



# TRIANGULAR WAVE

## Fact Sheet

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## The TWT Triangular Wave System in Agriculture

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### **Irrigation**

The **TWT Triangular Wave System** has proven its worth in preventing clogging of Drip and Spray Irrigation emitters. The unique ability of the **Triangular Wave System** to maintain clean surfaces applies to biological deposits (slime and algae), as well as scale deposits.

With the **Triangular Wave System** there is no need for the injection of acids and strong biocides like chlorine to keep irrigation piping and emitters free of deposit buildup.

### **Soil Wetting and Penetration**

Some soils will not readily absorb water. Often a chemical wetting agent or surfactant is added to the water at considerable cost to improve the speed and depth of penetration of the water into the soil. Parks, golf courses, and the grounds of office parks are not cultivated and, in arid climates, a buildup of

sodium in the root zone can adversely affect the health of the plants. Low frequency magnetic fields have been proven to alter the molecular state of water. Studies at Texas A&M University revealed an enhancement in fruit (i.e., squash) weight by more than 24%\*

The **Triangular Wave System** has been shown effective for improving wetting efficiency, reducing sodium concentration in the root zone, and maintaining the free flow of irrigation water through pumps, piping and emitter systems.

- **Eliminates scale deposit on irrigation piping and emitters, reduces maintenance**
- **Improves wetting efficiency**
- **Eliminates biological deposits (slime and algae)**
- **Reduces the necessity for chemical additives (surfactants)**
- **Crops absorb calcium-free water molecules faster**

\* Waternet.com

