

Nova Optimizer reduces nitrate leaching and provides 15 % more nitrogen for crops



Reduced nitrogen loss

Examination of slurry samples shows that the nitrogen content is higher in slurry with NovaOptimizer added.

The higher content is due to reduced evaporation of nitrogen, which is therefore retained in the slurry. At the same time, there is also reduced evaporation of other gases from the slurry.

Less leaching into deeper layers

Experience also shows that when NovaOptimizer is added to the slurry, there is a significant reduction in leaching to deeper layers. In the worst case, slurry that has not had NovaOptimizer added can penetrate all the way down to the groundwater.

Using NovaOptimizer can therefore make more efficient use of the slurry and contribute to a better environment.

It has also been established that 15 per cent less nitrogen from artificial fertiliser can be used when applying slurry with NovaOptimizer added.

Generates financial savings

NovaOptimizer can therefore help to improve nitrogen efficacy on the fields, resulting in savings on artificial fertiliser and less nitrate being lost through leaching.

These findings are fully in line with the objectives set for reducing CO₂ emissions.

NovaOptimizer offers multiple benefits

There are several products on the market capable of reducing nitrate leaching. NovaOptimizer stands out by offering even more benefits, however.

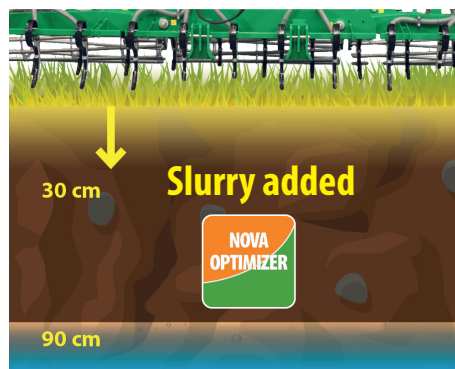
It also reduces ammonia vapour emissions from slurry by 30 per cent, and odour emission in livestock housing units by 26 per cent.

In addition, the product binds 1.2 kg more nitrogen per tonne of slurry when used in the housing units. On top of that, during spreading, there is an additional 15 per cent fertiliser value.

A mighty problem solver

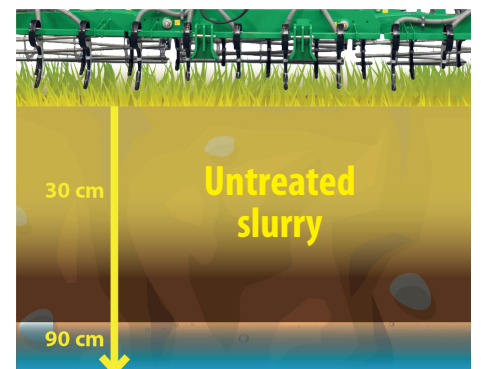
Adding NovaOptimizer to the slurry makes it possible to create a better environment in the housing units, increase the fertiliser value in the slurry, reduce leaching to deeper layers – all while contributing to a better environment. And, last but not least, the investment is low.

Slurry with NovaOptimizer added



Experience shows that adding NovaOptimizer to slurry can reduce nitrogen leaching to deeper layers.

Untreated slurry



Untreated slurry penetrates deeper into the soil and, in the worst case, can contaminate groundwater.