

## How it Works

**Biostart Mycorrcin** is a soil biostimulant that activates beneficial microbes in your soil, stimulating healthy root growth and development.

This leads to enhanced nutrient uptake, better crop establishment and improved soil structure.

# **Carrot Trials**

Multiple trials demonstrate that **Mycorrcin** application leads to improved root development in plants.

A trial located on a 10 ha paddock in Ohakune, shows that **Mycorrcin** used on a commercial carrot crop can:

#### 1. Improve Carrot Yield

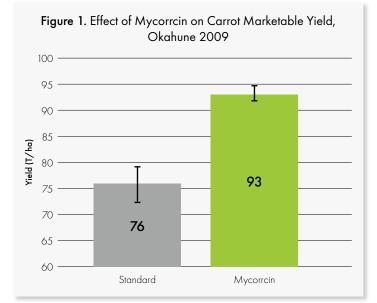
Applying **Mycorrcin** at 5 L/ha to 4 ha of the crop at the cotyledon stage increased the marketable carrot yield at harvest by 16.7 T/ha (22%; p<0.01) from 76.1 to 92.8 T/ha (Fig 1). Total carrot yield was increased by 11.4% (91 to 102 T/ha).

# 2. Reduce Rejects

The number of reject carrots was lower for the **Mycorrcin**treated crop (9.5 T/ha; 9% of total harvest) than the untreated crop (14.8 T/ha; 16% of total harvest).

#### **3. Increase Profits**

The application of **Mycorrcin** increased gross profit per hectare by \$8,259 (15%; Table 1).



#### Table 1. Impact of Mycorrcin on Gross Return

	Standard program	Mycorrcin program
Marketable weight (T/Ha)	76.1	92.8
Return - Carrots	\$38,050	\$46,400
Input Cost - Mycorrcin	-	\$92
Gross Return	\$38,050	\$46,309
Increase		\$8,259
Carrots Return \$500/T		

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