

novoDYN®

New trace element compound to greater yields



The TRGS-compliant trace element mixture from Kanadevia Inova Schmack

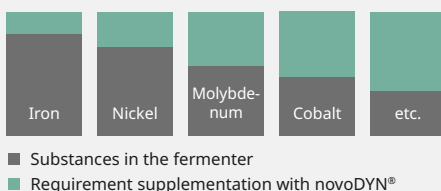
An optimised version of our well-known product, novoDYN® is the universal key to optimised digester biology. In addition to trace elements, the mixture contains the iron oxide necessary to bind the sulphur and prevent corrosion in the digester. Suitable for plants of all types, the unique all-in-one solution guarantees stable processes and represents impressive value for money. The mixture complies with the new TRGS 529 rule and is not a hazardous substance. In the optimised version, the content of all trace ele-

ments, especially nickel, has been increased. This allows a lower dosage. novoDYN® is the culmination of our many years of expertise in managing the microbiology of our customers' plants. The product is available in digestible 25 kg and 10 kg bags.



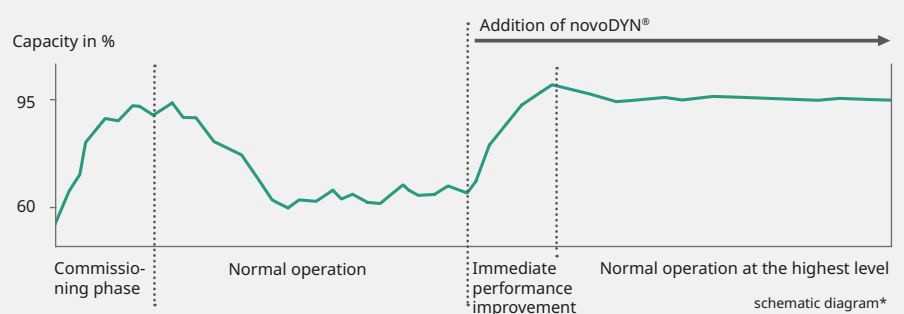
Optimal provision with novoDYN®

Requirement standard



Schematic diagram*

Improved capacity utilisation with the addition of novoDYN®



Why trace elements?

Bacteria produce enzymes to break down biomass. For this enzyme production and also for their own reproduction, the bacteria need trace elements. These must be continuously fed into the fermenter. To ensure an efficient biological process, the balance of each relevant trace element is necessary.

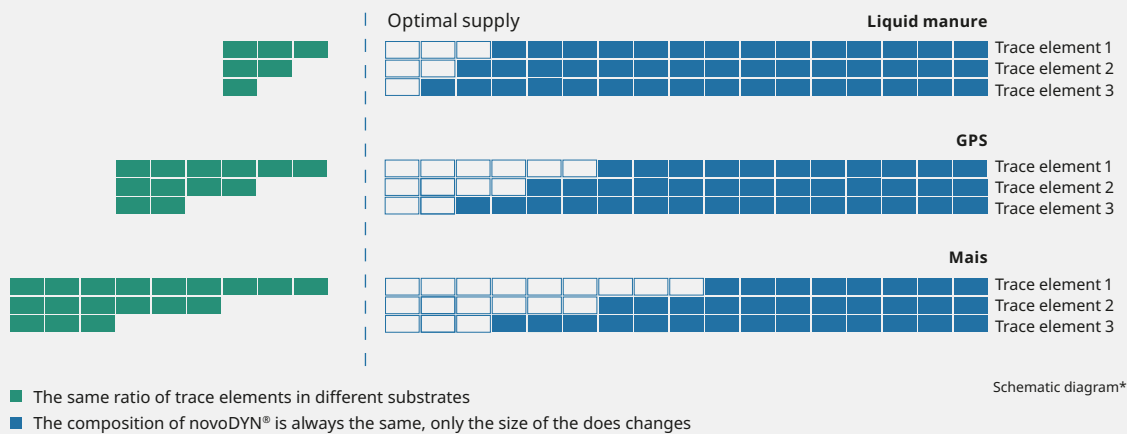
Why novoDYN®?

Performance decline in biogas installations is frequently due to an insufficient supply of trace elements. novoDYN® helps to rectify deficiencies in the fermenter and to increase performance levels.

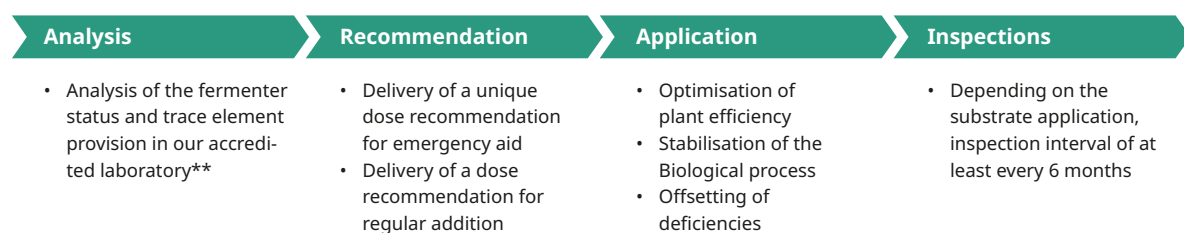
Why does novoDYN® work with every substrate compound?

Extensive series of tests in our own accredited laboratory have shown that the ratio of individual trace elements in the various feedstocks is almost always the same. novoDYN® is the key to supplementing the trace element content in the digester as required and can be flexibly dosed depending on the substrate used.

The novoDYN® key works with every substrate compound



What is the process?



Good reasons to choose Kanadevia Inova Schmack

The figures speak for themselves: around 100,000 digester state analyses, 3,000 satisfied customers, 200 customers receiving microbiological support, 20 years of experience in microbiology, accredited lab of our own.**

* The graphics and calculations shown here are schematic, are intended merely as examples, and may vary considerably depending on the plant dimensions.

** Applies only to the inspection process laid out in the accreditation certificate.



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