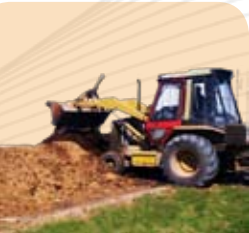






Penergetic products improve and support weakened environmental processes with lasting stability. They do not just deal with symptoms, but go right to the root cause of the problem. Lasting stability can only be provided by healing our environment in its entirety.





Penergetic-k

Optimized
Composting

Effects in the stable

- Good stable climate
- Reduction of unpleasant odours

Effects on the soil

- Accelerated rotting
- Activation of soil life



Penergetic-g

Turn Liquid Manure
into a Valuable Fertilizer

- Homogenous slurry
- Reduced odour
- Breakdown of sedimentation and floating layers
- Economically and without chemical additives



Penergetic-t

Successful Animal
Husbandry

Single feedstuff

- Add to dry and liquid feed
- Easy application
- Minimal doses



Penergetic-p

Plant Tonic for Effective
Plant Cultivation

- Yield increase
- Better plant quality
- Increased root growth
- Reduction in fertilizer use
- Low costs, easy application



AQUAKAT®

Holistic
Water Vitalization

- Spring water quality from your tap
- Suitable for home, agriculture and industry
- Maintenance-free

All products are registered and certified

In Harmony with Nature!



Successful Animal Husbandry

- Single feedstuff
- Add to dry and liquid feed
- Minimal doses
- Better conditions of livestock
- Increases immune system of animals

Registered and certified product ISO 22000

Carrier Material

Calcium Carbonate

Dosage

Cattle	1gr per day and LSU
Pigs	50gr per ton of liquid feed or 100gr per ton of dry feed
Poultry	60 – 120gr per ton of feed
Horses	0.5 – 1gr per 100kg live body weight /day
Sheep/goat	1gr per day and LSU

Please note

Penergetic-t is not a substitute for veterinary measures.



Condition of Hind Leg



Without Penergetic-t



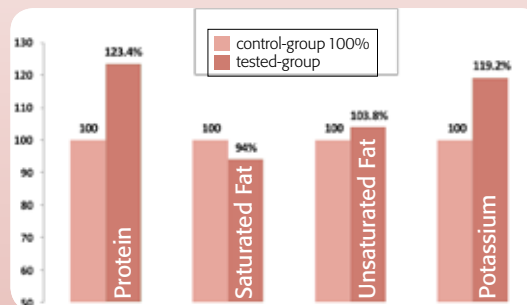
With Penergetic-t
More firm and grayish pink

Condition of Hind Leg

	Protein	Saturated Fat
Control (A)	14.73%	37.92%
Test (B)	18.18%	35.57%

	Unsaturated Fat	Potassium
Control (A)	62.08%	2,344 ^{ms} mg/kg
Test (B)	64.43%	2,795 ^{ms} mg/kg

Comparison (B/A) %



Mastitis



Application: 2gr per day per cow.

Results

Income	Before		After	
Production	200.00	kgs/day	525.00	kgs/day
Average milk/cow	10.00	kgs/day	15.44	kgs/day

penergetic[®]k

Optimized Soil Treatment

Effects in the stable

- Good stable climate
- Reduction of bad odours
- Easier mucking out

Effects in the soil

- Accelerated rotting
- Activation of the soil life

Registered and certified product

Carrier Material

Bentonite
Molasses

Bentonite

Compost: 40gr / m³
Stables: 3 - 6gr / m²
Soil treatment: 300 - 500gr / ha

Molasses

100ml per hectare mixed with spray products

Soil Improvement with Penergetic-k

Scheme: Penergetic-k 300gr /ha, 2 times Penergetic-p 100ml/ha

Control field

Penergetic-k-Treatment



Effect of Penergetic-k – Starting of the Rotting Process



Problem with rotting process



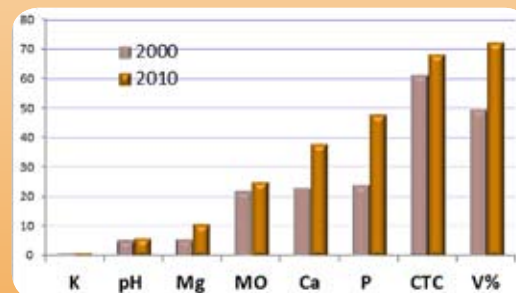
Winter wheat yield - 7,9 mt/ha.
Situation after two times of tillage.

