

Peppers

Spain – 2012



Aim of the trial

With this trial we want to verify the effect of foliar applications with Chelal Noor on the production of peppers.

General Information

General circumstances of the trial

Owner of the field: Cooperativa VICASOL

Place: Carretera del Cosario – Almeria - Spain

Variety: Bily Peppers (*Capsicum annum* – long cycle) – type California Red/Green

Materials and methods:

Crop cultivated in the soil under plastic greenhouses (type Almeria)

Plot A: 5500 m²: surface of the control – Plot B: 4900 m² surface of the treated area

Treatments

TA: Control – normal cultivation scheme with soil fertilization and foliar applications with competitive products

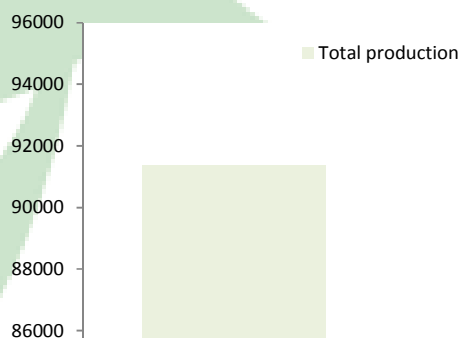
TB: foliar applications of Chelal Noor: 1 gr/L, several treatments with an interval of 10 to 15 days + same soil fertilization as on the control

Results

	Total production kg/ha	Production of medium to big sizes (M, G, GG)	Peppers for the industry
TA: Control	91367 kg/ha	85601 kg/ha	5125 kg/ha
TB: Chelal Noor	94104 kg/ha (+ 2737kg = 2,9%)	88316 kg/ha (+2715 kg = 3,2 %)	4371 kg/ha (-754 kg = 15 %)

Visual effects on the plot treated with Chelal Noor: more homogeneous fruit set, pollen of better quality and more abundant, more regular growth, healthier plants. The plants were able to continue producing longer at the end of the season when plants are normally more stressed and exhausted.

Plot B, with the treated plants, is situated on a part of the field that is historically the worse part, because of its higher elevation with higher temperatures are higher and more infections and diseases compared to the control, part A. Nevertheless the plants treated with Chelal Noor produced more.



CONTACT

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