



**Nitrogen stabiliser for farm slurry and biogas digestates.  
Facilitating higher yields while reducing cost and time inputs  
and enabling more environmentally responsible fertilisation.**

# PIADIN®

## Type of product

Solution with combination of active ingredients

## Technical data

pH value 6-7

Specific gravity approx. 1.27kg/l

Start of crystallisation approx. -20C

## Pack sizes

20 L

200L

1000 L IBC

## YOUR BENEFITS WITH PIADIN®

- >> Increased yields by up to 11%
- >> Increase in N efficiency
- >> Reduced risk of loss through leaching
- >> Reduce N<sub>2</sub>O emissions by 75%
- >> Improved N balance
- >> Early clearing of slurry store
- >> Less dependent on weather
- >> Guaranteed high and reliable brand quality from Piesteritz
- >> Less than 17p per MT of slurry/digestate



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# PIADIN®

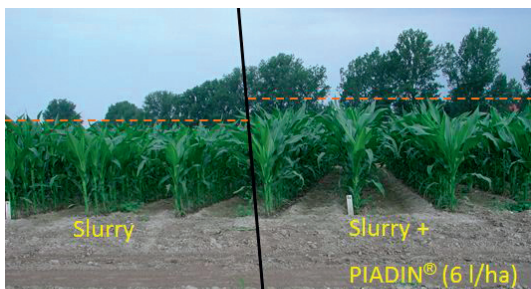
## Use

PIADIN® is a nitrogen stabiliser for liquid manure. It acts as a retardant in the soil for the conversion of ammonium nitrogen to nitrate nitrogen. This reduces the nitrogen losses and so, by supplying nitrogen in the way it is required, it achieves better utilisation of the nitrogen for the plants. The effect of PIADIN® allows for part applications of liquid manure to be applied together, and so combine their application effect, such as in the early part of the year.

## Application technique

PIADIN® is applied mixed with the organic fertiliser. Mixing takes place in the storage container or in the liquid manure drum, immediately before application. If PIADIN® is mixed into the storage container; this manure mixture is to be applied within one week. If it is mixed into a pumping or vacuum drum, care must be taken to ensure satisfactory mixing. Depending on the technique, this can be done by the addition of PIADIN® during the filling process, stirring by means of a circulation pump, or introduction via the suction hose or with the aid of a metering device (bypass).

- Mix it
- Inject it
- Spray it



### Yield (Maize):

slurry	8.83 t/ha	9.76 t/ha
biogas residues	9.40 t/ha	10.00 t/ha

Slurry application: March 19<sup>th</sup> 2009, 160 kg N/ha (NH<sub>4</sub>-N) sowing of maize April 22<sup>nd</sup> 2009



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