



HYDROS



MAGNETICALLY ENHANCE
AND **ENERGIZE THE WATER**
IN YOUR IRRIGATION SYSTEM

WHAT IS THE HYDROS?

The Hydros uses magnetic resonance wave technology to instantly restructure water into a more powerful, efficient, and absorbable liquid in drip and spray irrigation systems.

The Hydros reduces the surface tension of water, disperses carbonates, dissolves soluble salts, improves the effectiveness of agrochemicals and plant nutrition products, increases humidity in the soil around the roots, and oxygenates the water. The outcome is an optimized response from the plant resulting in higher crop production and quality.

The Hydros is available in different sizes and can be seamlessly integrated into the configuration of all existing irrigation systems at a low cost.

BENEFITS



IN THE SOIL

- ✓ Increased water retention
- ✓ Reduced salt accumulation
- ✓ Improved pH
- ✓ Increased microelement absorption
- ✓ Reduced water consumption



IN THE CROP

- ✓ Faster germination
- ✓ Improved growth uniformity
- ✓ Improved nutrition absorption
- ✓ Longer growth life
- ✓ Higher quality harvest
- ✓ Increased production



IN FOLIAR APPLICATIONS

- ✓ Increased fertigation effectiveness
- ✓ Improves nutrient absorption
- ✓ Low surface tension and uniform coverage

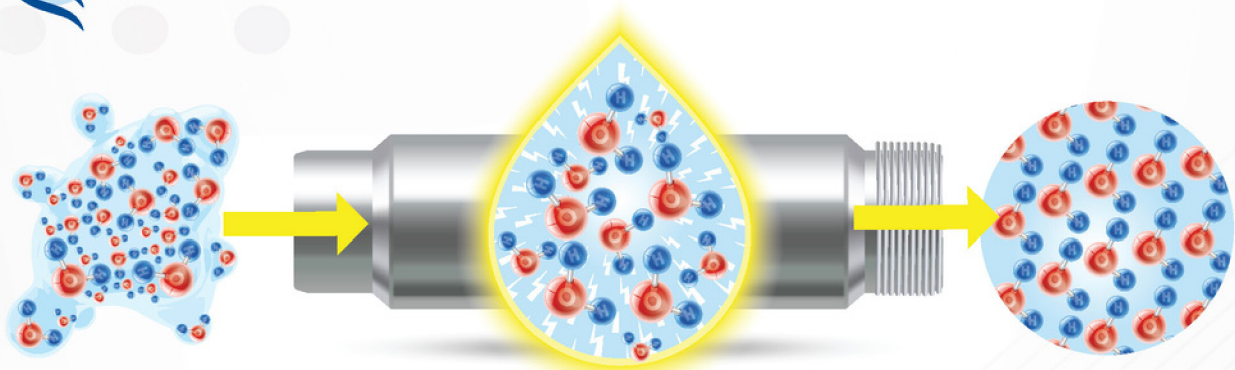


IN THE WATER

- ✓ Breaks surface tension
- ✓ Improved solubility
- ✓ Increased oxygenation
- ✓ Regulates pH
- ✓ Adds salts into solution
- ✓ Enhanced molecular structure



Reduces fouling and clogging in technical irrigation systems. It also increases the equipment's useful life, generating energy savings and external energy maintenance. Finally, it reduces the volume of water used.



Conventional Water

Magnetic Activation

Magnetized & Structured Water

ASPARAGUS CASE STUDY

- Comparison: Using Hydros vs standard crop treatment
- Test Duration: 6 months
- Evaluation: Every 15 days
- Placement of Hydros: The irrigation exit valve
- Parameters Evaluated: Soil analysis and production volume and quality

Production with Hydros

4191 kg

Production without Hydros

3261 kg

Production increase with Hydros:

22.2%

CORN CASE STUDY

- Comparison: Using Hydros vs standard crop treatment
- Test Duration: 5 months
- Parameters Evaluated: Plant height, stalk diameter, and water consumption

Production increase with Hydros:

13%

| | Height (cm) | | | Diameter (mm) | | |
|-------|----------------|-------------|----------------|----------------|-------------|----------------|
| | Without Hydros | With Hydros | Without Hydros | Without Hydros | With Hydros | Without Hydros |
| V4-V5 | 40.3 | 45.2 | 12% | 19.4 | 19.4 | 0% |
| V6-V7 | 55.5 | 57.5 | 4% | 21.6 | 24.5 | 13% |
| V8-V9 | 65.5 | 70.4 | 7% | 21.9 | 24.0 | 10% |
| VT-R1 | 101.5 | 109.4 | 8% | 22.4 | 23.8 | 6% |

TOMATO CASE STUDY

- Comparison: Using Hydros vs standard crop treatment
- Test Duration: 6 months
- Parameters Evaluated: Plant height, soil analysis, and crop production

Production with Hydros

4191 kg

Production without Hydros

3261 kg

Production increase with Hydros:

22.2%

THE IMPORTANCE OF WATER

Having high-quality water allows greater absorption by the soil and the plant, better effectiveness in the use of agrochemicals and fertilizers, therefore better-structured plants and homogeneous crops; which leads to higher productivity and quality.

The Hydros is a magnetic resonator that instantly improves water quality in irrigation systems, modifying its molecular structure, activating it with smaller homogeneous molecules, and recharging it with oxygen and energy.

WEAT TECHNOLOGY

Designed in Switzerland, the WEAT technology (Water Energy Activation Technology) takes water from local field sources (rivers, ponds, wells, or other) and creates magnetic resonance waves in the Hydros to optimize its inherent beneficial characteristics.

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