



## FAQ



## What is penergetic p?

### 1. What are the effects of penergetic p?

penergetic p is used as a plant tonic. The programmed information boosts the plants, has a stabilizing effect on plant growth and strengthens the immune system of the plants. Additional information has a stimulating effect on microbiology in the root area and increase the plant's natural nutrient uptake.

### 2. How does penergetic p work?

Specific parts of oxygen, herb, mineral and trace element information are transferred to the product.

The information strengthens the plants' own regenerative powers, promotes root growth and plant health. This reduces susceptibility to diseases and pest infestation.

### 3. What is penergetic p used for?

penergetic p can be used for all types of plants.

- Please see the penergetic p application notes for more details.

### 4. Where should penergetic p NOT be used?

penergetic p must not be used for mushroom cultures since penergetic p inhibits fungal growth.

### 5. Can penergetic p be combined with penergetic b?

Combining penergetic b and penergetic p optimizes the effects. penergetic b promotes essential nutrients from the clay-humus complexes in the soil being dissolved that are otherwise not available to the plants, e.g. phosphorus. penergetic p promotes root growth and the plants' metabolism so that the increased availability of nutrients can be converted into increased productivity.

**After applying penergetic b it is necessary to wait for at least 10 days before penergetic p is applied.**

### 6. What can penergetic p be combined with?

With any substance that is related to plant application (fertilizer, fungicides, minerals, powdered rock etc.).

penergetic p can be mixed with other spraying agents (chemical or biological). In this way the effectiveness of these agents can be improved. It is necessary to monitor exactly to what extent these agents can be reduced, this should be carried out in several steps. However, the instructions from the manufacturers of the individual products must be adhered to.

**7. Will the plant still get a sufficient amount of nutrients after the amount of fertilizer has been reduced?**

Yes, because of the increased activity in the soil and of microorganisms, the plant will receive a sufficient amount of nutrients. However, a sufficient supply of the soil with humus or organic nutrients (slurry, compost) and also adjusted fertilization (NPK) needs to be ensured.

**8. What are the indicators for changes?**

During the first phase better root growth of the seedlings can be observed. Improved leaf development and faster growth can be another indicator.

Through analyses and various measuring parameters (e.g brix, nitrogen content...) more differences can be established.

**9. How can such a small amount per hectare be sufficient?**

For example: 250 g bentonite contains approximately 5.96 billion billions of particles. Each individual particle has been treated with the Penergetic technology and has thus an additional active property.

When the compost is spread (with water, dry or mixed with other substances) these particles are distributed across the area and form a "mesh" that will then pass on the effects to its surroundings.

**10. Is penergetic p in any way harmful to humans, animals or the environment?**

No, penergetic p is completely harmless to humans, animals and the environment.

## Carrier materials

**11. Bentonite**

Suitable for long-term activation. It can also be mixed with fertilizers and planting soil.

In addition, bentonite is a mycorrhiza stimulant and helps to bind toxins.

- Please see the safety data sheet (SDS) on bentonite for more details.

**12. Molasses**

penergetic p **molasses** – for rapid effects, suitable for mixing with liquid fertilizers.

- Please see the safety data sheet (SDS) on molasses for more details.

### **13. Can penergetic p molasses and bentonite be combined?**

Yes, we recommend a combined application. Molasses can be used as a rapid activator (starter) and bentonite for a long-term, sustainable activation of the plant.

- Please see the penergetic p spraying plans for more details.

## **Application of penergetic p**

### **14. Can penergetic p be mixed into the slurry in the pit before it is spread? If yes, how long in advance?**

If penergetic p is mixed into the slurry, it must be spread immediately. One option is to fill penergetic p into the pressure vessel before the slurry is added; in this way the product mixes directly with the slurry.

### **15. Can penergetic p be mixed and applied with other agents?**

Yes, penergetic p can be mixed with other agents. It is possible to mix it, for example, with pesticides, herbicides, insecticides and fungicides. Stir constantly and add the penergetic p powder.

### **16. Is it possible to dress seeds with penergetic p?**

penergetic p is perfectly suited to dressing seeds. Improved emergence and improved growth conditions can be observed. Mix in with the seeds when filling the seeder.

- Please see the penergetic p application notes for more details.

## **Dosage / timeline**

### **17. Dosages**

The spraying plans were calculated based on average values, individual applications may need to be adjusted.

- Please see the penergetic p application notes for more details.

### **18. Is penergetic p suitable for long-term use?**

penergetic p is not a fertilizer or replacement for nutrients; it is a supplement that does not have any unwanted side effects and can thus be used in the long term without hesitation.

### **19. Is it possible to use too much penergetic p?**

Yes, it is necessary to apply and dose the product carefully.

## Further product details

### **20. Which approvals have been granted?**

Penergetic Int. AG is ISO 22000 certified and registered with the following organizations: FIBL, InfoXgen, Bio-austria, IFOAM.

### **21. What is the shelf life of penergetic p?**

The powder lasts 5 years from the date of manufacture.

The molasses lasts 18 months from the date of manufacture.

### **22. Does the shelf life of other agents change if they contain penergetic p?**

Agents that contain bacteria must only be mixed with penergetic p just before they are applied. Otherwise the shelf life of other agents is not affected.

### **23. How should the product be stored?**

Dry and on wood. Can be stored in glass or plastic containers without losing its efficacy. The products should not be stored on metal and placed as far as possible from electromagnetic sources.

## Tips and tricks

### **24. How can the effects be enhanced?**

- By using the AquaKat for irrigation water
- By using additional Penergetic products

## Specialized products

### **25. Following specialized products are available:**

- penergetic p for fusarium  
Specialized product for fusarium
- penergetic p for foliage disease  
Specialized product for foliage disease
- penergetic p for wine  
Specialized product for viticulture
- penergetic p for potatoes  
Specialized product for potatoes

We offer further specific penergetic p products, please ask for details.