

► Stabilize ammonium nitrogen ► Optimize plant availability ► Protect environment

Stabilize nitrogen - maximize fertilizer effect

With our **DMPP-based nitrification inhibitor**, you can effectively stabilize the nitrogen from your liquid manure. GÜLLEMAX N-FIX **slows down the activity of soil bacteria (Nitrosomonas bacteria)** and thus delays the conversion of ammonium into nitrite.

The **ammonium nitrogen applied remains stable and available to plants for up to 14 weeks**, depending on the soil temperature and soil type, resulting in consistently vigorous plant growth and improved crop quality.

Composition

5 % 3,4-dimethyl pyrazole phosphate

pH value: 5

Specific weight: 1,1 kg/l

Recommended application rates

Grassland: 4-5 l/ha for the first and optionally for the second fertilization.

Field crops (cereals, maize, rape, sugar beet, potatoes): 5-6 l/ha

Application

GÜLLEMAX N-FIX can be mixed in undiluted during slurry tanker loading by means of a bypass or suction nozzle.

Packaging units

Canister 20 l; 24 x 20 l / Pal.



Simple and time-saving, top combination

GÜLLEMAX N-FIX is **easy to use** and can be added directly to the slurry tank **using a bypass**.

To further increase the fertilizing effect of your farm manure and ensure the availability of nitrogen for your crops over a longer period of time, we recommend **combining GÜLLEMAX N-FIX with our high-performance liquid**

nitrogen fertilizer POWER-N. POWER-N (27% nitrogen, 3% sulphur) provides an optimum boost, especially if your liquid manure has a low nitrogen content. This combination not only improves the nutrient supply, but also reduces the need for additional fertilizer applications.

Protects the environment & increases the efficiency of nitrogen use

The use of the nitrification inhibitor GÜLLEMAX N-FIX makes a significant contribution to environmental protection. By effectively slowing down the conversion of ammonium into nitrite, you **reduce nitrate leaching** into the groundwater **and the emission of nitrous oxide** into the air.

Another important aspect is the improvement of nitrogen use efficiency (NUE). This means that a greater proportion of the nitrogen applied is absorbed and used by the plants, which is reflected in their healthy and vigorous growth.

