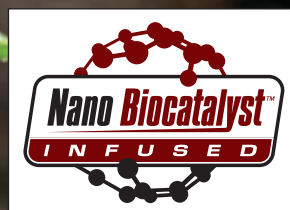




NANO AG TECHNOLOGIES, LLC
FACTORY DIRECT NANO SOLUTIONS

— The cutting edge
NANO BIOCATALYST
ADVANTAGE



GET MORE OUT OF YOUR CROP INPUTS

Very few farmers have money to burn. So why would you want to get anything less than full value out of the crop chemicals, fertilizer and irrigation water you apply? **AGpHRx™** is a novel biological-based sustainable solution designed to instantly lower pH and water hardness for long-term stability, while adding oxygen and carbon to the soil.

AGpHRx™ not only blends with most herbicides, insecticides, fungicides, fertilizers and micronutrients, but it improves the solubility and effectiveness of those products through improved foliar and ground penetration.

"By treating that well water, we're releasing the dissolved minerals in the water so they become bio-available to the plants. At the same time, we're adding a huge dose of carbon, oxygen and energy to that water, which gives the plants a real 'shot in the arm'."

John Troutman
Troutman Agri Solutions LLC
Marienthal, Kansas

MAKES IRRIGATION WATER MIMIC RAINWATER

We all know the value of rainfall on a crop. Rainwater not only provides the plant with needed moisture, but it provides dissolved oxygen, which is picked up from the atmosphere. **AGpHRx™** makes well water used for irrigation perform more like rainwater.

In effect, **AGpHRx™** balances the ratio between dissolved oxygen and carbon and helps maintain the pH in well water until it is absorbed into the soil and taken up by the plants. By releasing the dissolved minerals in well water, **AGpHRx™** also makes them bio-available to the plants.

*"The corn was out of the ground in about five days. Between the extra oxygen **AGpHRx™** adds to the soil and the way it enhances the effectiveness of the fertilizer and micronutrients, we've seen amazing benefits."*

Justin Brester
Corn, soybean and alfalfa producer
Howells, Nebraska

*"We've done side-by-side trials with and without **AGpHRx™** added to the water applied through the pivots and we found that the alfalfa in the treated plot had bigger, healthier plants with more leaves and produced a higher yield and an increase in relative feed value."*

John Troutman
Troutman Agri Solutions LLC
Marienthal, Kansas

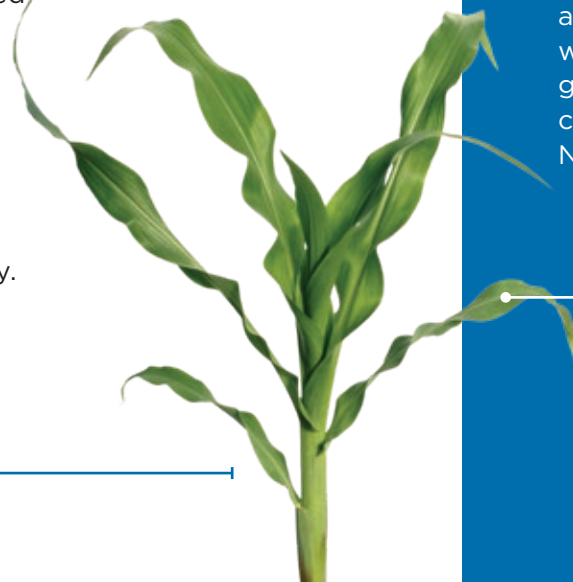
TURN SALT INTO PLANT FOOD

Unlike other pH-lowering products, **AGpHRx™** does not add any additional salts to the soil . . . which can steal energy and water from plants.

In contrast, **AGpHRx™** separates salt that is already in the soil into the separate sodium and chloride components, making sodium and other minerals available for the plant to utilize. Fact is, a plant can use up to 30 to 40 percent salt after it becomes bio-available.

IMPROVED SOIL CONDUCTIVITY

Soil pH has an additional effect on soil conductivity and electrochemical balance. Plants like soybeans, alfalfa and clovers tend to take up more cations or minerals in proportion to anions, depending upon soil pH. This causes H⁺ ions to be released from plant roots in their efforts to maintain the electrochemical balance within their tissues based on the conductivity of soil. **AGpHRx™** helps reverse the damage caused by high-salt, chemical-based fertilizers and improves the balance in subsoil acidity and conductivity.



REDUCED COMPACTION

Field trials have shown that soil irrigated with **AGpHRx™**-treated water stays wet a little longer, which translates into fewer rotations of the pivot and a measurable savings in water. Some estimate up to a 30 percent savings in water alone.

AGpHRx™ also releases the calcium, clay and zinc that cause compaction, allowing water and plant roots to more easily penetrate the soil, reducing compaction and further conserving water.

FRINGE BENEFITS

Additional benefits attributed to the use of **AGpHRx™** in a tank mix or irrigation water include:

- Improved microbial activity in soil
- Requires less water per acre to spray various blends of chemicals
- Micro-encapsulated for long term reactive activity
- Helps increase yield and lower cost per acre
- Removes and dissolves calcium deposits and rust from spray jets and supply lines
- Keeps lines free from buildups and clogs from various fertilizers and chemicals

A LITTLE GOES A LONG WAY

When using **AGpHRx™** in a foliar application, it quickly adjusts the pH of any spray tank mixture. **AGpHRx™** can also be applied to all field and row crops. Plus, it can be foliar applied by air or ground application equipment. **AGpHRx™** can even be used as an in-furrow application.

This unique product displays benefits that are achievable on all crop types. Whether it's alfalfa, wheat, soybeans, cotton, or any crop in between, give **AGpHRx™** a try. For more information, contact your local distributor, or visit us online at NanoAgTechnologies.com.



**FORMULATED
FOR USE ON
ALL CROPS**



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