Soil Activity



Fertile Soil with 300gr / ha Penergetic-k

Evolution of Fertility 2000 until 2010



Better Germination and Stronger Roots





Plant Tonic for Effective Plant Cultivation

- Yield increase
- Better plant quality
- Increased root growth
- Reduction in fertilizer

Registered and certified product

Carrier Material

Bentonite

Molasses

Agriculture General

- 200gr of Penergetic-p per hectare (Bentonite)
- 60 – 80ml Penergetic-p molasses per hectare (Molasse)

Domestic

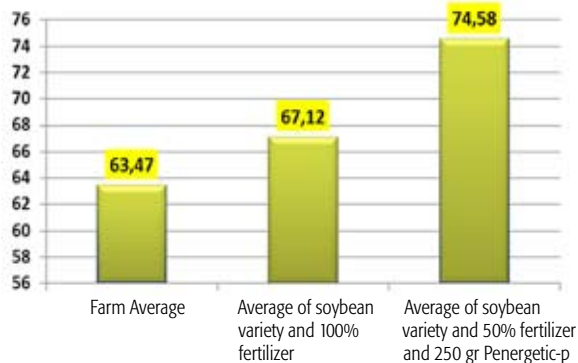
2gr of Penergetic-p per 10lt of irrigation water

House and tub-, garden-, balcony plants...

Spray Scheme

Soja, coffee, vegetables, cereal, potato, corn, fruit growing, rap seed, rice, viticulture, tabaco, pasture,

Germination 2011/12



Soybean



Without Penergetic-p



Application 250gr/ha Penergetic-p

Orchid – Fresh Color and Early Blossom



Control



Test: 2gr / 10lt Penergetic-p



Rice-Treatment



Application:
1 x 500gr/ ha Penergetic-k and 2 x 200gr/ha Penergetic-p



penergetic[®] 9

For the Optimal Treatment of Slurry and Liquid Manure

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

Registered and certified product ISO 22000

Carrier Material

Calcium Carbonate

Initial use

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

Regular use

1st year: 10gr / LSU per week;

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

Pig Slurry – Comparison



- Reduced unpleasant odours by 80%
- Much less cough and red eye (hyperemia)
- Red eye: control group (80~90%), test group (10~20%)
- Decreased pig mortality



Slurry is a Valuable Fertilizer

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

Application

2kg / 100m³ Penergetic-g
Additional treatment with 2kg Penergetic-k on the floating layer.

Results

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

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

Areas of use: Lagoons, Channels, Pits



AQUAKAT®

Holistic Water Vitalisation

- Spring water quality from your tap
- Easily fitted
- Maintenance-free
- Works without chemicals
- Suitable for home, agriculture and industry



Scientific Test

Vitamin C 10mg / ml, dissolved in distilled water

Control

Treated with AquaKat



The formations appear considerably clearer, more structured and higher in contrast than without the Kat. Crystal formation is very close to an ideal shape.

Mineral rich Tap water

Control

Treated with AquaKat



The large mineral pieces have disappeared and the white foreign substances have also dissolved. The average diameter of the lime species is now only 0.02mm.

Scientific Conclusion

The most important aspect for water vitalisation, is the holistic information of the water components, resulting in change in the structure of the crystal formations. For aqueous systems, where orientation and possibly double refraction of the dissolved substances are vital characteristics, the beneficial effects of the tested AquaKat are reproducibly demonstrated.

The user will see the following:

- Lime no longer adheres as strongly to surfaces
- The lime crystal species that form have become smaller
- Improved cleansing and detoxification capabilities of the water can be achieved
- The AquaKat-energised water is more easily assimilated by the organism

The AquaKat®

is a physical water vitalisation device, which works as a type of signal emitter (catalyst). The AquaKat passes the frequency patterns, that it has been charged with, onto the water. This brings the passing water into resonance and changes its molecular behaviour in such a way, that its properties resemble those of spring water.

Performance of Devices

Device type	Water volume
AquaKat S	approx. 100 litres/day
AquaKat M	approx. 750 litres/day
AquaKat Flow*	approx. 1,000 litres/day
AquaKat L	approx. 3,000 litres/day
AquaKat XL	approx. 6,000 litres/day

*(to be fitted inside the water pipe)

Performances were determined at a water pressure of 4.5 bars in a galvanised 1-inch pipe at medium water hardness.



Lime: Before and after 10 weeks



Resolve a chalk problem

