



Anwendungsbericht/User Application Report

Produkt/Product:

penergetic p Bentonite and Molasses

Anwender/User:

Farm Dermanopoulos
North Greece Rhodope-Porpi
Greece

Fachberater/Consultant:

DEC GmbH
Gert Dieterle
Germany

Datum/Date:

2017

Application on Cotton in Greece

Area:	72 stremma or 7,2 hectare
Quality of the soil:	Poor
Applied products:	penergetic p Molasses penergetic p Bentonite Nitrogen N40 and N 46 Pesticides

Applications:

- 3rd June - 4 leaf stage – 300ml / ha penergetic p Molasses
- 14th June - plant height 25cm – 300ml / ha penergetic p Molasses
- 20th July - fertilization application – 300g / ha penergetic p Bentonite.

The difference between Penergetic plants and control plants was evident from beginning. Between the 2nd and 3rd fertilization application the neighbor farmers were shocked about the big difference, also to their own plants and they asked, what he has done on his trial field!

Observed differences on the Penergetic plants:

- much more intense in green color
- looking much more healthy
- 5-10 cm more height
- complete root system was much longer and stronger than control
- higher cotton quality

Cotton Harvest Result:

Control Field: 1 stemma / 200 kg or 1 hectare / 2000 kg

Penergetic Field: 1 stemma / 360 kg or 1 hectare / 3600 kg!

The profitability was close to 80%

The farmer has only used 2 times nitrogen (N40 and N46) and one time phosphorus and pesticides! The whole year he has not used any herbicides, e.g. against worms, like he did before!

His comment:

I have never seen that happen before. I will use Penergetic again!

The pictures below were taken during 2nd spaying with Molasses at 14th June 2017



Cotton Harvest Result

The farmer was scared about the first application of Penergetic and did NOT reduce the recommended Penergetic reduction of fertilizer and sprays by at least - 20 %!

Applications for one cotton season	Control field	Penergetic field
NPK	1'224 €	1'224 €
Pesticides	1'008 €	1'008 €
Herbicides	720 €	-
Penergetic Products	-	375 €
Total costs	2'952 €	2'607 €

Farmer's Benefit	Control field	Penergetic field
Cotton harvest	14'400 kg	25'920 kg
Selling price incl. VAT	8'640 €	15'552 €
Total Benefit:	5'688 €	12'945 €

Additional income in 2017: 7'257 € = +128%

