NovaFerm® Multi

Indispensable in a water protection area and in modern agriculture

BIO

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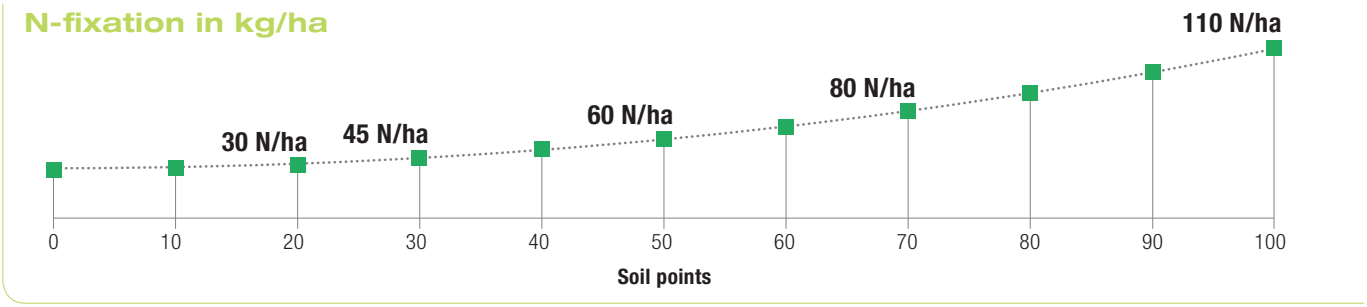
AGROSOLUTION Die Pflanzenernährer

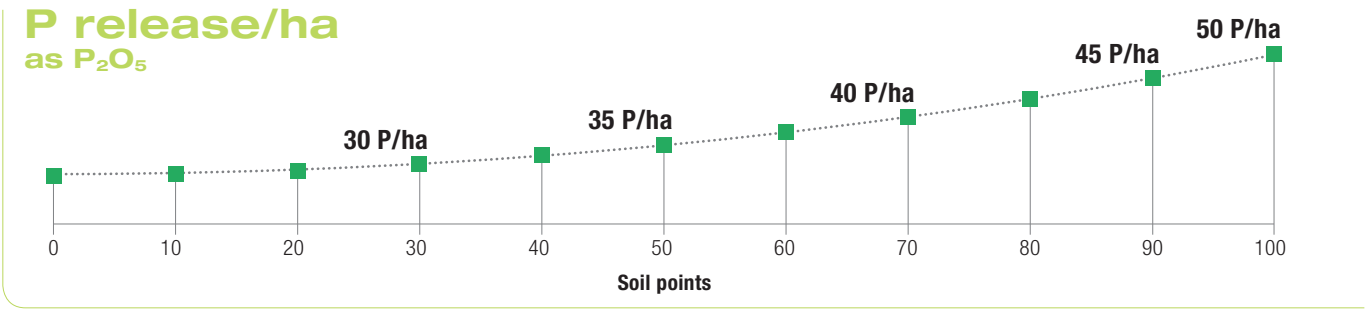
NovaFerm® Multi

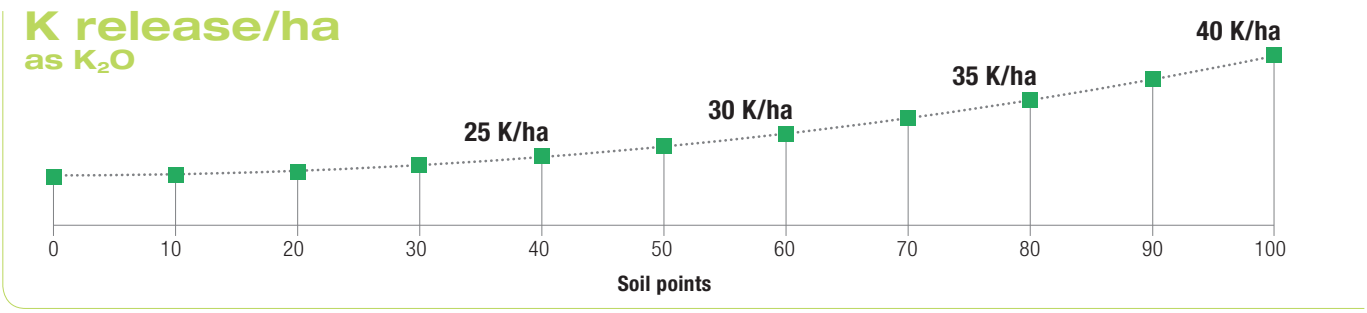
- **It binds nitrogen from the air** and stores this in the ground in an organic form available to the plants, which does not wash out.
- It makes nutrients, e.g. phosphorous and potash, which are fixed in the soil, **available to the plants**.
- **It decays and breaks down crop remains**, including the fungal spores and pathogens contained in it.
- It increases **humus content, soil health** and **pH value** and encourages earthworms.
- **It increases the health**, quality, root growth and **yield** of the plants
- **When applied regularly,**it increases and maintains **the pH value of the soil**.

