



MAKING
EVERY DROP
COUNT



Agriculture Value Propositions

Water Conservation

Reduces water demand for like yields by 20% or more by minimizing runoff and evaporation losses.

Soil Structure Improvement

Increases soil water holding capacity and decreases the permanent wilting point, enhancing plant resilience to drought conditions.

Water Quality Restoration

Restores water viscosity in mineral-laden water, enriching it with oxygen and breaking down contaminants, while inhibiting precipitate formation and promoting beneficial mineral movements and interactions.

Compaction Relief

Proven compaction relief allowing materially better hydraulic conductivity, gas exchange and mineral movements. This prevents runoff and reduces evaporation. The oxygen-rich water stimulates aerobic microbial life (including nitrogen fixing bacteria).

Reduced Fertilizer Requirement

Increased microbial life can lead to decreased fertilizer needs, by supporting improved nutrient cycling and utilization, lowering input costs.

Irrigation System Cleaning

Removes bio-film and mineral deposits, restoring emitter uniformity and reducing filter maintenance.

Improved Nutrient Use Efficiencies

Support enhanced root function and mineral uptake to achieve increased nutrient densities for healthier more nutritious crops.

Salinity Mitigation

Enhances cation dissolution, thus improving ability to manage high sodium absorption ratios. Convert carbonate species and chlorides to less reactive forms to mitigate salinity and hard water effects for the remediation of high salinity or compacted soils.

Note: Individual crops will respond to RainMaker treated water differently due to variations in soil type, climatic conditions and operating procedures. The results for individual sites will accordingly be highly variable and cannot be specifically warranted or guaranteed. Typically responses are greater the lower the quality of the irrigation water.

