

MOLEAER™
BEYOND AERATION

Oxygen-Enriched Nanobubble Water

- ✓ Increase Root Zone Oxygenation
- ✓ Increase Nutrient Uptake
- ✓ Prevent Root Disease
- ✓ Reduce Plant Stress
- ✓ Shorter Internode Spacing
- ✓ Increase Plant Yield
- ✓ Remove Biofilm & Prevent Emitter Blockages

Enhanced Oxygen Nanobubble Aeration for Irrigation Water

Water quality is one of the primary cultivation inputs that can have a significant influence on plant health and productivity. Since oxygen is an essential element required for plant growth, maintaining sufficient levels of available oxygen in irrigation water is a fundamental way to support healthy plant development, reduce stress, and prevent diseases.

Elevating oxygen levels in the root zone enhances nutrient uptake, improves root mass, suppresses pathogens, and supports healthy vegetative and flowering characteristics. Well oxygenated water produces plants that are more resilient to environmental stressors and reduces the risk of crop failure.

Moleaer nanobubble generators convert bulk oxygen into nanobubbles and supersaturate water with high levels of dissolved oxygen and nanobubbles. The unique, negatively charged, neutrally buoyant, nanobubbles can remain suspended in water for long periods of time, acting like an oxygen battery. As the plant consumes oxygen from the water, the nanobubbles continue to diffuse more oxygen into solution, maintaining saturated levels of dissolved oxygen in substrates to help maximize oxygen delivered to the roots.

Moleaer's nanobubble generator is the most efficient gas infusion technology to enhance aeration performance for cannabis cultivation.



Moleaer's Bloom Nanobubble Generator

is available in 25 and 50 gpm flow rates

