

Biological products from Corteva Agriscience™ are designed to keep farms productive and healthy, today and tomorrow.

Learn more at [biologicals.corteva.ca](https://biologicals.corteva.ca)



Undergo years of testing for proven, predictable performance.



Complements evolving farming practices, helping tackle challenges like resistance management and nutrient efficiency.



Improves resource efficiency, helping preserve your land for the future.



Meets changing consumer needs while boosting farm ROI and profitability.

## Utrisha™ N

**NUTRIENT EFFICIENCY  
BIOSTIMULANT**

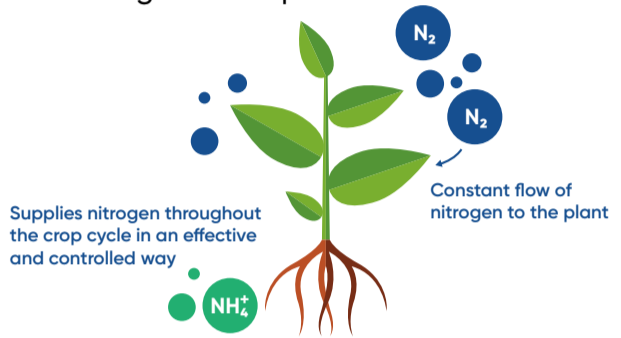
North America's 1<sup>st</sup> biological from Corteva Agriscience™.

Utrisha™ N is a nutrient efficiency biostimulant that provides crops a unique way to capture nitrogen throughout the season.

Learn more at [utrisha.corteva.ca](https://utrisha.corteva.ca)

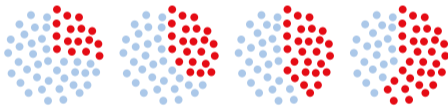
### How Utrisha™ N works

The natural bacteria colonize within leaf tissue, fixing nitrogen from the air and converting it for the plant.



Nitrogen is a primary macronutrient affecting yield and plant health in most crops - it directly increases the protein content of plants.

Conventional nitrogen fertilizer continues to be a critical component of a successful nitrogen program, but it can be subject to loss, varying from 25-60%<sup>1</sup> depending on environmental conditions.



80 LBS/AC Application rate  
**\$1,100/MT**  
average cost of nitrogen fertilizer<sup>2</sup>

120 LBS/AC Application rate  
**\$1,100/MT**  
average cost of nitrogen fertilizer<sup>2</sup>

Based on 25% nitrogen fertilizer loss.

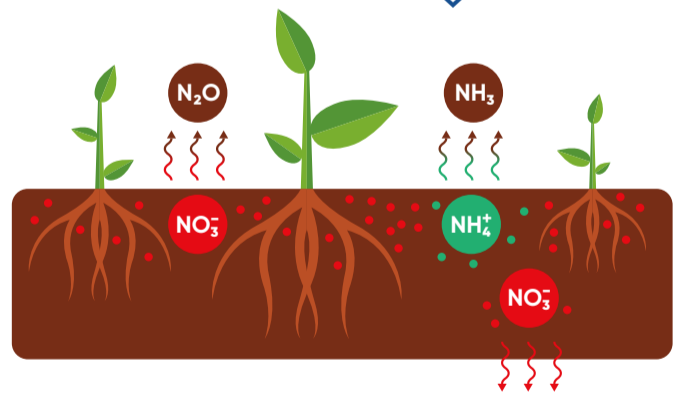
**\$21.71/acre**  
of fertilizer lost to the environment

**\$32.44/acre**  
of fertilizer lost to the environment

Nitrogen is lost to the environment through leaching, volatilization, and denitrification.

Nitrogen fertilizer also contributes to climate change as bacteria in the soil convert NO<sub>3</sub><sup>-</sup> to N<sub>2</sub>O (a potent greenhouse gas) through denitrification.

Learn more about the factors influencing nitrogen loss at [nitrogen.corteva.ca](https://nitrogen.corteva.ca)



Utrisha N is a sustainable, alternative source of nitrogen that reduces dependency of nitrogen uptake from the soil.



Registered for use on many crops, including canola, corn, and wheat.



Enhances plant growth and resilience by improving season-long nitrogen availability.



Easy to incorporate into your farming system.  
• Standard spray equipment  
• Tank-mix flexibility



Maximizes crop potential, offering proven predictable performance.

#### References

- Cassman, K.G., Dobermann, Walters, 2002. Agroecosystems, Nitrogen-Use Efficiency, and Nitrogen Management. Agronomy & Horticulture – Faculty Publications. Paper 356.
- Urea (46-0-0) as of December 31, 2021.