



(Volume 4, Issue 1)

Available online at: [www.ijarnd.com](http://www.ijarnd.com)

## Implosion of water: Boon for agriculture

A. Yadav

Student, Banaras Hindu University, Varanasi, Uttar Pradesh

### ABSTRACT

*With the increase in population (approx. 133.92 crores), there is a crisis of water in raising a crop, especially in the drought-prone areas. With uneven utilization of water, the water level is decreasing continuously. So, there is great need to evolve such a technique that increases crop yield per unit volume of the water (water productivity). There is hope that implosion of Water using Phase Conjugate Magnetic Part and Centripetal Implosive Part Improves Growth attribute of seed and the plant.*

**Keywords**— Implosion, Phase conjugate, Centripetal force, Vortex

### 1. INTRODUCTION

Water is one of the most essential compounds for the existence of life. It has many properties which make it different from another compound. Water molecules consist of two atoms of hydrogen and one oxygen atom. In the three-dimensional models of water consist of partial positive and negative charges such that water is packed in a hexagonal lattice. This shape of water can be structured, reorganized (water structuring) and vortex using the magnetic field. Such structured water has increased bioavailability, in this way increases plant growth.

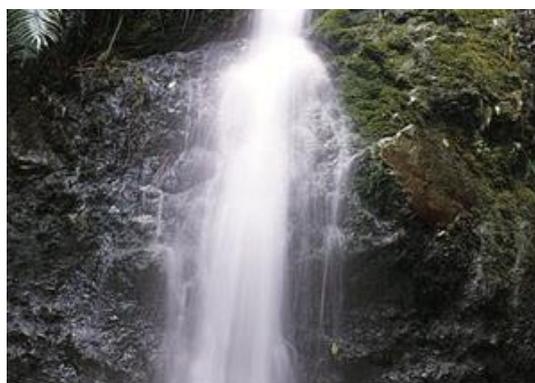


Fig. 1: Silky appearance of water in waterfall

### 2. HOW THE TECHNOLOGY WORKS

The implosion of the water consists of compressing, collapsing molecules of water violently inward using phase conjugation and centripetal implosion.

- **Phase conjugation:** It is a wave phenomenon in which certain geometry, condition, magnetic arrangement etc. cause the wave to strengthen each other by adding and multiplying each other.
- **Centripetal implosion:** In fluid dynamics sense, centripetal force refers to the suction process that causes fluids to move inward and towards the center in a spiraling whirling path. It can be called a vortex and affect the nature of water in a profound way.
- **Imploder device:** It consists of the magnetic array that is arranged in front of the nozzle, in a plastic pipe, often shielded with steel, produces an implosive flux line causing the de-clustering of water molecules. The shape of water changes under the influence of centripetal reorganizing force as it appears like “pony tail”.



Fig. 2: Imploder device



Fig. 3: I Nozzle

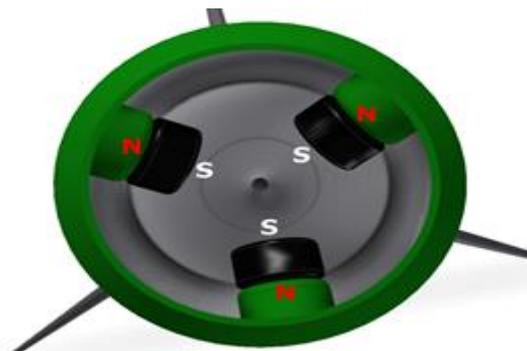


Fig. 4: Magnetic Array

### 3. HOW THE DEVICE WORKS

Water passes from the nozzle end under a pressure of 20psi. The spinning of nozzle produces vortex cause de-clustering of a water molecule. Break it into microcluster of smaller size more spun. Thus the silky appearance of water is observed as seen when waterfall from great heights in the waterfall.

After this water passes through high magnetic flux density by this molecule of water sort themselves, re-organize in magnetic field. This helps in the structuring of a water molecule.

### 4. WATER AFTER IMPLOSION

In unimploded water, water molecule cluster together, making them hard to penetrate a cell wall. Therefore more water is required for the plant to fully hydrate.

In imploded water, water is passed through imploder vortex nozzle, reducing the molecular cluster size, secondly, water is passed through the magnetic array, arranging water in proper order.

The result is water is properly sorted easily penetrating the cell wall, requiring less water to fully hydrate.

### 5. CHANGE IN PROPERTIES OF WATER

- **Solubility:** Solubility of imploded water increases, thus cause mineral matter being easily available to plant.
- **ph:** Reduction in ph is observed after the implosion, Thus balance the ph cause improves in crop yield.
- **Entropy:** About 46% reduction in entropy is observed as compared to untreated water. water become more reorganize.
- **Absorbility:** Due to de-clustering of water molecule it is easily absorbed by the plant.
- **Hardness:** Water become soft and silky in nature .it is easy to pass such water through a pipe in drip irrigation
- **Energy:** Energy of water is increased thus less amount of water cause more growth in comparison to normal tap water.
- **Redo potential:** Redox potential decrease by 6.5% thus it healthier to plant.

### 6. BENEFITS OF USING IMPLoded WATER

- It reduces water use up to 20%.soft and vortex water easily penetrates the soil, Span large area in less time due to increase in energy, preserve soil moisture, initiate soil nutrient and enhance plant growth and improves root and plant growth, save irrigation requirement by 20%.
- Reduce 10-50% in chemical consumption. Reduce requirement for fertilizer, insecticide, pesticides, herbicide, and fungicide because implosion makes input more soluble.
- Increase stem width, leaf size, plant height.
- Reduce 10% of energy consumption. Low scale buildup in pipe better flow saves pumping cost. Thus improve the bottom line of the farmer.
- Increase productivity 10-30%. Save money, time, and a healthier environment.

**7. REFERENCES**

- [1] <https://www.fractalwater.com/category/video/>
- [2] <http://www.theimploder.com/test-results-testimonials/plant-growth/35-40-percent-growth-benefit-superimploder-new-detailed-study>
- [3] [https://www.bibliotecapleyades.net/ciencia/ciencia\\_agua10.html](https://www.bibliotecapleyades.net/ciencia/ciencia_agua10.html)
- [4] <http://www.urzeitcode.com/index.php?id=23>
- [5] <https://en.wikipedia.org/wiki/Implosion>
- [6] <http://www.lulu.com/shop/john-burke-and-kaj-halberg/seed-of-knowledge-stone-of-plenty/ebook/product-22952106.html>
- [7] Tom bearden, Phase conjugate dielectric field
- [8] John burke, Seeds of knowledge