

# Penergetic-g

## Turn liquid manure into a valuable fertiliser

- Homogenous slurry
- Reduced odour
- Breakdown of sedimentation and floating layers
- Economical and without chemical additives
- Registered and certified product

See for yourself!



# Penergetic-g

## **The Ramseyer family business**

*Large-scale dairy production*



The Ramseyer brothers run one of the biggest dairy farms in Switzerland. They carried out a trial with Penergetic-g because the slurry had solidified despite the most vigorous stirring.



**Results:**

- **The floating layers dissolved**
- **Annual stirring time could be reduced from 720 hours down to 150 – 200 hours max.**



The slurry comes alive. Micro-organisms are activated – bubbles are clearly visible. The free-flowing slurry is easy to process, valuable nutrients become available.

## **Piggeries without irritating smells**



The Stoller family has been successfully using Penergetic-g for 3 years.

**Results:**

- **Aerobic slurry is more valuable**
- **Reduces unpleasant odours**
- **Improved living conditions for the animals**
- **Reduced groundwater pollution**

## **More pleasant stable climate**



Farmer Valenko used Penergetic-g for 5 months on his 40-hectare farm. Number of sows: 80 plus approx. 1,700 piglets

**Results:**

- **The slurry is more free-flowing**
- **The slurry structure is more homogenous**
- **Unpleasant odours have almost completely disappeared**

*Setting healthy cycles  
in motion*



## Good results for dairy farm

Farm data:

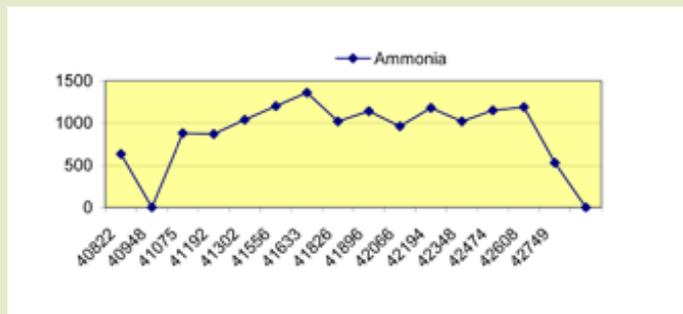
600 dairy cows, of which 350 being milked

700 acres = 280 ha

### Results:

- **The slurry was free-flowing, there were no sediments**
- **Evidence of micro-activity was detectable**
- **More even distribution of nutrients**

The table shows that the ammonia content of the slurry could be lowered successfully.



The slurry in the lagoons was stabilised.

## Penergetic-g

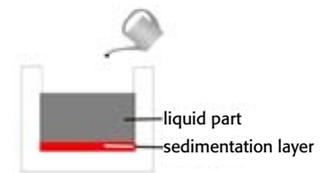
for the optimal treatment of slurry and liquid manure

Licensed according to EU-regulation 834/2007  
OMRI listed

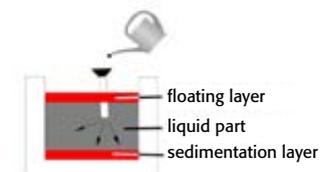


### Areas of use

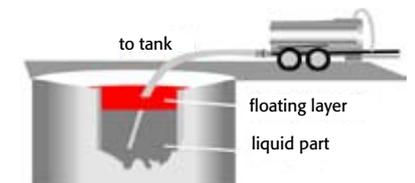
- Slurry channels without floating layer



- Slurry channels with floating layer



- Slurry lagoons
- Slurry pits and retention channels



### Initial use

Mix 2 kg Penergetic-g per 100 m<sup>3</sup> of existing slurry with water into the liquid part of the slurry.

### Regular use

1st year: 10 g / LSU per week; from 2<sup>nd</sup> year: 5 g / LSU per week or 1 kg per 100 m<sup>3</sup> newly piled up slurry.

**The dosages** are very small and therefore economic. Costs, labour and energy consumption can be reduced.

**Penergetic-g**

for all types of slurry and combinations of cattle and pig slurry

**Penergetic-g for Pig Slurry**

Ideal for use with pig slurry

**Penergetic-g for Duck Slurry**

For use with duck and turkey manure



These products are available in package sizes of 2 and 10 kg.

**Areas of use**

- Lagoons
- Channels
- Pits

**Slurry is a valuable fertiliser**

The Schlunegger family produces goats' cheese and alpine soft cheeses. The farm is approximately 50 ha in size. They keep about 200 goats, 80 fattening pigs and 20 cattle. Thick floating layers on the slurry leave it airtight and stop the necessary oxygen supply, preventing microorganism-activity from taking place.



Only with the use of Penergetic-k could the thick floating layer be dissolved.

- **Slurry becomes free-flowing and homogenous**
- **Oxygen is activated**
- **Microorganisms are active**
- **Unpleasant odours are reduced to a minimum**

**Results:**

- **Degradation of organic material is accelerated**
- **The floating layer dissolves**

**Bring life back into your slurry**



*Our full product range*



- Penergetic-k** for compost
- Penergetic-g** for slurry
- Penergetic-t** for animals
- Penergetic-w** for water
- Penergetic-p** for plants
- AquaKat** for water vitalisation

**AQUAKAT**



**In agriculture it is advisable to optimise the various interlinked processes.**

If, for example, nutrients in the slurry become available again for plants, their nutritional value improves, which in turn, directly benefits the animals' well-being through feeding. Using feed additives and purified water can further enhance their vitality. In this way a stable living environment is achieved and some of the daily workload and costs can be reduced.

***If you have questions***

regarding the Penergetic product range please contact your Penergetic representative. You can find further information and more examples of practical use on our website.