

HORTICULTURE

A sustainable way to secure your growth.

TARGETED, CONTROLLED AND EFFICIENT DISINFECTION!

ENSURE YOUR WATER QUALITY IN COMBINATION WITH MORE EFFICIENT FERTILISATION.

OPTIMISE ROOT GROWTH, OXYGEN ABSORPTION AND GENERAL CROP HEALTH.

INCREASING PRODUCTIVITY WHILE DECREASING PESTICIDE BURDEN.

Huwa·San®

A sustainable way of disinfection

MADE IN BELGIUM



APPLICATIONS:

- Treatment of the entire watering system: drip line systems, irrigation systems, spray systems, silos, hydrocultures, gutters, etc.
- Disinfection of materials and surfaces: crates, carts, equipment, as well as floors, curbs, gutters, posts and walls in an empty greenhouse

PROPERTIES:

- Sustainable and proven to be effective
- Chlorine-free, without any added organic compounds and acids
- No harmful by-products
- No traceable residue in the crop
- Active at extreme pH values and high temperatures
- Huwa-San has a long-lasting and controlled effect, thanks to its unique formula
- Odourless, colourless, non-corrosive at use levels
- Registered as a biocidal product under authorisation number 12677N (Nl) and 397B (Be)

ADVANTAGES:

- Prevents clogging of the watering system by breaking down biofilm
- Removes biofilm and prevents regrowth
- Reduces production loss by failure
- Reduces the need for crop protection products
- Ensures optimal supply of fertilisers
- Creates oxygen-rich water and promotes the growth of the plant
- Optimises water use (recirculation, flow, drainage, recovery of fertilisers)
- Prevents the growth of algae
- User friendly, simple and versatile applicable
- Quickly and easily measurable

WHILE USING HUWA-SAN YOU CAN COUNT ON ADVICE AND COORDINATED SUPPORT.









CASE STUDY 1:

A bell pepper grower has been experiencing an increased percentage of crop loss due to fusarium dry rot on his operating site in Bleiswijk (5.2 ha) for the past 13 years. The annual loss was nearly 30%. A local distributor recommended Huwa-San. Huwa-San was used to treat the empty greenhouse during the crop rotation period by means of disinfecting the area during the vapor phase. This was done by a trained agricultural contractor. Using a specialised sprayer, the right droplet size and distribution was generated to create maximum effectiveness. The surfaces, walls, poles, gutters, and drip hoses were intensively treated in this manner. Huwa-San has the big advantage of being odourless. Plus, it does not contain any toxic by-products. This meant that people could safely access the space again the next day. Since the start of the cultivation, Huwa-San was dosed in the irrigation system to prevent the regrowth of biofilm, which keeps the water system clean. Moreover, crop loss due to fusarium dry rot has been significantly reduced thanks to the use of Huwa-San.

The grower is not only extremely satisfied with the result achieved with Huwa-San, butalso about the services and advice he received.

"The extra costs compared to disinfecting with a conventional product have been amply compensated due to the reduction in losses. But what really counts is that the fun has returned to cultivation!"

CASE STUDY 2:

A Dutch grower (6.3 ha) has been growing vine tomatoes on mineral wool for many years. Since 2014, his company had been infected with Agrobacterium Rhizogenes, the so-called 'Crazy Roots' phenomenon. Despite using agents containing chlorine, and then hydrogen peroxide, the infection could not be reduced. Huwa-San was first used to clean and disinfect the watering system during the crop rotation. Both the drip hoses and the silos were treated. After the crop rotation, Huwa-San was dripped into the watering system to prevent biofilm re-growth. The result was that, one year after application, Crazy Roots was hardly seen again. The grower puts this down to the use of Huwa-San, in combination with the service offered by Roam Technology, i.e. the carrying out of measurements at various points in the water system.

This grower is convinced: "The costs of using Huwa-San are lower if you compare it to the loss of production due to large-scale crazy roots"









CASE STUDY 3:

A horticulturist with two business locations the Netherlands (both 2.5 ha) had been adversely affected by biofilm, clogging of the water supply and increased Fusarium pressure at one location. The water had a very low oxygen content (15-30%), and an increased opacity (3.0 - 4.5), which is indicative of increased microbiological contamination. Huwa-San was dosed on the watering system in 2014. Two and a half months later, the water opacity had already been drastically reduced (<1.8). And the oxygen content had significantly increased (80-97%) despite a (seasonal) rise in the water temperature. The Fusarium pressure was greatly diminished after 3 months. These positive results meant he was also able to launch his second business location. By using Huwa-San, less plant protection products (e.g. fungicides) are required, there is less loss of crops and fewer blockages in the watering system. Both companies are still doing very well.

"In the future, the improved water quality will contribute to improved cultivation and, therefore, deliver a better yield. The technical guidance and service offered by Roam Technology is definitely a plus and adds to the success of the treatment of our crops."

Roam Technology

Huwa-San®
A sustainable way of disinfection

BIOXeco® INFECTION CONTROL

C-PACK

"Using Huwa-San has not significantly improved my yield, but in terms of maintaining a residual and providing protection agains potentially catastrophic blight, it's the most inexpensive insurance I could ever buy".

Giancarlo Tomelleri, Manager, California Masterplan Inc.

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Huwa-San products are produced and distributed by Roam Technology NV in Belgium. Our products are subject to certain laws and registrations by country. As a result, in some countries not the full range of products is offered. If you would like more information regarding the application, you can contact us or your local distributor. Use biocides safely. Read before each use the label and the product information first.

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