

Irrigation Water Treatment

Irrigation Water Treatment: The Basics

Why Treat Irrigation Water?

There is increasing pressure on growers to treat irrigation water to improve the quality. Of particular importance is water used for salad crops and similar vegetables where the product may be eaten by the consumer without prior washing.

Also, certain root vegetables can be prone to severe damage by waterborne diseases such as Brown Rot. By providing suitable treatment, these diseases can be eradicated in irrigation water, allowing its safe use.



Application

Initially, particulates and debris are removed from the irrigation water using a specialised filter system with an inbuilt automatic backflushing system.

Secondly, the water is disinfected by passing it through a UVO3 high intensity UV water disinfection unit. Utilising the latest in high output, cool running, lamp technology, the unit administers a lethal dose of UV energy to the bacteria passing through the unit, effectively killing them.

The system is designed for easy operation even in remote areas, without the need for regular operator intervention.

Contact us for:

- Unit sizing, whatever your requirement, large or small.
- A complete package from initial site survey through to installation & commissioning
- Full after-sales servicing and customer care.
- Friendly, helpful advice

UVO3 Ltd: Specialist suppliers of UV water disinfection equipment & other non-chemical water treatment technologies



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