

Novurea®

WORLDWIDE APPLIED, WORLDWIDE TESTED, WORLDWIDE SUCCESSFUL



Your investment in nitrogen delivers the maximum benefit to crop growth.



UNIFORM DUSTFREE GRANULE

MORE STRUCTURE AND PROTEIN IN PASTURE

A HIGH EFFICIENCY OF NITROGEN USE

WITH ONE FULL SPREADER, MORE HECTARES APPLIED



www.novurea.eu



Novurea, worldwide applied, worldwide tested, worldwide succesful

Dairy farmers who want to produce more milk from their own land apply fertilizer with precision. They choose a nitrogen fertilizer which can be best absorbed by the crop and efficiently turned into yield. Novurea or Novurea+S is spread over more than 150,000 hectares of pasture land annually. Trial fields and independent test results confirm that Novurea performs in line with growers' expectations.



	Novurea	Novurea+S
Total Nitrogen:	46%	38%
Urea:	46%	31%
Ammonium:	-	7%
Sulphur (SO3):	-	18%
Urease inhibitor:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Color:	Green	Green

Urease inhibitor stabilizes urea

Every soil contains the enzyme urease. As soon as urea is applied this enzyme breaks down urea into ammonium. During this conversion there is a local increase in the pH around the granule. If this pH level exceeds 7, part of the ammonium formed is converted into ammonia gas which evaporates, or in other words volatilizes. The degree of volatilization depends on the soil pH, temperature and moisture. Under North European conditions the volatilization is on average 26% for surface application.

Novurea, nitrogen delivers maximum benefit to crop growth

A urease inhibitor prevents this volatilisation. Novurea is urea that has been treated with a urease inhibitor (NBPT). As soon as Novurea is applied the urease inhibitor delays the conversion of urea into ammonium. As a result, the pH around the granule stays below pH 7. The minimal pH rise means that the nitrogen stays in the stable ammonium form which does not volatilize. More nitrogen is available for crop growth. Your investment in nitrogen delivers the maximum benefit to the crop growth and limits the environmental impact too.

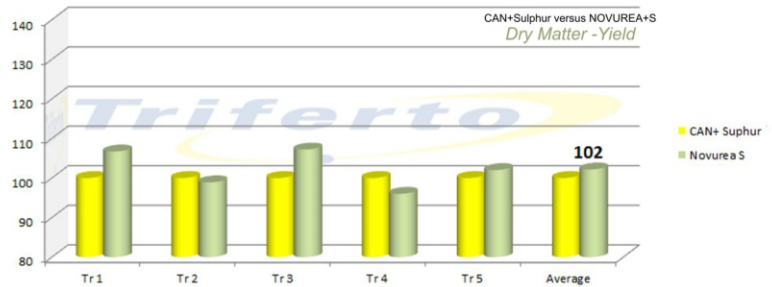
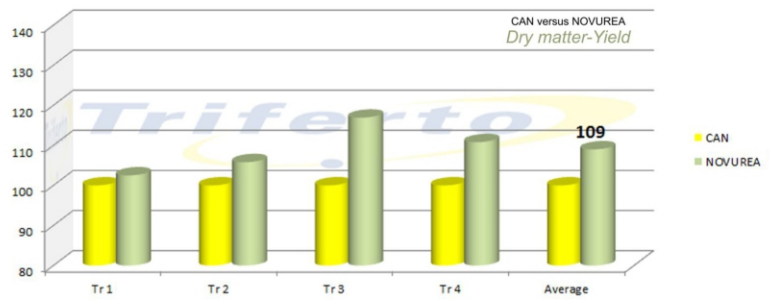


! Your investment in nitrogen delivers the maximum benefit to crop growth.



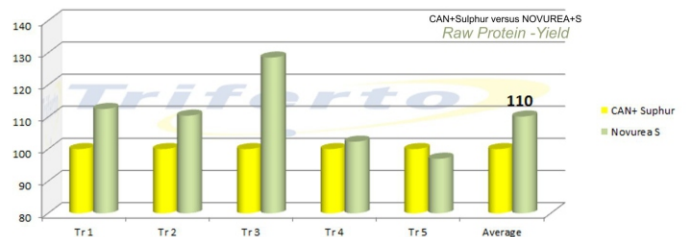
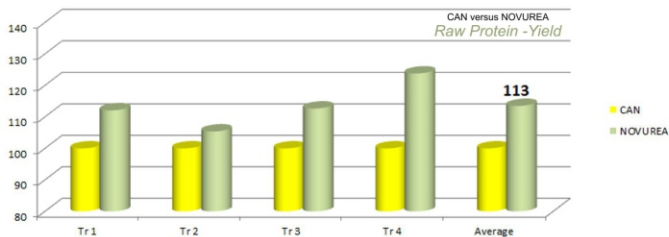
Long-term pasture trial fields: CAN versus Novurea

Since 2011, pasture trial fields are set up every year on behalf of Triferto, comparing the effect of nitrogen fertilizer Novurea and Novurea+S on pasture land with CAN (sulphur). The purpose of the research was to determine if use of Novurea or Novurea+S on pasture land leads to a higher yield and quality compared with CAN (sulphur). The results show that Novurea makes a positive contribution to a higher dry matter yield.



Novurea, conspicuously more raw protein in pasture

In most cases a higher dry matter yield is only desirable if the nutritional value is also good. According to long-term research, Novurea and Novurea+S assure an increase in the raw protein content in pasture. Nutritional value analyses are carried out by Eurofins Agro.





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Triferto, international fertilizer wholesaler

Triferto is an international wholesaler of mineral fertilizers. We offer innovative solutions and our expertise goes into fertilizers such as Novurea. We help crop growers use mineral fertilizers in an economically viable and environmentally-friendly way and as such contribute to sustainable agriculture.



Are you familiar with Novurea?

Novurea is a fertilizer containing 46% nitrogen. The green granule is treated with a urease inhibitor, keeping unwanted nitrogen loss to a minimum. As a result, your investment in nitrogen delivers the maximum benefit to crop growth. Novurea is worldwide applied, worldwide tested and worldwide successful.

www.novurea.eu

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