

Mycorrcin

Soil biostimulant

Benefits for vegetable seedlings



How it Works

Biostart Mycorrcin is a soil biostimulant that activates beneficial soil microbes, which stimulate healthy root growth and development leading to enhanced nutrient uptake, faster crop establishment and greater yield.

Seedling Trials

Seedling trays were treated at sowing with a dilute biostimulant **Mycorrcin** and water mix of 0.5 L/tray of 1:100).

Benefits

Lettuce and cauliflower seedlings treated with **Mycorrcin** showed greater root development and bigger, sturdier and more uniform seedling size.

These early benefits are the results of better nutrition and the predictors for earlier harvesting times and bigger yields.

Figure 1. Lettuce seedlings at 28 days



Figure 3. Cauliflower seedlings at 28 days



Figure 2. Lettuce seedlings at 42 days



Figure 4. Cauliflower seedlings at 36 days





Broccoli

To assess the long-term effects of **Mycorrcin** on broccoli a trial was undertaken following the plants through from sowing in the nursery, to planting through to harvest.

Seedling trays were soaked at sowing with a dilute biostimulant **Mycorrcin** and water mix of 0.5 L/tray of 1:100) with a further **Mycorrcin** application made to the seed bed at sowing of 6 L /ha.

Figure 1. Effect of Mycorrcin on broccoli seedlings



Mycorrcin-treated (top) vs Untreated (bottom)

Figure 2. Broccoli seedling system



Untreated (left) vs Mycorrcin-treated (right)

Figure 3. Broccoli field establishment



Untreated (left) vs Mycorrcin-treated (right)

Benefits

Broccoli seedlings treated with the **Mycorrcin**, showed greater root development and bigger, sturdier and more uniform seedling size.

At harvest **Mycorrcin** increased head size by 18% from 89 to 105 g/hd. **Mycorrcin** increased the total broccoli heads harvested by 11%, from 83% to 94% of seedlings planted, as well as increasing the number of heads harvested in the first cut and second cuts. This shows that **Mycorrcin** accelerated the maturity of the broccoli plants.

Figure 4. Effect of Mycorrcin on Broccoli Head Size Pukekohe 2019

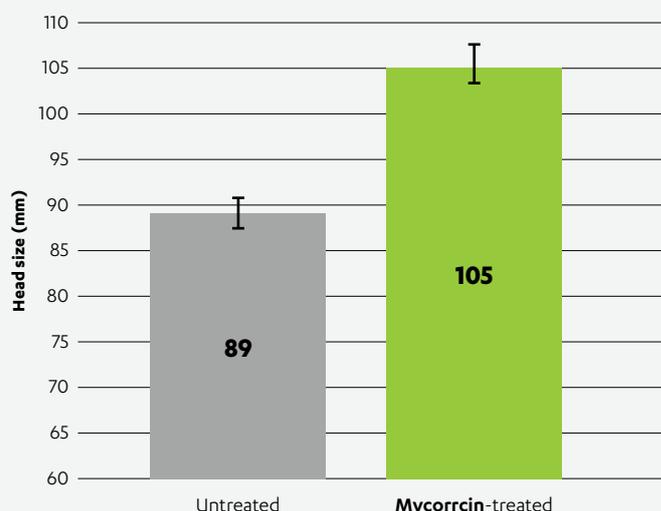


Figure 5. Effect of Mycorrcin on Heads Harvested per Cut Pukekohe 2019

