Crop Booster Agricultural Water Treatment Systems

Data Sheet

- **Increase crop yields**
- **Reduce irrigation requirements**
- **Increase crop profits**
- **No external power source required**
- **Environmentally safe**
- **Easy installation**
- **Affordable, cost effective**

In controlled large-scale field experiments it was found that magnetic treatment affects the quality of irrigation water. Treated water contributes to an increase in crop yield, both in quality and quantity.

The level of return in individual farms depends on three key factors: the type of equipment, the water quality, and the mode of operation of the apparatus.

Agricultural use is not limited to farming alone but also can be implemented for golf courses, greenhouse irrigation and many other horticultural venues.

Benefits

- **Increased root growth**
- **Soil hold moisture longer**
- **Water conservation equals less man hours**
- **Less energy required to pump and irrigate**
- **Increased fertilizer efficiency, less chemical cost**
- **De-scaling of piping**
- **Unclogged water jets**
- **Bigger crop yields**

Applications

- Irrigation systems
- Greenhouses
- Drip systems
- Large pivot water systems
- Misting systems
- Lawn sprinkler systems
- Golf course irrigation

Technical Principles

Scientists at the department of mineral engineering, TECHNION - I.I.T. in Israel, and MAGNETIZER researchers worldwide confirm that the principle of magnetohydrodynamics (MHD) lowers surface tension of water, creating greater solubility and penetration which stimulated root systems. Over time, soil compacts, which restrict the root growth. ***CROP BOOSTER*** treated water de-clogs and breaks up the compressed soil giving the roots freedom to grow and absorb nutrients more quickly. In drip irrigation, the mineral scale barrier, known as the bowl effect is dissolved thereby enabling and encouraging the root cilia to grow and expand farther into the soil. The rigorous and maximized efficiency of the root system excited by the electro-motive forces of the ***CROP BOOSTER*** promotes healthier, bigger and quicker plant growth.

Visit technical papers at magnetizer.com and browse to “Magnetic Treatment of Water and its Application to Agriculture” for more info.