

# NanoRise®

## Nanoliquid® technology for enhancing nutrient uptake

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**NanoRise®** is designed to protect and carry nutrients in liquid solution to improve efficiency and reduce waste. **NanoRise** enhances plant nutrient uptake and availability for liquid nutrient formulations including macronutrient and micronutrient products.

Nanoliquid technology is a patented and environmentally sustainable crop solution for improving plant uptake of agricultural inputs.



### NanoRise benefits:

- Enhances nutrient uptake
- Supports reduced application frequency
- Unique carrier technology
- Highly compatible with most products
- Clean, easy handling and safe for the environment

### Mixing guidelines:

Add the liquid fertilizer to the tank then add **4 oz/ac NanoRise**.

**1** Add water and water conditioners



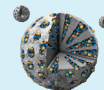
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**2** Add crop input



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**3** Add nanoliquid product



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**4** Add surfactant (if needed)

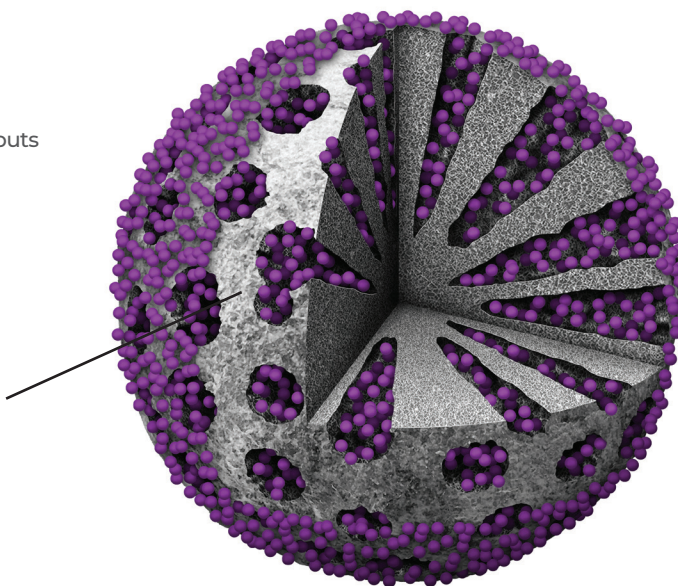


## THE ANATOMY OF A NanoRise Particle

### Nanoliquid benefits:

- Improves plant uptake
- Highly compatible with ag inputs
- Clean, easy handling
- Safe for the environment
- Proven performance

A **nanoparticle** is between 10-100 nanometers (nm) in size, providing room for thousands of nutrient ions.



Ions of the nutrient solution are attracted to nanoparticles, filling the empty space and also forming an outer layer of ions around the nanoparticle. Loaded particles are now ready for effective delivery.



For the latest trials, product information, and testimonials, visit

[www.nano-yield.com/nanorise-CA](http://www.nano-yield.com/nanorise-CA)

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