

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

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

penergetic

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

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.

Production: Penergetic Int. AG, 8592 Uttwil, Switzerland
 info@penergetic.com

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!



www.penergetic.com

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.

*Setting healthy cycles
in motion*

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



Good results for dairy farm

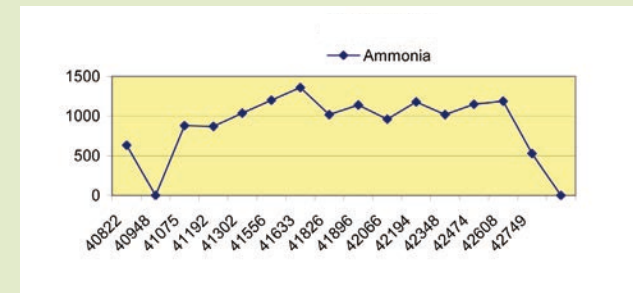
Farm data:

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.

Holistic thinking with penergetic[®]

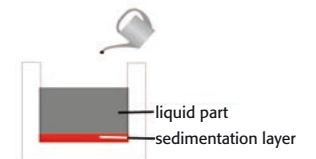
Penergetic-g for the optimal treatment of slurry and liquid manure

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OMRI listed

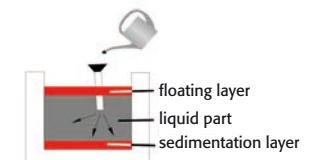


Areas of use

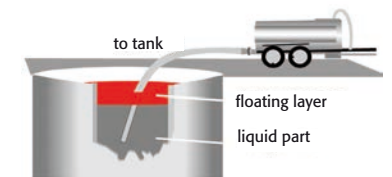
- Slurry channels without floating layer



- Slurry channels with floating layer



- Slurry lagoons
- Slurry pits and retention channels



Initial use

Mix 2 kg Penergetic-g per 100 m³ of existing slurry with water into the liquid part of the slurry.

Regular use

1st year: 10 g / LSU per week; from 2nd year: 5 g / LSU per week or 1 kg per 100 m³ newly piled up slurry.

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