

Mr. Lee's Greenhouse

+21% average yield increase & soft rot issues solved for green leafy vegetables farm, Taiwan

“Without using Aqutonix, vegetables easily get soft rot bacterial issues, as usual. Now, thanks to the use of Aqutonix, the soft rot problems have decreased, the situation has really improved.”

Mr. Lee, farmer

The Context and Challenge for Mr. Lee

Mr. Lee is an experienced and leading farmer in the Xingang Township of Chiayi County, on the Southwest coast of Taiwan who grows green leafy vegetables. Mr. Lee's farm had a major problem, though: the soft rot of leaves, which lead him to actively seek out solutions.

The Solution

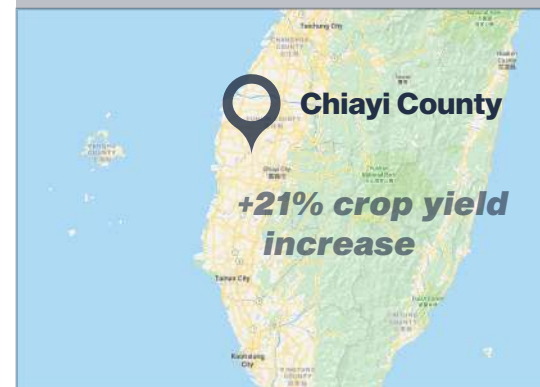
Being presented with the positive results of Aqutonix for the farmers currently using it, Mr. Lee thought that water efficiency enhancement might be a sustainable solution to the aforementioned problem.

The Pilot

Mr. Lee stated that Aqutonix was installed “very easily and required no maintenance” during the whole length of the tests.

FARM PROFILE

- Farm Location
Xingang Township, Chiayi, Taiwan
- Head grower
Mr. Lee
- Farm type
Greenhouse
- Farm size
2,200 square meter
- Type of irrigation
Sprinkler
- Used Aqutonix since
September 3, 2018
- Results
+21% average yield increase, increased crop quality and health, decreased crop damage



See next ->

Aqutonix®

The Results

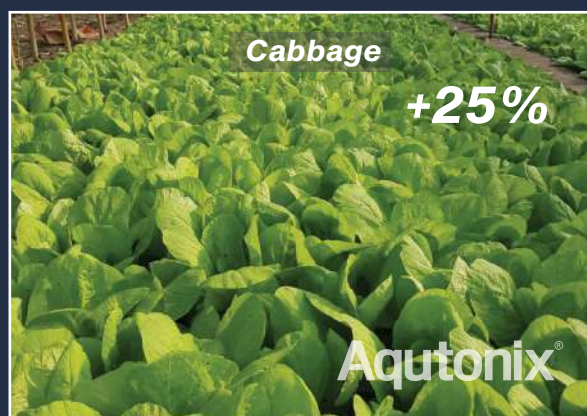
Japanese Mustard Spinach **+10% crop yield increase**

After a 1 month–growth cycle testing Aqutonix, the Aqutonix water treated mustard spinach in the test greenhouse outweighed the control crop by roughly 15% and the leaves were healthier, less wilted than the control group.



Cabbage **+25% crop yield increase**

In the non–treated group, the leaves are a lighter shade of green, with observable soft rot issues whereas, the Aqutonix grown cabbage shows significantly less signs of soft rot. The treatment group is also a deeper, richer shade of green.



Chinese Cabbage **+15% crop yield increase**

Results similar to the cabbage can be observed for the Chinese cabbage with greener, healthier plants irrigated with Aqutonix–treated water.



Shallot **+35% crop increase**

Moreover, Mr. Lee also used treated and untreated water on some shallots which he grows for personal use. He also noticed a clear difference in the treated crop, with the plant being greener, firmer and standing upright, without the use of any pesticides, along with increased biomass overall whereas the control was weak and withering.



Moving Forward

Mr. Lee believes that, thanks to Aqutonix, his farm profit will be increased. He was so satisfied with the first harvest of Aqutonix, he has decided to not only purchase the test unit, but also purchase two more units for use on his other farms.

Get in touch with us now to improve your yield!

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