

Preventing your emitters from clogging – the basics



In order to protect your investment in an effective irrigation system and make sure your crops are irrigated in the most uniform manner, it's important to define a proactive strategy to prevent emitter clogging.

The following are guidelines for preventative measures to protect against emitter clogging:



1. Are you using surface water, groundwater or reclaimed water for your irrigation? In order to plan effectively, you need to understand the clogging hazards specific to the source water you're using.
2. Test and analyze your source water for the three types of clogging causes (physical, biological and chemical) so that you know what solutions are appropriate to prevent clogging.
3. Choose a filtration method based on the clogging hazards detected in the water analysis and emitter characteristics.
4. Choose accurate disinfection and water treatment methods to eliminate microorganisms.
5. Choose accurate acid injection methods to adjust water pH levels while preventing sedimentation of chemicals and mineral precipitation. Test for and prevent chemical interactions with fertilizers.
6. Periodically flush the system to prevent sediment buildup and organic development in irrigation lines and emitters.



Thank you!

