



**MOLEAER**  
ADVANCING NANOBUBBLE TECHNOLOGY

**LOTUS**



## SUPERIOR WATER QUALITY FOR OPTIMUM PLANT GROWTH



### Sustainable, Chemical-free Nanobubbles:

- ✓ Boost plant vigor
- ✓ Improve root health
- ✓ Enhance water quality
- ✓ Pathogen & biofilm control

OVER 1500 COMMERCIAL FACILITIES TRUST MOLEAER'S PATENTED NANOBUBBLE TECHNOLOGY

# SUPERIOR WATER QUALITY FOR OPTIMUM PLANT GROWTH



## Nanobubbles Improve Plant Health

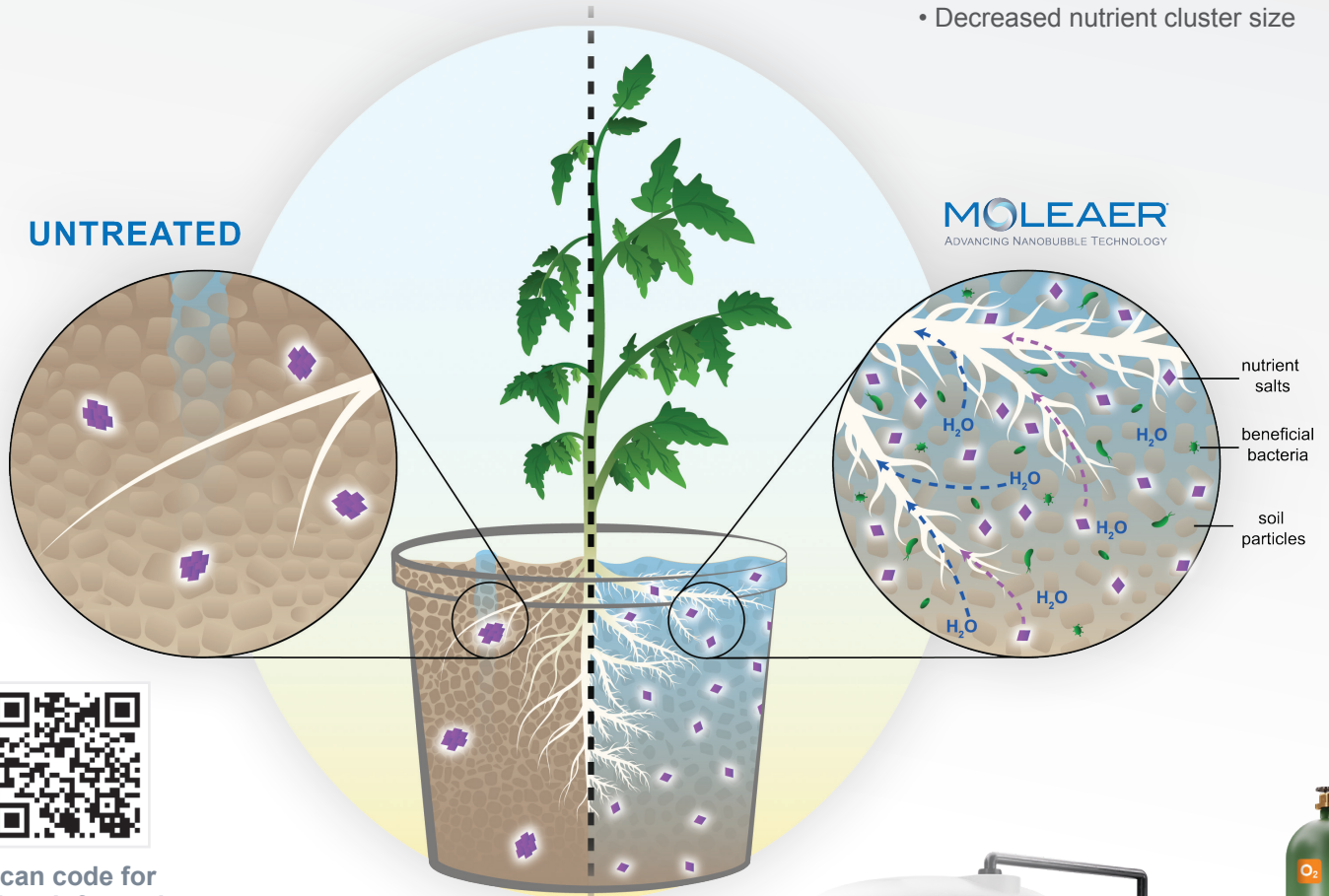
- More lateral & capillary root development
- Increased nutrient uptake
- Less health & water stress

