

penergetic 

The Future of Agriculture™

## Healthier Plants - lower input costs

penergetic  p

- stimulates the growth capacity of plants
- reduces production input costs
- leads to increased profitability



Control



with Penergetic

Penergetic p is a plant tonic that stabilizes and strengthens plants and promotes growth through an enlargement of root mass.



Penergetic is a unique proprietary technology. Penergetic p works with the biological processes in nature to stimulate the microorganisms in the soil.

After being successfully used in Europe, South America and Asia for over ten years, Penergetic p is now available in North America.

## **BENEFITS**

- Promotes better root growth and increases root exploration capacity
- Enhances chlorophyll production causing an increase in the efficiency of photosynthesis
- Accelerates plant growth and produces higher initial plant stands
- Improves plant quality and can elevate plant grade
- Strengthens plant resistance to disease and pests
- Permits a reduction in the application of pesticides and other farm chemicals
- Optimizes the effectiveness of fertilization and reduces fertilizer consumption
- Leads to greater crop uniformity
- Increases drought tolerance
- Increases crop yield/acre and production per plant
- Suitable for organic farming (OMRI listed)

**\*\* Results may vary for different crops, soil types and farms. \*\***

**Note:** Demonstration studies and commercial use by farmers have shown that optimal results are achieved when only a small quantity of Penergetic p is used and the quantity of fertilizer applied is reduced. Also, since Penergetic p strengthens plant resistance, the use of other farm chemicals may also be reduced.

## **PRODUCT CLASSIFICATION**

Penergetic is an “information transfer technology” which uses a proprietary process to infuse information from essential minerals, herbs and other elements vital to plant health & growth into a transfer medium.

**TRANSFER MEDIUM** (multiple forms): Bentonite (including penergetic g ULTRA™), Calcium Carbonate, Molasses\* and Magnesium Sulphate\*

\* Special Order



## APPLICATION

**SEED DRESSING** (optional): Dry application mix with or spread it in with the seed

Examples:

Cereals, corn:	80 g penergetic p for 100 kg of seed.
Canola:	80 g penergetic p for 50 kg of seed.
Soy beans:	80 g penergetic p for 100 kg of seed.
Vegetables (greens)	30 g penergetic p for 1 kg seed.

## FIELD APPLICATION:

- can be combined with other applications (e.g. fertilizer, herbicides, insecticide, etc.)
- alternatively can be mixed with slurry (should be mixed in on same day spraying occurs)
- Dry application can be with either calcium carbonate or bentonite (mixed 10:1 with sand or stone meal)
- Spray application is best with penergetic p ULTRA™ as better particle suspension.

## EXAMPLES:



### Corn

Total quantity applied	100 grams / acre
Application intervals	- two applications of 50 g each between 2 & 6 leave stages - spray intervals should be more than 15 days apart



### Wheat (and other cereals)

Total quantity applied	100 grams / acre
Application intervals	- one application of 100 grams during vegetative period - spray intervals should be more than 15 days apart



### Soy beans

Total quantity applied	100 grams / acre
Application intervals	- two applications of 50 grams each between V4 and R1 - spray intervals should be not less than 15 days apart



### Canola

Total quantity applied	100 grams / acre
Application intervals	- two applications (50/50 or 70/30), when germination leaves are fully developed and after 1st threefold leaves develop



### Beans/Peas/Lentils

Total quantity applied	100 - 120 grams / acre
Application intervals	- divide into 3 applications 20 – 60 days after planting - spray intervals should be not less than 15 days apart



### Forage/Hay/Alfalfa

Total quantity applied	80 grams / acre; then 50 grams / acre after each cut
Application intervals	- one application per crop and/or after each cut

**Note:** Do not put more than 3 active ingredients into the mixture with Penergetic without prior direction.

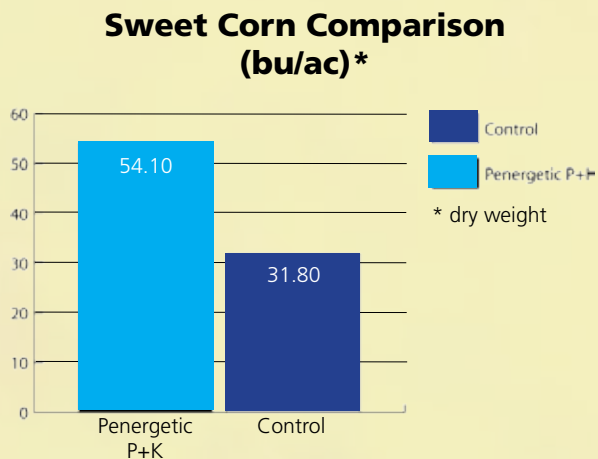
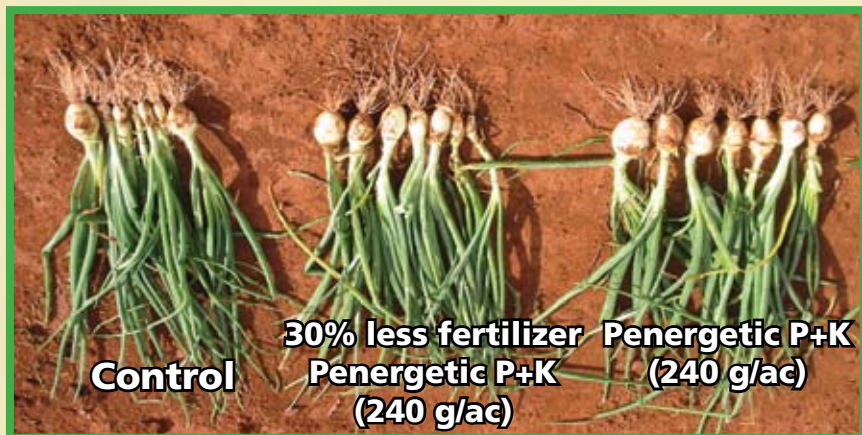
**\*\*\* Special formulations are also available for orchards, vineyards and silage. \*\*\***

Inquire about application specifications for horticulture, orchards, vineyards and tree plantations.



***Penergetic p has been shown to improve yields, produce higher quality crops, and reduce fertilizer & other input costs – leading to improved farm economics.***

≈ For best results use in combination with Penergetic k ≈



**SOY BEANS (Note: fuller rows, healthier plants with penergetic)**



**Testimonials:** Brazil has been using the Penergetic technology for a decade. Here is an example of one farmer's comments:

"The application of the Penergetic K and Penergetic P provides us with greater stability of production, especially in the years of moisture deficiency (drought). The corn and soy beans appeared more resistant and resulted in an increase in productivity. The application of the Penergetic K, in combination with herbicides increased the efficiency of our weed control program". **Romeu Borges, Agropecuaria Takaoka-laras SP**



**For further information contact:**

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