



**SUREWAY**  
Harnessing The Power Of Nature

# NUTRICAT

coated **UREA**



## MAXIMISE NITROGEN EFFICIENCY

**A unique solution that maximizes nitrogen efficiency and builds soil fertility**

Nutricat is a cutting-edge fertilizer solution designed to enhance the performance of traditional urea. Derived from humic acids, Nutricat contains a unique blend of organic acids, enzymes, vitamins, and rare earth minerals. This innovative formulation significantly improves the efficacy of nitrogen in urea, leading to better crop yields and overall soil health.

- **Enhanced Nitrogen Utilization:** Nutricat ensures more efficient nitrogen uptake by plants, reducing nitrogen losses and promoting sustainable agriculture.
- **Improved Soil Health:** The humic acids in Nutricat enhance soil structure, increase microbial activity, and improve nutrient availability.
- **Boosted Plant Growth:** The blend of organic acids, enzymes, and vitamins stimulates root development and overall plant growth.
- **Reduced Environmental Impact:** By optimizing nitrogen use, Nutricat minimizes the environmental footprint of farming practices.
- **Cost-Effective:** Improved nitrogen efficiency means you can achieve higher yields with the same amount of fertilizer, saving costs in the long run



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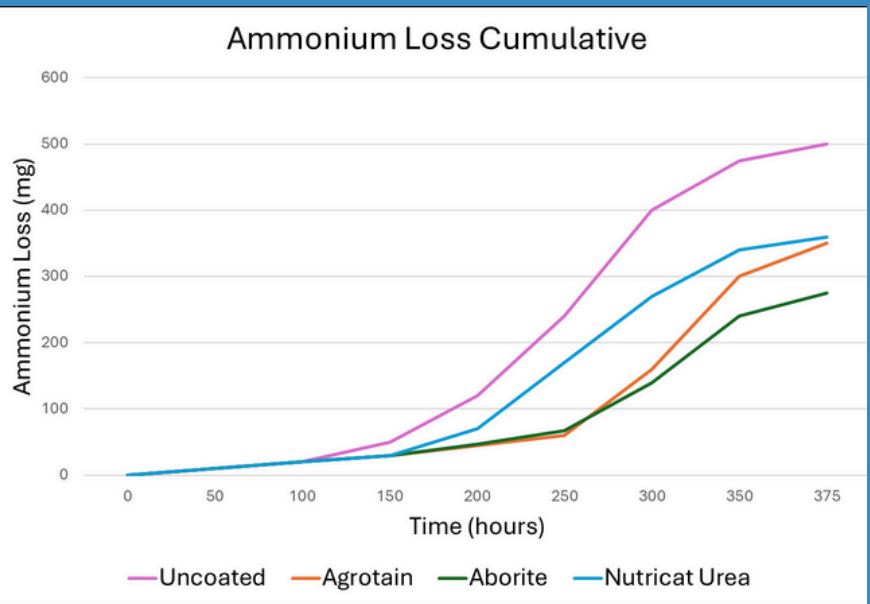
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# NUTRICAT REDUCES NITROGEN LOSS

The Nutricat coating on urea reduces nitrogen loss by stimulating fungi to metabolize nitrogen, integrating it into a biological system. This approach sets it apart from other coating products that act as urease inhibitors.



## CASE STUDY

A wheat grower undertook a demonstration trial to compare Nutricat Urea to Normal Urea. The purpose was to test the claims of applying Black Urea at 25% less than white urea (standard practice) and still maintain yield and quality. The Normal Urea was applied at 100kgs per hectare and the Nutricat Urea at 75kg per hectare. These rates were based on soil test results and traditional practice of the farm. All other practices were kept the same throughout the growing of the crop. The crop was harvested and yield monitors were used to gauge the results of the plots.

## RETURN ON INVESTMENT

Product	Rate - kg/ha	Product - R/ha	Yield / ha	Income / ha	Net Return
Normal Urea	100	R 860	3,5 t	R 21 000	R 20 140
Nutricat Urea	75	R 740	3,9 t	R 23 400	R 22 660
				<b>Difference</b>	<b>R 2 520</b>

Calculations based on 2024 product prices and a wheat price of R 6 000 / t  
Net return based on the input cost of the Urea only

The financial return in using Nutricat Urea for this grower was significant. Not only did the Nutricat Urea save the grower money at the reduced rate per hectare applied, it also gave an increase in yield.

**SCAN HERE TO VIEW  
THE MECHANISM OF NUTRICAT UREA**



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