



# **WERECON INC.**

**ADVANCED WATER TREATMENT EQUIPMENT**

---

3320 N. 29<sup>th</sup> Avenue / Phoenix, AZ 85017  
1-888-WERECON (602) 256-0573

## **Things You Should Know Prior to Purchasing a WERECON Water Treatment System**

### **Fertigation**

- Fertigation can save you money and give you much healthier plants year round.
- Your Fertigation system will include bulk storage tanks ranging from 60-1000 gallons to store your liquid fertilizer.
- The system will consume liquid fertilizer based on your water usage.
- Liquid Fertilizers cost from \$2.00 to \$10.00 per gallon or more.
- Your System may use from 2 – 500 gallons of fertilizer per million gallons of water used.
- The system should only be used with actual liquid fertilizers (no solubles, granulars, etc.)
- When you are not using your system, you should fill your tanks with water to keep your system clean.
- The amount of maintenance your system requires depends on the quality of fertilizers you run through it.
- Tanks should always be rinsed between fillings when different materials are used.
- Liquid fertilizers should not be blended by customers.
- Some of our pumps require an annual oil change.
- Liquid fertilizer in the water in the small amounts injected does not pose any significant health risk to people or animals, however, people and animals should not drink treated water on a regular basis
- Fertilizer treated water will not stain paths or walls.
- Fertilizer should be injected continuously at low rates rather than turned on and off at high rates
- Maintenance/repair can be obtained through WERECON.

## PH Control

- In some cases, a pH control system can make a larger difference to plant quality than any other single practice.
- WERECON pH Control Systems use either Sulfuric Acid, or an Acidic Fertilizer to lower the pH of alkaline water.
- Acidic materials can be hazardous and should be handled with the appropriate level of care. Tank access should be limited to authorized personnel with proper safety training.
- Acid reacts with water to reduce bicarbonate levels
- PH corrected water aids in soil penetration and nutrient availability
- The system will have an acid storage tank ranging from 60-1000 gallons.
- Acid weighs between 13 and 16 pounds per gallon, depending on the type
- The tank will have a secondary containment tank to prevent spills.
- The system will consume acid in proportion to water used.
- The system will use between 20 and 200 gallons of acid per million gallons of water used, depending on the water quality and system setting.
- Acid costs between \$1.70 and \$4.00 per gallon.
- It is recommended you keep your pH between 5.7 and 6.5 depending on your application.
- Your system will incorporate 2 pH sensors, which will need to be calibrated monthly, and be replaced annually at a cost of approximately \$130.00 each.
- WERECON offers a service contract that handles monthly service, and pH sensors as well as other services for approximately \$2200.00 per year.
- The WERECON pH control system has many different safety interlocks to prevent over treatment.
- Drinking acid treated water does not pose a significant health risk to people or animals, however, once again, people and pets should not regularly drink the treated water.
- Acid will not necessarily eliminate Algae in sprinkler lines.
- Acid will reduce bicarbonate scale in irrigation lines.
- Upon first using pH control, granular fertilizer applications should be cut back, because the pH corrected water may release some nutrients from prior applications.