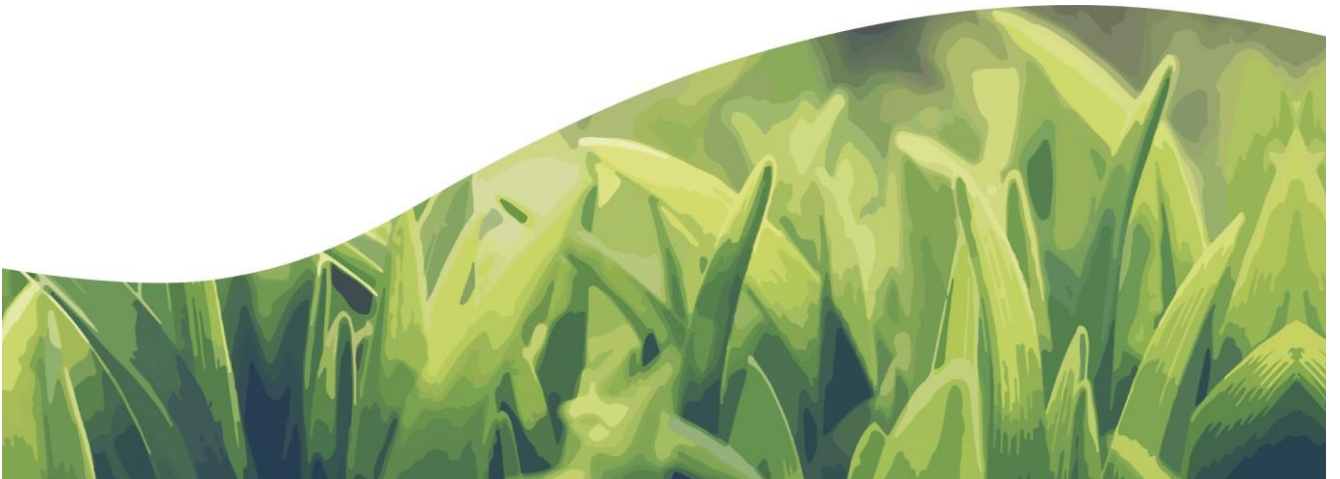




FAQ



What is penergetic p?

How does penergetic p work?

penergetic p strengthens the plants' own regenerative powers, stimulates root growth and promotes plant health, which reduces susceptibility to diseases and pest infestation. This results in improved yields, in terms of both quantity and quality.

What are the effects of penergetic p?

penergetic p is used as a plant tonic. It stabilizes plant growth and strengthens the plants' immune system. Furthermore, it has a stimulating effect on microorganisms in the root area and boosts the plant's natural nutrient uptake.

Where is penergetic p used?

penergetic p is used for all types of plants.

Where should penergetic p NOT be used?

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

Can penergetic p be combined with penergetic b?

By combining penergetic b and penergetic p, the effects of both products can be optimized: penergetic b helps in extracting nutrients, for example phosphorous, from the clay-humus complexes in the soil that otherwise would not be available to the plants.

penergetic p promotes root formation and metabolic processes of the plants so that the increased nutrient availability leads to increased productivity.

Please note: at least 10 days (ideally 30 days) must pass after the application of penergetic b and before penergetic p is applied in the same area.

With which other products can penergetic p be combined?

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

penergetic p can be mixed with other products, chemical or organic substances, which leads to optimized effects of these agents. It is necessary to monitor the situation closely and eventually reduce the agents. This should be carried out in increments. However, the instructions from the manufacturers of the individual products must be adhered to.

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, of microorganisms and the mycorrhizae, the plant will be supplied with the required nutrients. However, a sufficient supply of the soil with humus or organic nutrients (slurry, compost) and also adjusted fertilization (NPK) needs to be ensured.

What are the indicators for changes?

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

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

How can such a small amount per hectare be sufficient?