## Nanobubbles Enhance Irrigation Water

- Reduction in surface tension
- Reduction in water molecule cluster size
- Improve penetration & infiltration

## Nanobubbles Optimize Soils & Soil Substrates

- Improved flocculation & reduced compaction
- Improved nutrient conversion & availability
- Increased capillary water distribution
- Decreased nutrient cluster size



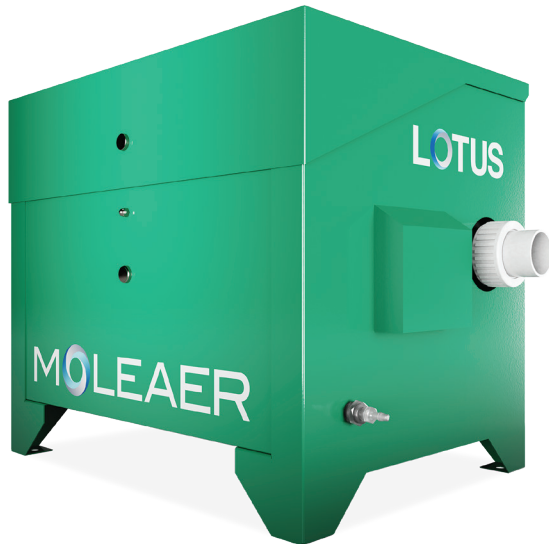
Scan code for More Information



O<sub>2</sub> tank, water tank and pipes not included. Sold separately.



## Lotus Nanobubble Generator Delivers Commercial Quality Water Treatment for Grow Facilities Under 200 LED Grow Lights



### Harness the Power of Nanobubble Technology

Designed for micro-growers and horticultural enthusiasts looking to enhance irrigation water quality and plant health in grow operations treating less than 1000 gallons of water per day, the Lotus nanobubble generator is quiet, corrosion-resistant and comes with a self-priming, energy-efficient pump. Available at 10 GPM flow rate, the Lotus offers easy installation, durable operation, low maintenance, and simple control.

#### Sustainable, Chemical-Free Nanobubble Benefits

- ✔ Boost plant vigor and performance from early growth to flowering
- ✔ Enhance water quality
- ✔ Promote beneficial bacteria
- ✔ Increase nutrient uptake efficiency
- ✔ Suppress disease-causing pathogens
- ✔ Reduce biofilm and improve irrigation system hygiene
- ✔ Reduce chemical and pesticide applications
- ✔ Reduce water use through increased water uptake efficiency
- ✔ Improve plant resilience to environmental stressors

#### Product Specifications

- ✔ Assembled in America
- ✔ Designed for Use with Oxygen Gas
- ✔ Sustainable & Chemical-Free
- ✔ 10 GPM Flow Rate
- ✔ Easy Installation & Maintenance
- ✔ Simple Controls
- ✔ Indoor and Outdoor Rated

Supplemental oxygen gas required, not included.



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## Moleaer's Independently Validated & Patented Nanobubble Technology

Moleaer's nanobubble technology increases productivity and solves problems more sustainably across a wide range of industrial and commercial processes. Nanobubbles are a unique class of science that produce extraordinary improvements in water treatment, food production and resource recovery.

We partner with experienced engineering and innovation teams at world-renowned universities, including UCLA, Arizona State University, Wageningen University, and Virginia Tech University, to validate new applications for our nanobubble technology. Through these partnerships, we have proven that nanobubbles can solve complex problems and address some of the world's biggest environmental challenges.