Protect your nitrogen investment this sugar cane season

Rely on us
Stabilise nitrogen in the root zone longer and promote more efficient plant uptake with N-Protect.

N-Protect is a liquid treatment that when applied to your crop will increase nitrogen use efficiency through the suppression of nitrogen fixing bacteria. Promoting efficient plant uptake and reducing the risk of leaching and denitrification, N-Protect can significantly improve your sugar cane crop yield this season.

N-Protect will assist in:

- Providing plant available nitrogen uptake
- Protect your crops against leaching and denitrification
- Protect against tropical climate conditions
- Increasing sugar cane and yield and profit
How does N-Protect work?

Applied Nitrogen fertiliser relies on beneficial soil microbes to transform the more stable ammonium nitrogen into the more mobile nitrate form. Any nitrate not absorbed by the plant will be potentially lost to leaching and/or denitrification. This risk is more likely in the tropical sugarcane regions.

N-Protect treatment stalls the microbes which converts ammonium to nitrate. This in turn keeps nitrogen in the stable ammonium form, allowing plants ready access with minimum risk of leaching whenever rainfall or irrigation bring on increased chances for nitrogen loss.

Why use N-Protect over nitrification products?

- **N-Protect is a bacteriostatic inhibitor** meaning it won’t harm the nitrogen fixing bacteria soil population. Protect will ensure you protect your nitrogen investment whilst not comprising on your soil health.

- **N-Protect is applied to urea or sugar cane blends at the time of dispatch.** This goes a long way to maintaining the integrity of the nitrification active ensuring you high quality product.

- **N-Protect’s active is Dicyandiamide (DCD) and is the most used nitrification inhibitor in the world.** Now available in the Australian market through Impact Fertilisers accredited dealer network.
Protect against tropical climate

Research conducted has shown Nitrogen is preserved in the ammonium form for 20 days at 28°C, 30 days at 20°C, and more than 12 weeks at 10°C. The ability of the product to protect growers’ nitrogen investment in tropical conditions will make it a very attractive economic proposition to cane growers, while at the same time providing environmental benefits by helping combat nutrient run off pollution from agricultural production.

N-Protect - The nitrification inhibitor you’ve been waiting for.

Visit impactfert.com.au or call 1800 88 44 88 to find your nearest N-Protect accredited supplier

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