.
Mancozeb	Compatible	C	Allow 7 days before re-treatment with BioForce TrichoLife.
Thiophanate methyl	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife. Allow 14-21 days before re-treatment with BioForce TrichoLife.
Carbendazim	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife.
Tebuconazole	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife.
Propiconazole	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife.
Chlorothalonil	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife.
Metalaxyl-M	Incompatible	NC	Allow 14-21 days before re-treatment with BioForce TrichoLife.
Iprodione	Compatible	C	Limited impact upon population.
Fosetyl-AI	Compatible	C	Limited impact upon population. Do not tank mix with BioForce TrichoLife.
Azoxystrobin	Compatible	C	Limited impact upon population.
Chloride based liquids	Incompatible	NC	Allow 7 days before re-treatment with BioForce TrichoLife.
Copper based liquids	Incompatible	NC	Allow 14 days before re-treatment with BioForce TrichoLife.
Quaternary Ammonium	Incompatible	NC	Allow 7 days before re-treatment with BioForce TrichoLife.
C = Compatible NC = Not Compatible			