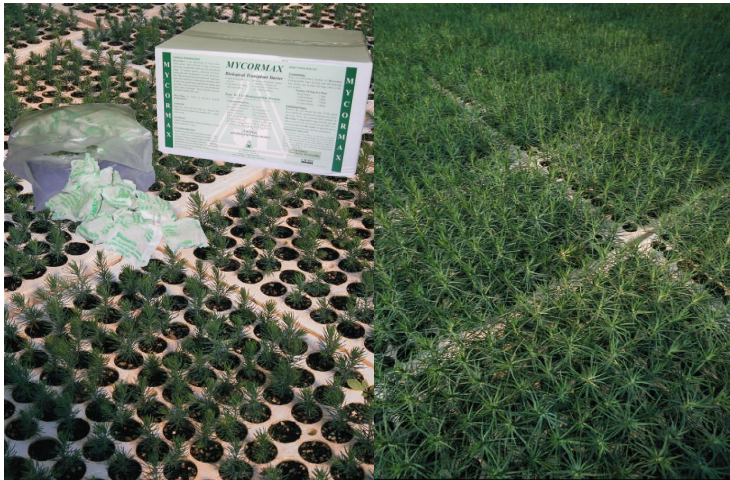


MYCORMAX™

Soil Applied Mycorrhizae Product



GUARANTEED ANALYSIS

Glomus intraradices
Glomus mosseae
Scleroderma cepa

The total spore counts is 15350 propagules/cc.

GENERAL INFORMATION

Mycorrhizae are symbiotic associations that form between the roots of most plant species and fungi. The term Mycorrhiza literally means "fungus root". It was estimated that 95% of all plant species belong to the genera that form Mycorrhizae.

Little things run the world and this is especially true when it comes to getting plants established. Under natural conditions, plants live in close association with Mycorrhizae. Estimates of mycorrhizal filaments present in healthy soil are astonishing. Several kilometres of filaments can be present in less than a thimbleful of soil associated with growing plants.

Mycormax contains both endo and ecto mycorrhizae, meaning the fungi can enter the root system (endo) to help increase the flow of nutrients from the soil as well as cover the root system (ecto) protecting it from the harshness of soil micro fauna and flora.

Mycormax is ideal for all crops as over ninety five (95%) percent of crops not only respond positively to colonization by Mycorrhizal fungi, but they may suffer in the absence of mycorrhizae.

ADVANTAGES & BENEFITS

Mycorrhizal root systems increase the absorbing area of roots 10 to 1000 times thereby greatly improving the ability of the plants to utilise the soil resources.

The fungi in **Mycormax** are able to absorb and transfer fifteen (15) major macro and micro nutrients required

for plant growth. Mycorrhizal fungi release powerful chemicals into the soil that dissolve hard to capture nutrients such as Phosphorous.

The Mycorrhizal fungi in **Mycormax** also improve soil structure. The intricate web of hyphae produced by these organisms also produces humic compounds and "glomalin" which is a soil glue. This glue binds soils into aggregates and improves soil porosity.

Mycormax can be used on: wine grapes, table grapes, deciduous fruits, nuts, citrus, raspberries, cotton, vegetables, asparagus, corn, carrots, onions, garlic, capsicums, potatoes, tomatoes, melons, legumes, sorghum, turf grass, ornamental, horticultural, and nursery plants.

COMPATIBILITY

Mycormax may be rendered ineffective in the presence of high rates of phosphorous fertiliser. This biological product may be killed if combined with fungicides, soil fumigants, aqueous ammonia, phosphoric acid, or sulphuric acid.

If applied with large doses of fertilisers, there is a possibility of salt toxicity to the beneficial fungi.

PLANT & ENVIRONMENTAL SAFETY

Mycormax is totally harmless to plants even when recommended rates are exceeded. Exceeding recommended rates is however unnecessary.

Mycormax is totally harmless to both humans and wildlife and is environmentally friendly.

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APPLICATION GUIDELINES

CROP	TIME OF APPLICATION		RATE OF APPLICATION
	1 st application	2 nd application	
APPLES & PEARS	At planting	Early Spring	1– 2 sachet/ tree 2.0 – 4.0 kg/ha
AVOCADO	At planting	Early Spring	1– 2 sachet/ tree 2.0 – 4.0 kg/ha
LETTUCE	At planting		1.5 – 2.0 kg/ha
GRAPES (TABLE, WINE, & DRIED FRUIT)	At planting	Early Spring	1 – 2 sachet/ tree 2.0 – 4.0 kg/ha
KIWI GOLD(16A) & HAYWARD	At planting	Early Spring	1 – 2 sachet/ tree 2.0 – 4.0 kg/ha
POTATOES, ONIONS & CARROTS	At planting		1.5 – 2.0 kg/ha
STONE FRUIT & CHERRIES	At planting	Early Spring	1– 2 sachet/ tree 2.0 – 4.0 kg/ha
STRAWBERRIES & ALL BERRIES	Sprinkle handful over runners	At planting	1 handful 1.5 – 2 kg/ha
TOMATO and CAPSICUM Field grown	At planting		1.5 – 2 kg/ha

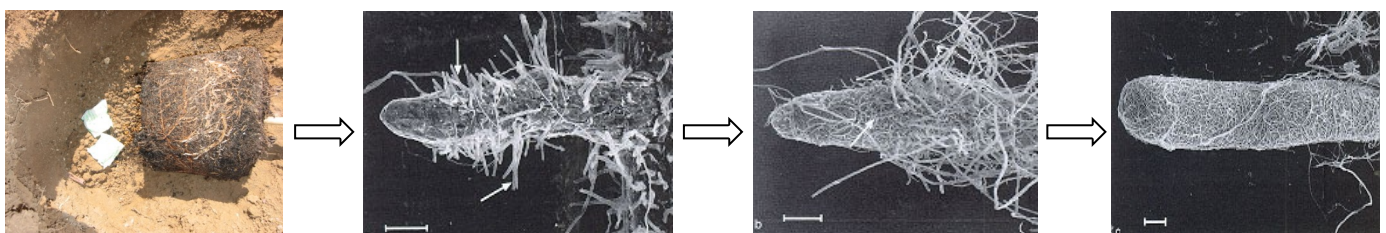
For information on application rates and timing for crops not listed on this brochure, please contact your local distributor or visit the RSF website at www.rd2.co.nz



For all tree crops, it is advisable that applications are done annually in the spring when the root system begins to grow.

Mycorrhizal Fungi in Crop Establishment

The commercial applications of such fungi have been made available in Australia through the use of easy to apply “bio-degradable tea bags” which contain these beneficial organisms. Technology from California has enabled the introduction of these beneficial organisms into the soil at planting an extremely easy task. Growers are placing the sachets into the hole prior to planting and the addition of water activates these fungi to germinate and proliferate, forming a symbiotic relationship between the roots and the soil. Plants and trees establish in the field much faster as well as become less likely to suffer from water stress. Further to this, the mycorrhizae acts as a physical barrier for detrimental soil organisms, therefore strike rates in the field are increased as losses are reduced. This is illustrated below.



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