

# BIO-N

## The Biological alternative to Nitrogen



BETTER NITROGEN  
EFFICIENCY



IMPROVED SOIL  
PROPERTIES



HIGHER NUTRIENT  
AVAILABILITY



HIGHER COST  
EFFICIENCY



LESS LEACHING &  
CONTAGION



INCREASED CROP  
HEALTH



**A biological alternative to nitrogen fertilisers** that harness nitrogen-fixing microbes. It reduces reliance on chemical fertilisers, improves nitrogen efficiency, and benefits the environment.



**SFS**  
BIOLOGICAL SOIL  
& PLANT HEALTH

# Why BIO-N Works

- **Microbes fix atmospheric nitrogen:** Bio N contains specially selected nitrogen-fixing bacteria that can transform atmospheric nitrogen into a form that plants can absorb.
- **Enhanced soil structure:** Bio N promotes healthy soil structure, essential for optimal nitrogen fixation and plant growth.
- **Synergistic interactions:** The microbes in Bio N interact with the plant roots, exchanging nitrogen for plant sugars and creating a mutually beneficial relationship.



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*This innovative approach offers several advantages over traditional nitrogen fertilisers*

**BIO-N is a biological solution that harnesses the power of nitrogen-fixing microbes to provide crops with atmospheric nitrogen.**



# BIO-N

- **Reduced reliance on chemical fertilisers:** Bio N, which utilises atmospheric nitrogen, can help reduce the need for synthetic fertilisers.
- **Better nutrient efficiency:** Bio N is highly efficient at converting atmospheric nitrogen into a usable form for plants, minimising nitrogen losses through leaching, runoff, and gaseous emissions.
- **Environmental benefits:** Using Bio N is not just about plant health; it's about the health of our planet. It can reduce the carbon footprint associated with nitrogen fertiliser production and improve soil health, promoting environmental responsibility.
- **Cost-effective:** Bio N is not just a biological alternative; it's a financially savvy one. It can be a cost-effective alternative to conventional nitrogen fertilisers, especially when combined with reduced fertiliser applications.



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