

# Farm Survey

## Type of Farming System

Nursery stock and hydroponic system, no foliar fungicides and insecticides used.

## Products used in trial

**Bactivate**

**Bactivate  
BioBoost<sup>+</sup>**

**Bactivate  
SeaweedSolution<sup>+</sup>**

**BactivateShield**

## Background

The vegetable grower in the western suburbs of Melbourne, VIC was seeking a method to deal with the root rot diseases found affecting lettuce. The Bactivate Program was first applied to the plugs in the nursery stock and then into the hydroponic system. In the hydroponic system, the program was applied to the tanks where products were applied through the watering with nutrients.



*Fig 2. Clean root systems without the use of chemicals by using Bactivate.*

**Business Name:** withheld by request of customer

**Crops grown:** Spinach, Parsley, Coriander

### Farm Data

**Location:** Western suburb of Melbourne, VIC

Trials were conducted across a range of different crop types across the nursery.



*Fig 1. Coriander grown with the Bactivate Program in Hydroponics, Aug 2012.*

## Observed benefits

By treating the plugs in the nursery with the Bactivate Program, there was no need for any chemical sprays for root or foliar disease and insects. The crop grew in 50% of the standard growing time and the pathogen disease did not impact the crop.

A product taste test conducted by a customer stated that 'a selection of his friends and relatives commented that the treated crops tasted better than the standard grown hydroponic crop. In addition, the treated herbs lasted longer in the fridge than the standard hydroponic crops'.