For example: 250 g of bentonite contain approximately 5.96 quintillion of particles. Each individual particle has been treated with the Penergetic technology and thus has an additional active property. When the product is applied (whether mixed with water, dry or with other substances), these particles are spread over an area and form a "grid", which then emits its effects to its surroundings.

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.

Can penergetic p be mixed with bacteria?

Yes, but the two products must only be mixed immediately before the mix is applied, since otherwise the bacteria will be activated prematurely.

Carrier materials

Bentonite

Suitable for long-term activation. It can also be mixed with fertilizers and other agents. In addition, bentonite is a mycorrhiza stimulant and helps to bind toxins.

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

Sikron

Suitable for long-term activation. It can also be mixed with fertilizers. One of Sikron's properties is that it remains suspended for longer.

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

Molasses

penergetic p molasses has rapid effects and is suitable for mixing with liquid fertilizers.

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

Can penergetic p Molasses and Bentonite or Sikron be combined?

Yes, it is possible to combine the products. Molasses can be used as a rapid activator (starter) and bentonite or Sikron for a long-term, sustainable activation of the soil.

- Please see the penergetic p application and dosage for more details.

Application of penergetic p

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 afterwards. One option is to add penergetic p to the pressure vessel, then fill it up with slurry and spread the mixture immediately.

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 with fertilizers (NPK), pesticides, herbicides, insecticides and fungicides.

Is it possible to dress seeds with penergetic p?

penergetic p is suitable for 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 and dosage for more details.

Dosage / timeline

Dosages

The application guidelines are based on an average value, the dosages might need to be adjusted according to local conditions (climate, soil etc.).

- Please see the penergetic p application and dosage for more details.

Is penergetic p suitable for long-term use?

Yes, penergetic p can be used for long periods of time and does not have any adverse effects as long as the correct dosages in the application notes are adhered to.

Is it necessary to reduce the amounts of fertilizer used?

Experience has shown that reducing fertilizer improves the results (yield and quality). penergetic p stimulates root growth and the plant can absorb more nutrients. This mechanism may lead to 'overfertilization'. Therefore, we recommend reducing the amount of fertilizer and pesticides. This depends on many factors (soil quality, microbiology, biological activity ...) and must be individually analyzed and adapted.

Is it possible to use too much penergetic p?

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

Further product details

Which certifications have been awarded?

Penergetic Int. AG is ISO 9001 certified and registered with the following organizations: FIBL, InfoXgen, Bio Austria, IFOAM, OMRI.

What is the shelf life of penergetic p?

The powder lasts 5 years from the date of manufacture.

Molasses lasts 18 months from the date of manufacture.

Does the shelf life of other agents change if they contain penergetic p?

Products containing bacteria must only be mixed with penergetic p just before they are applied because penergetic p activates the bacteria. Otherwise the shelf life of other agents is not affected.

How should the product be stored?

Do not store the product on metal, but on a wooden surface. The containers must be stored in a dry environment and have to be tightly closed after use. Store the powder in a dry place. Store molasses in a dry and cool place (max. temperature 35° C).

Tips and tricks

How can the effects be enhanced?

- By using the AquaKat for irrigation water.
- In combination with other Penergetic products.

Specialized products

penergetic p Orchard

- Reduced infestations with pests and reduced need for spraying agents.

Please see the penergetic p application and dosage for more details.

penergetic p Viticulture

- Stronger vines, reduced fungal growth. To be used in combination with penergetic p for wine fungicide.

Please see the penergetic p application and dosage for more details.

penergetic p Viticulture FZ

- Stronger vines, reduced fungal growth. To be used in combination with penergetic p for grapevines.

Please see the penergetic p application and dosage for more details.

penergetic p Potatoes

- Product for potatoes, in combination with the product penergetic b for potatoes.

Please see the penergetic p application and dosage for more details.

penergetic p Cereal / Corn

- Improved emergence and higher yields.

Please see the penergetic p application and dosage for more details.