

## Confirmed: Nanobubbles Produce More Efficient Nutrient Uptake and Water Usage



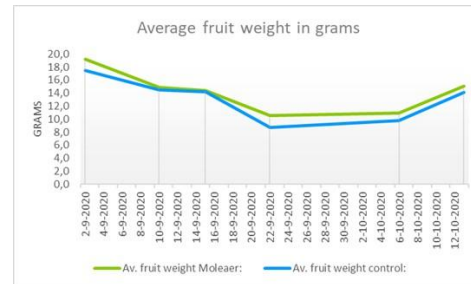
**NovaCropControl:** An industry-leading research and test centre specializing in plant sap analysis, NovaCropControl aims to provide insight into the plant's nutrient uptake with a fast and accurate service based on low cost.

**The Challenge:** Globally, our food supply system is faced with increasing pressure and demands to feed our growing population, as it's estimated that food production will need to rapidly increase by up to 70 percent by 2050. Climate change is creating new challenges for farmers and growers, with increased water scarcity, warming environments, severe droughts, and unpredictable weather events.

**Our Solution:** Moleaer, the leading nanobubble technology company, has demonstrated success with increasing crop yields and improving plant health through sustainable, chemical-free nanobubble irrigation. Nanobubbles enable growers to enhance existing irrigation water, promote beneficial bacteria, suppress pathogens and diseases, and increase nutrient uptake.

**Results:** In a side-by-side study, NovaCropControl irrigated plants with nanobubble technology provided by Moleaer. Plants irrigated with Moleaer's nanobubbles had:

- More efficient nutrient uptake and water usage
- Improved capillary root development
- Increased resilience to high heat
- Reduced Pythium levels of up to 80%



**Koen van Kempen, Consultant, NovaCropControl Research Center:** "We know that improving water quality through increasing sufficient oxygen levels are important for plant health and crop resilience. Our trial confirmed that Moleaer's oxygen-filled nanobubbles are a very efficient method of delivery."

To receive more details on the full report, please contact us at [info@moleaer.com](mailto:info@moleaer.com).