

# N-Rich Nano+



Nano-Nitrogen Liquid Technology from Neem Cake for improved Nitrogen Uptake Efficiency.

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**N-Rich Nano+** utilizes **Neem Nitrogen Nano** (NNN) technology and is specifically developed to improve Nitrogen uptake efficiency and to replace UREA.

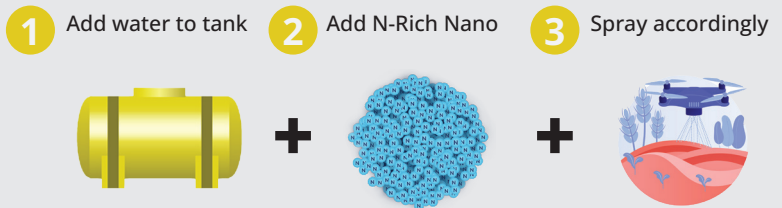
**N-Rich Nano+** is formulated from Neem Cake and delivers the purest form of Nitrogen straight into the stomatal pores of leaves without needing any assistance of soil microbes.

Nano-fertilizers are a crucial development in the protection of the environment because they can be applied in smaller quantities compared to traditional fertilizers, hence reducing leaching, runoff, and gas emissions to the atmosphere.

## Easy foliar application mixing guidelines:

Add water to the tank (15 litres for back sprayers). Next add 10 ml **N-Rich Nano+** in the tank. Stir it well.

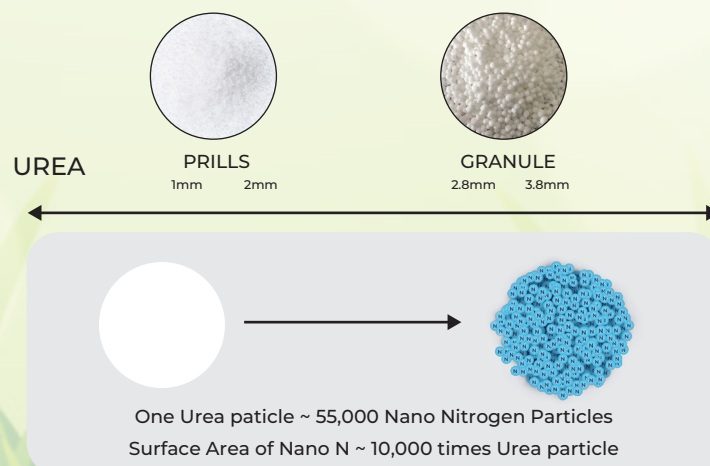
One acre will consume 15 tanks (225 litres water) = 150 ml **N-Rich Nano+** (Eqv of 50 kg bag of Urea).



## How Nitrogen-Rich Nano Technology works?

### THE ANATOMY OF Nano+ 'N' particle

N-Rich Nano contains 40% N, with size less than 50nm, has greater surface area relative to its volume and number of Nitrogen particles per unit area than conventional UREA.



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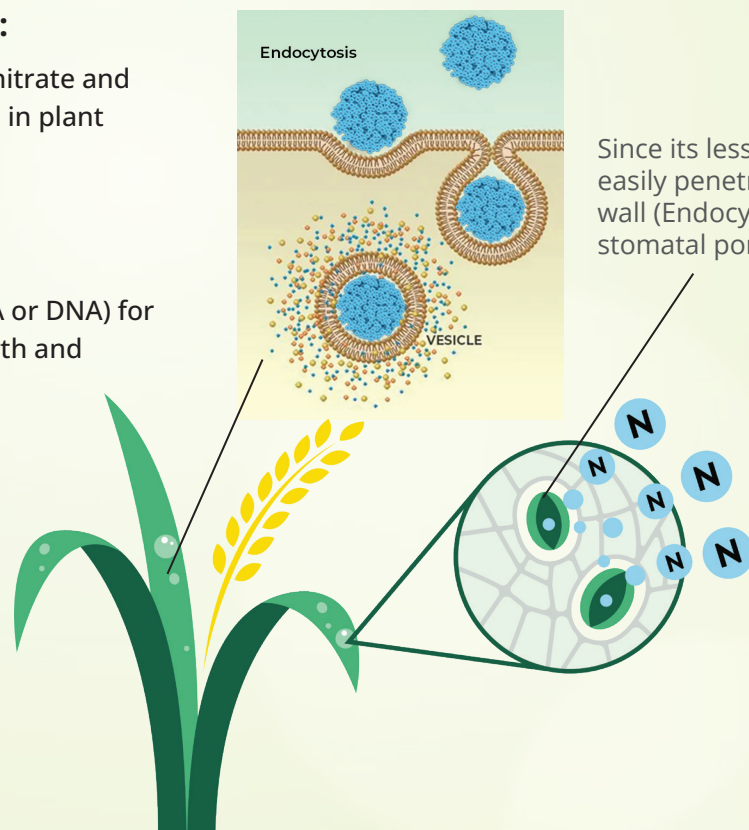


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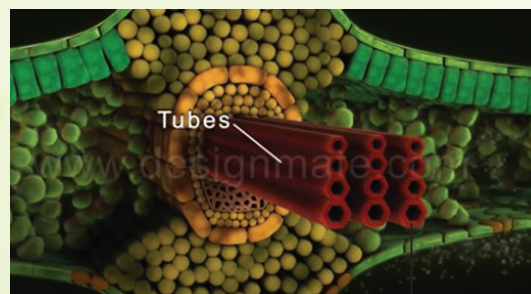
NNN technology helps in the Controlled release of the Nitrogen into the plant and zero N losses into the environment.

## N-Rich Nano+ benefits:

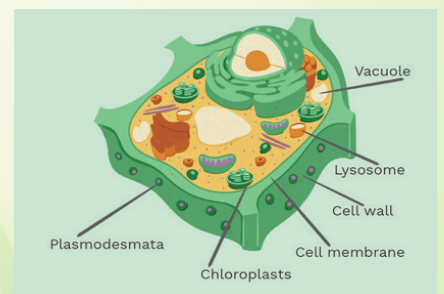
- Stimulates enzymes like nitrate and nitrite reductase involved in plant nitrogen metabolism
- Boosts protein content
- Chlorophyll content and
- Nucleotides content (RNA or DNA) for better Physiological Growth and
- Grain Production.



After entering the stomata pores and through Endocytosis, Nitrogen molecules of N-Rich are transported to cells Chloroplast and other plant parts via Phloem vascular tissue, Plasmodesmata, Aquaporins, Ion channels etc.



Phloem vascular tissue



Powered by  
Neem + Nitrogen + Nano  
**NNN  
Technology**

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