



Against Scale and Rust

Water Treatment Agriculture Applications

Vulcan **eco-friendly** water treatment products are the salt-free alternative to traditional water softeners in agricultural applications



Water is a valuable resource which needs to be managed properly to maximize efficient usage. When hard water is used to irrigate crops (corn, soy-beans, etc.) scale deposits form on plants and their leaves which obstruct contact with sunlight. This hinders the process of photosynthesis and therefore the growth of your plants.

Often scale acts as a magnifying glass with its crystal structures, which burns the plants. Salt-based ion exchangers have a negative effect on the environment in agricultural applications because of residual nitrates that leach into the ground water. Because of this salty discharge, traditional water softeners are not eco-friendly. With strict regulations and restrictions on enterprises using "Eco-Friendly" or "Organically Grown" labels, Vulcan's chemical-free method is the solution of choice.

Application Examples

- ▶ Irrigation Fields and Sprinklers
- ▶ Water Feeders for Animals
- ▶ Organic Food Plants
- ▶ Poultry Farms
- ▶ Livestock Farming
- ▶ Green Houses
- ▶ Vineyards
- ▶ Fruit Plantations



The Vulcan effect lowers the surface tension of the water making it easier for plants to absorb. Vulcan is not only effective in the case of irrigation, but also in providing fresh water to livestock and poultry. In these applications, the clearing of nozzles and general maintenance of your water-related equipment will be required at much longer intervals. Bacteria will neither have a host environment to thrive in nor will not be able to accumulate and negatively affect plants and livestock.

Quality - Made in Germany



- ▶ Manufactured by Christiani Wassertechnik GmbH (CWT) Berlin
- ▶ Over 30 years experience in physical water treatment
- ▶ More than 150,000 satisfied customers world-wide
- ▶ Available in more than 40 countries



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Vulcan Reference from a Tree Nursery in Greece



Without treatment



With Vulcan treatment

"... I also have to emphasize on the fact that all these years the leaves of the plants had a white color and not the well known green color. That is, of course because of too much scale in the water.

Installing the Vulcan S25 device, I found out that there is no more white sedimentation on the leaves and soil. Most of all I realized a big improvement in the growth of my plants. I also found out that there is better and quicker lathering, when we wash our hands or even clothes etc.

Finally, I must say that I really found the solution to my problem, which has been bothering me for all these years..."

Vulcan - Against Scale and Rust

Vulcan is the eco-friendly water treatment system which protects your pipes and equipment against scale and rust.

- ▶ Eco-friendly solution without chemicals or salt
- ▶ Reduction of existing scale in the piping system
- ▶ Maximum working life of machinery and equipment
- ▶ Important minerals remain in the water
- ▶ Long life – fully cast in acrylic
- ▶ Maintenance-free
- ▶ 10 year international warranty

- ▶ Easy installation without cutting the pipe
- ▶ From 1/2" up to 20" pipe diameter
- ▶ Works on all pipe materials – iron, copper, plastic, stainless steel, PVC, compound pipes, PE-X, etc.



Vulcan S25



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