

# **BO,Well**

## **Electronic water conditioner**



### **Effectively used in**

Nurseries, Green/poly Houses, Horticulture, Orchards, Grape Garden, Vegetables, Sugarcane Banana etc.

Today's Farmer has one concern using as little water as possible to achieve maximum crop yield.

BO,Well computerised water conditioning system offers an entirely new dimension in the water treatment technology.

### **Benefits :**

1. Well water having high salinity & T.D.S. level can be effectively used for agricultural application.
2. The conditioned water is wetter and increases soil penetration.
3. It breaks down and granulates heavy clay soil. Break down excess salts and minerals.
4. Improve leaching process and allows better drainage percolation in the root zone.



5. Basic elements are made available to root zone
6. Reduces tip burn in leaves.
7. Reduces algae from roots and growing channels.
8. Drip irrigation lines stay clean.
9. Fewer pesticides and effective use of fertilizers.
10. Appreciable saving in water application.
11. Encourages plant & crop growth, achieving greater yield.

Increase in calcium percentage (%) decrease in chloride percentage (%) likewise the results were monitored which are beneficial to plant growth.

The BO,Well contains more minerals, molecular structure is re arranged by conditioning process. The roots of plants easily absorb minerals in ionic form made available by conditioning process.

Acceptable calcium and increased Brix level percentage (%) in crop improves the taste, increases fresh weight and prolongs life of vegetables and fruits.

It has also been proved that salt is not toxic to the plant growth when there are no crystals present. Thus healthy commercial crops can be grown from high

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salinity bore well water, which was previously considered un-suitable for primary production. Even more significant is the fact that BO,Well water produces bigger and better plants than the rainwater.

The Electronic water conditioner significantly.

### Increases

- 1) Plant, fruit, flowers size etc.
- 2) Leaf Calcium level
- 3) Nutrient up take
- 4) Shelf life
- 5) Algae from Root and growing channels  
branch of agriculture

### Decreases

- 1) Tip burn
- 2) Bitter taste
- 3) Premature bolting

### BEFORE



### AFTER



The amazing New growth after installing a BO,Well water conditioner is graphically shown in these two photographs.

Just look at the us, green new growth with no sign of either leaf burn of salt encrustation.



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### **BO,Well, Electronic water conditioner**

At the Rohini ben farm water supply is quite salty. A BO,Well water conditioner was installed on one of the pipeline controlled comparative tests were carried out using conditioned and unconditioned water on plants that were considered un-saleable because of salt encrustation and leaf burn. As you can see there is spectacular clean growth from the conditioned water.



Drip (trickle) irrigation waters crops efficiently.

### **BO,Well solves Effluent irrigation Problem...**

More and more golf courses around the world are using treated effluent to irrigate their greens and fairways. Although this is economical way of irrigating. It does have problems associated with it. This is what the course superintendent had to say. "Before installing the BO,Well" conditioner every sprinkler head on our 18 hole course had to be hand cleaned every two weeks to remove fungal growth since installation all sprinkler head have required "No Cleaning At All"

Solves problems for Residential, Bungalows, Apartments, Housing Colonies, Hotels etc.

### **The system – How it works?**

The design, centers round of a powerful RODF (Random Operational Digital Frequency) technique, microprocessor and solid-state circulatory to generate the required waveform through two antennae wound in



opposite directions around the water supply pipe. These signals generate a strong flux field around and through the coil, a pipe and water, and modify the calcium carbonate crystal nuclei. When the calcite crystals pass through this field it acts on



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the surfaces of the nuclei and modifies the nature of the electrical charges and the ionisation effect thus alters the growth rate and pattern of the time scale.

### **A) Drinking water :**

- Irritating taste & odour of drinking water due to residual chlorine is removed.
- Improvement in the odour of water peculiarly caused by algae, fungus mildew and plankton in water storage tanks improvement in the taste of borewell or well water.



### **B) Kitchen :**

- Utensils, dishes, glass & tableware remain clean giving spotless appearance.
- Solves difficulties in cooking due to the hard water.

### **C) Bathrooms, toilets and washing places :**

- Algae patching & crusting of taps, valves, showers are prevented.
- No more "rings" in commodes, ugly 'scum' on glazed tiles, helps keep wall tiles clean.
- Stop unsightly water stain.

### **D) Specific complaints and problems :**

- No more 'Rough' or sticky hair after bathing
- No 'Sandy' or 'scorched' feel over hands after washing when hands are washed with conditioned water.
- Good taste of hot beverages (tea, coffee etc.)

### **E) Washing and Laundry**

- Better performance of soap & detergents is achieved.
  - Considerable reduction in the consumption of cleaning chemicals.
  - No more ugly stains or coloration of lines & clothes.
  - No disagreeable 'odour' from the finished goods.
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### **F) Cooling towers and AC systems.**

- Stop scale & corrosion
- Risk or danger of spreading of legioella associated always with bio films, scale & sediments on wetted structural surface is positively prevented.
- Maintenance problems get reduced to the maximum extent.

### **G) In solar water heating system**

- conditioned water is very useful to keep the solar system trouble free, protected solar panels from scale & corrosion.

### **H) Swimming pools**

- The water conditioner inhibits growth of algae, fungus mildew etc. in water storage & removes residual chlorine.
- Saves on chemicals by more than 50% makes pool cleaning easy
- Efficient filter operation. Exceptional water clarity.
- Helps stop stinging eyes
- Gives a fresh spring water "feeling that's a pleasure to swim in."



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### I) Garden and Lawns

The effects of BO,Well water conditioner on the decorative plants, trees & lawns as well as on the irrigation system itself is remarkable. When hard water, with high ionic activity or excessive concentration of the chloride ion. (which harmful for plant growth) is processed by the water conditioner, the water becomes electrostatic altered particulate matter to increase soil operculation substantially. So no more "tip burn" of plants and scorched look of lawns, as well as soil encrustation & chocking of drip system getting reduced to zero can be observed by introducing water conditioner in the irrigation system. The plant getting BO,Well conditioned water positively respond by showing spectacular new growth.



Hardness in water becomes harmless. No Wonder, BO,Well water conditioner has been very successfully installed at so many Residential complexes in several cities.

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BEFORE

AFTER



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### **Solves problems for Hospital using :**

Electronic water conditioner eliminates the hardness effects without every touching the water, nor adding any chemicals. Functionally softened, but chemically unchanged water that is absolutely safe to use.

- Stop scale & corrosion
- Bacterial count is reduced
- The consumption of Electricity/fuel for heating (Boiling) surgical equipments in water is reduced.
- Inhibit algae, fungus and mildew growth
- The working life span of all heat appliances increases.
- Soap and detergent become more effective.
- No more rings in commodes, ugly scum on glazed tiles, helps keep wall tiles clean.



Manufacturing and marketed By ;-  
WATER MALL  
KALEKAR COMPLEX  
GADHINGLAJ.  
DIST-KOLHAPUR  
PIN-416502  
PH-02327-222257  
MO-9822866486