

Avoid common problems:



When irrigating with copper ionized water, you now are applying a fungicide every watering cycle. This means you are: descaling your irrigation lines, sterilizing your water, killing algae and other pathogens such as Botrytis, Tomato late blight, Pythium, Erwinia and others to numerous to mention.



How copper ionization works:

Electrically generated copper ions are dispersed into a water system for the purpose of disease control, tip /line descaling and drift control by means of direct current applied across specially designed and formulated copper electrodes. Copper ion dosage is automatically maintained by a Digital Control Unit.

Copper inactivates or kills micro-organisms by binding sulfhydryl moieties present in cellular proteins and enzymes. Once bound these proteins may not be able to function in enzymatic reactions.

The same charge that has sent the copper ions into solution has temporarily increased the solubility of the minerals causing them to lose their adhesive properties and remain in suspension in the liquid until they are flushed from the system. By this reaction, the existing scale is taken back into solution and can also be flushed out.

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