



The sound approach to a great hydroponics farm.

The Anti Bio Hydroponics system is a chemical-free, environmentally friendly solution which removes biofilm and scale buildup within your system, while reducing pythium outbreaks and producing bigger, healthier crops.

www.antibiohydroponics.com.au

How does it work?

The Anti Bio Hydroponics system uses patented Sweeping Sound Frequencies (SSF) to remove biofilm and scale buildup from inside pipework. Scientifically proven by Griffith University in Queensland, Australia and used in a number of industries worldwide, the Anti Bio Hydroponics system also helps hydroponic growers produce better crops. **The system does not use any chemicals, making it environmentally friendly and easy to maintain.**

The system consists of 2 main components - a control unit, and up to 4 activators. These activators connect to the control unit, and are installed on the pipework. One system can treat up to 4 nutrient systems, if they are all in close proximity of each other. Multiple systems can be run on bigger farms. Installation is quick and easy, and once installed there is no ongoing maintenance or input required.



System benefits

Biofilm and scale buildup removed

The Anti Bio Hydroponics system removes biofilm and scale buildup currently in your system and dramatically reduces the recurrence of its growth. With this biofilm removed from your system, you will have reduced dripper blockages and higher flow rate in your pipework.

Reduce your pythium outbreaks

With little to no biofilm remaining in your system, pythium has nowhere to hide. Installing Anti Bio Hydroponics can greatly reduce your pythium outbreaks, and your mortality rate can be significantly lower, with crops often recovering rather than dying.

Improved root health

Your crop will have stronger, denser and healthier roots, which are much whiter and healthier in appearance. With healthier roots, your crops will in turn be more resistant to viral and fungal attacks.

Reduced crop loss, bigger crops, growing more often

By strengthening the roots, Anti Bio Hydroponics allows nutrient uptake to be more efficient – meaning your crops will look healthier, larger, and taste great. Your crop mortality rate can be reduced, and they can grow faster - meaning you can get more harvests / kilograms / pounds / bunches per year.

pH more easily stabilised

The Anti Bio Hydroponics system will reduce pH fluctuations if they are prevalent on your farm. The end result for you is reduced chemical usage, less time monitoring and adjusting levels, and more confidence in knowing that your crop will have the best chance of desired nutrient uptake targets being met.

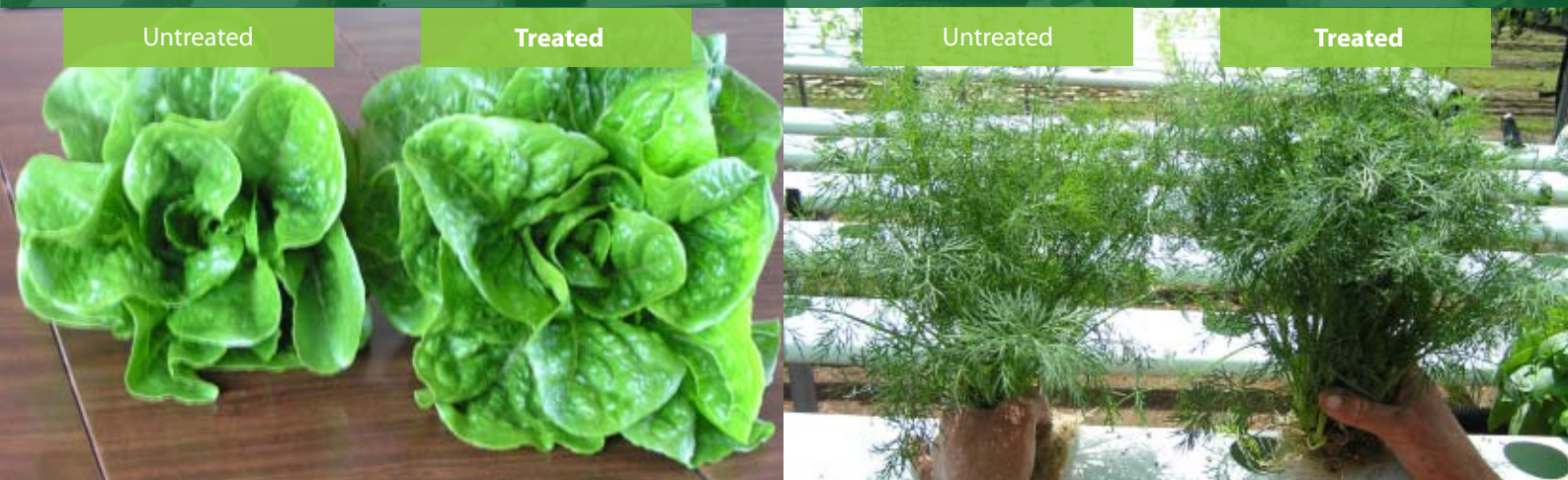
Minimal maintenance or input required – runs 24/7