- Depending on soil quality, the following amounts are fixed with 10 l/ha **NovaFerm® Multi**:
  ø 80 kg/ha N*,
  ø 40 kg/ha P_2O_5* ,
  ø 30 kg/ha K_2O* available to the plants.

Indispensable in a water protection area







* Mean value over 5 years of soil analysis prior to sowing and after harvesting (Slovak University of Agriculture in Nitra, SK)

Application

Autumn

Spray 10 l/ha **NovaFerm® Multi** , with 200 - 300 l/ha water, on the straw of the early fruit and on the soil, or apply together with liquid manure.
By virtue of the resilience and durability of the constituents to sunlight and their tolerance of high and low temperatures, it can be worked into the soil several days later. It is therefore easy to apply in combination with the usual agricultural techniques and processes.
Nitrogen from the air is bound with the carbon in the straw and this destroys fungi and pathogens!

Spring

And/or spray 10 l/ha **NovaFerm® Multi**, with 200 - 300 l/ha water, **on the soil** before sowing and work into the upper layers (5 - 10 cm) of the soil. This reinforces the effect of the autumn application, in particular as far as the crop capacity of the plants is concerned!

Before which cultivation processes is NovaFerm® Multi applied?
NovaFerm® Multi is used before sowing all agricultural and special crops. NovaFerm® Multi can be used in both conventional and organic farming.

Plant health starts from the soil.

Benefits

- Application of bacterial spores, which are not activated until the soil is worked.
- **UV resistant** and not light-sensitive
- Tolerant to high and low temperatures
- Can be mixed with herbicides
- **Not harmful to bees**
- **Not declarable** in the fertilisers balance sheet

Results
Healthy plants and good yields

Results

from NovaFerm® Multi-Application

Composition:
natural bacterial cultures
(Azotobacter vinelandii, Azospirillum lipoferum, Bacillus subtilis, Bacillus megaterium)

NovaFerm® Multi
has a positive effect on soil processes with the help of bacteria, which are located in the root zone of plants. Root development is promoted and nutrient supply is improved. Stabilising the flora in the soil boosts the plants' resistance to fungal diseases (in particular Fusarium) and mycotoxin contamination of the crop is greatly reduced.

Improvement in the nutrient supply throughout the entire growing season increases crop yield, quality and constituents (e.g. starch content, protein content)!

pH value: 6.5 - 7.5
Density: 1.02

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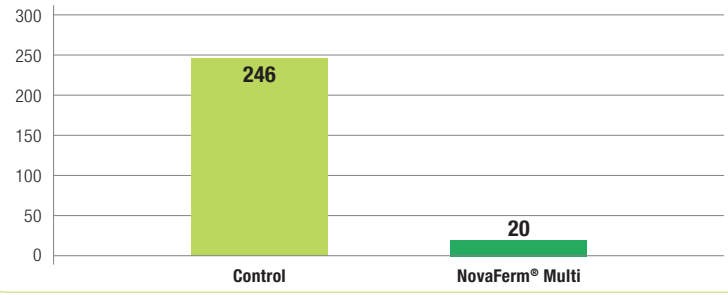
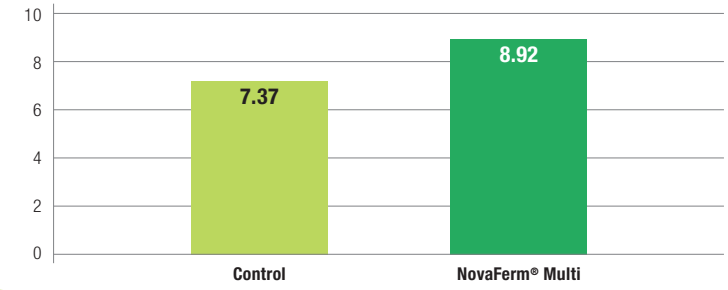
MAIZE Field Trial

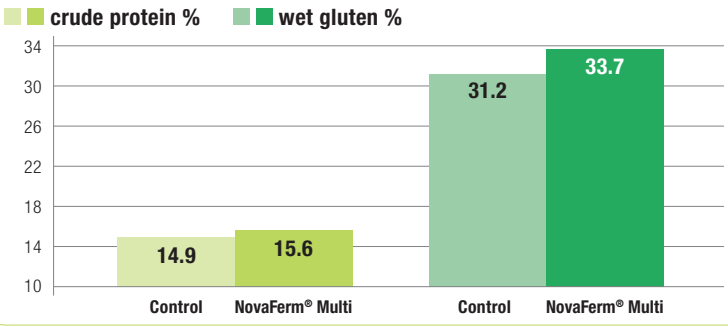
Mykotoxin (ppb) Toxin: zearalenone (F2) mykotoxin



Yield (t/ha) NPK (control, 200 kg/ha), NPK + NF (200 kg/ha + 1 x 10 l/ha NF)



CEREALS Field Trial



Yield (t/ha) N (Control, 200 kg/ha CAN27%N), N + NF (200 kg/ha CAN27%N + 1 x 10 l/ha NF)