



## Anwendungsbericht/User Application Report

**Produkt/Product:**

penergetic b and p

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### Application on tomatoes in Brazil

Effect of the Penergetic Technology on the productivity of tomatoes Var. Paron Syngenta and its positive effect in recuperating an area with signs of 2,4 D-induced phytotoxicity, which was accidentally applied by the neighbor. This tomato farmer, one of the biggest of Brazil, uses Penergetic now in his whole 500 ha.

### Application rates

- Control: Farm Standard
- Penergetic: Farm Standard + 600g/ha penergetic b + 3 x 200g/ha penergetic p

### Results: Return x Investment

| Return x Investment |                               |                         |  |
|---------------------|-------------------------------|-------------------------|--|
|                     | Production boxes/1.000 plants | Production boxes/ha     | Profitability (Average 22 kg box price = R\$40,00) |
| Farm Standard       | 339                           | 4.068                   | R\$ 162.720,00                                     |
| Penergetic Standard | 372                           | 4.464                   | R\$ 178.560,00                                     |
|                     | <b>+ 33</b>                   | <b>+369 boxes</b>       |  |
|                     |                               | Gross Revenue           | R\$ 15.840,00                                      |
|                     |                               | <b>Profitability/ha</b> | <b>R\$ 15.390,00</b>                               |

**+ 9,8 %**

## Penergetic recovering an area with phytotoxicity



The above demarked area is where the Penergetic trial was carried out. The soy fields on the left side were pulverized and the wind took it to the tomato fields, what affected the tomato plants (see first photo below).

Farm Standard area: With evidence of phyto intoxication



Penergetic treated area: Plants recovered from the toxic shock