The Anti Bio Hydroponics system retrofits easily on to any existing farm, requires no ongoing maintenance or input, and runs 24/7, 365 days a week to protect your farm. No complicated procedures to run through – simply install the system and you're on your way.

The results - before and after



Lettuce. Both tables planted at the same time. Note the more robust growth on the treated table.



Lettuce. Both plants planted and picked on the same day. The untreated plant weighed 325 grams, while the treated plant weighed 375 grams (a 15% improvement). The treated plant was also less bitter to taste.

Dill herbs. Note the larger size of the treated plant.

" We now see a definite improvement in the health of our system: coriander roots are white instead of brown; dill keeps growing even under hot conditions; young rocket plants that stress out WILL turn a little purple but then turn GREEN again and keep growing - this has never happened before. "

Tasman Bay Herbs, NZ

For more before/after photos and testimonials, visit the Anti Bio Hydroponics website.

www.antibiohydroponics.com.au

Frequently Asked Questions

Will the system work on any hydroponic farm? Which sites get the best results?

The system will assist any farm with biofilm and scale removal. This will ensure that drippers and misters operate at peak efficiency. The greatest benefits to plant growth will be seen on plants with a short crop cycle and sites with a significant biofilm and scale buildup within nutrient systems.

How many systems will I need?

Each Anti Bio Hydroponics can treat 4 nutrient systems in close proximity of each other.

My drippers are getting more blockages than normal after installing the system, what is happening?

The Anti Bio Hydroponics system is flushing the biofilm from your system. This will stop once all of the biofilm has been removed. You can accelerate this process by ensuring any filters used are cleaned more regularly, and dumping of nutrient tanks occurs more frequently until all of the biofilm has been removed.

How long after installing the system will I start noticing results?

Every site is different, and will therefore have different results. After installing the system, biofilm removal should begin immediately, and full results can be shown within 3-6 months, depending on the type of crop being grown.

Short cycle crops will demonstrate visible root improvements within weeks as new crops are turned over. This is because plant roots derive their greatest benefit from the early days of being planted out.

How long does it take to install?

Installation varies from farm to farm - most installations only take a few hours. Contact your closest distributor for more information.

Does the system use much power?

No – the system only has minimal power requirements. The systems can also be run on solar power if required.

Do I need to switch the systems off?

No – the system runs 24/7, 365 days a year, treating your farm.

Is any maintenance required on the system?

No maintenance or input is required on the system.

Is there a warranty on the system?

Each system comes with 2 years warranty.

How do I know the systems are working?

Each system has an LCD on the front, so you can easily see if the system is working correctly. Full testing kits are available - contact your closest distributor for more information.

What other industries is the Anti Bio system involved in?

The Anti Bio system is a tried and tested product with over 2000 sites worldwide, in industries ranging from swimming pools, beer line treatment, town water treatment, boat hulls, and more. Clients include the Australian Institute of Sport, Wet'n'Wild, Movieworld, Crown, Novotel, local councils, and many others.

Authorised Distributor for your area