



## Anwendungsbericht/User Application Report

**Produkt/Product:**

penergetic g

**Anwender/User:**

Ueli Keller  
Zielschlacht/Switzerland

**Fachberater/Consultant:**

Fa. Walser & Co. AG, Switzerland  
Kurt Item

**Datum/Date:**

2011

---

### Application on long straw in Switzerland

The 40 cows on Ueli Keller's Swiss farm are kept in a barn in which the cubicles are strewn with relatively long straw. The rotting of long straw is much more time-consuming than the rotting of short straw because the straw is not split. We were naturally very curious about the effect of penergetic g.

In addition to the long straw, which is difficult to rot, there is a cross channel on the farm, which can only be drained using a rinsing process with the slurry barrel.

### Success with the rotting of long straw

Application

- from 11.7.2011 weekly 500grs penergetic g or 12grs per LSU

Just 4 weeks after the start of treatment, the first bubbles were arising in the slurry pit. Mr. Keller told us that he had never seen this in his pit, although he had already used slurry-processing agents before. Thus, with the product from Penergetic Int. AG, we helped to bring the rotting bacteria to an enormous activity and were able to achieve a first success after only 4 weeks.

On August 20, Mr. Keller explained that the flowability in the canals had improved considerably! In addition, the smell of ammonia in the barn has also been reduced, which is of course good for the animals and the farmer. This is due to the use of penergetic g.

The ammonia of the fresh manure and the air oxygen chemically unite. This, in turn, leads to more ammonium in the liquid manure. In these times, this is an essential advantage, because in many cases, due to the nutrient balance, the farms often must not buy artificial fertilizers in addition.

At the end of September 2011, Mr. Keller told us that the slurry was much more homogeneous and flowable during spreading and that the smell was less. This is a proof that within 3 months using penergetic g we achieved a faster and better rotting of the long straw and the slurry. Thus, the basic product liquid manure could be upgraded to a high-quality fertilizer.

### Conclusion of the test

- Rotting of longer straw is possible
- Better flowability of the slurry
- Homogeneous, active slurry
- Less odour
- No burning of the plants when applied as fertilizer

### Condition of the slurry after 4 weeks and after 3 months of treatment

