

## Products for Optimal Crop Production



- ◆ for all field crops - corn, soybeans, cereals, etc.
- ◆ improve soil fertility, elevate crop yield & quality
- ◆ available in powder or liquid composition
- ◆ for conventional, organic or transitional farming
- ◆ application methods:
  - seed dressing
  - dry (mix with granular)
  - spray (including foliar)

***Economical • Easy to Use • Effective***  
***Global Experience • Swiss Quality***



## OVERVIEW INFORMATION ON USING PENERGETIC FOR CROP PRODUCTION – FOR SOIL AND FOR PLANTS

### 1. FOR SOIL (Product Name: Penergetic k)

- Applied as a pre-seed application (and can be tank mixed with other field-applied inputs)
- Alternatively, can be applied by combining with granular or liquid fertilizer, or mixing with liquid manure/slurry or compost prior to being field applied.
- Application rate: [See crop specific protocols] generally 200 grams or ml/acre (for annual field crops)
- Product Format (available in two forms):
  - Penergetic k ULTRA (powder) 6.0 kg box, which (at 200 grams/acre rate) covers 30 acres
  - Penergetic k molasses 10 litre canister, which (at 200 ml/acre rate) covers 50 acres[Note: the “k” in Penergetic k stands for “kompost”, the German spelling of compost, which is used to describe the mineralizing process the product promotes in the soil.]

### 2. FOR PLANTS/CROPS (Product Name: Penergetic p)

- Typically applied as an in-crop foliar application
- Can be tank mixed with and applied at the same time as applying other crop inputs e.g. herbicide, fungicide, liquid fertilizer, etc.
- Can also be used as a seed dressing
- Application rate: [See crop specific protocols] general 100 grams or ml/acre (for annual field crops)
- Product Format (available in two forms):
  - Penergetic p ULTRA (powder) 6.0 kg box, which (at 100 grams/acre rate) covers 60 acres
  - Penergetic k molasses 10 litre canister, which (at 100 ml/acre rate) covers 100 acres[Note: the “p” in Penergetic p stands for “pflanzen”, German for “plants”.]

Penergetic products are from Switzerland and are used around the world. Currently, Brazil has the greatest experience with (and makes the most extensive use of) Penergetic for crop production. There they have witnessed an increase in yield and improvement in plant quality while reducing the amount of fertilizer and other farm chemicals required. At the same time, they have experienced an improvement in soil texture and soil fertility (as measured from soil testing after harvest – something that we recommend users do to confirm product efficacy).

Best results are obtained when both Penergetic k (for soil) and Penergetic p (for plants) are used. Also, (tied to soil analysis results) studies and past experience have demonstrated that the greatest increase in yield results are actual obtained when prescribed fertilizer rates are reduced – so as to create room for the Penergetic products to work.