

Field
trial **SUPER SET**

To evaluate its effectiveness in
flowering and fruit setting
on **Citrus** crop

Introduction
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SUPER SET is a liquid natural inductor that stimulates and strengthens flowering and fruit setting.

It is an **hormones-free** product

It is composed by Phosphorus, Potassium, Molybdenum, Boron and an exclusive tri-monomeric combination.



To evaluate and measure the effect of **SUPER SET** in
flowering and fruit setting

Location: **Coria del Rio (Sevilla)**

Crop: **Orange, Navel Powell variety**

Soil texture: **Silty clay loam**

Tree plantation: **10 year old trees**

End of trial: **5th July**

Material and methods

Number of **SUPER SET** trees: 5 trees per elementary plot x 4 repetitions= 20 trees

Number of Test trees: 5 trees per elementary plot x 4 repetitions= 20 trees

Type of application: **foliar** Application volume: **1000 L/Ha**

SUPER SET dosage: 2 applications per **2,5 L/1000 liters water**

1st Application: BBCH 59 **pre-flowering** (8th March)

2nd Application: BBCH 65 **full flowering** (31th March)

1st Evaluation date: BBCH 71 fruit setting (20th April)

2nd Evaluation date: BBCH 74 end of physiological fruit drop (5th July)

Location: Coria del Rio

Province: Sevilla

Crop: Naranja

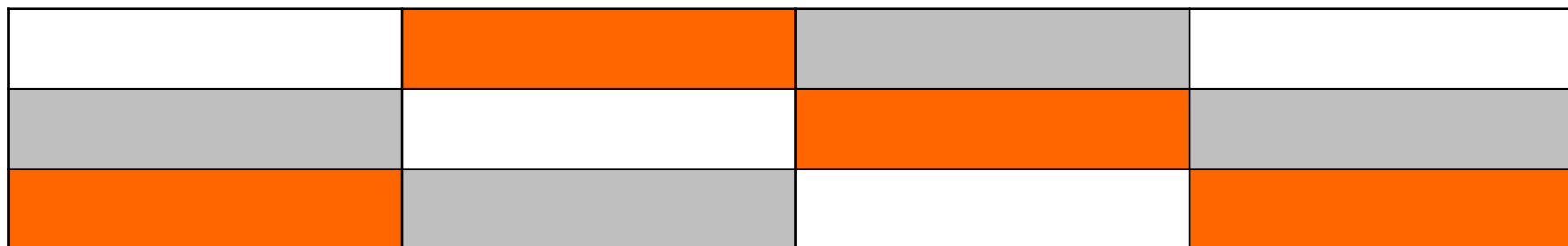
Variety: Navel Powell

Type of application: Foliar

Row spacing: 6,5 m

Spacing within row: 5 m

Plot size: 6,5 m (wide) x 25 m (long)= 162,5 m²
(5 trees)



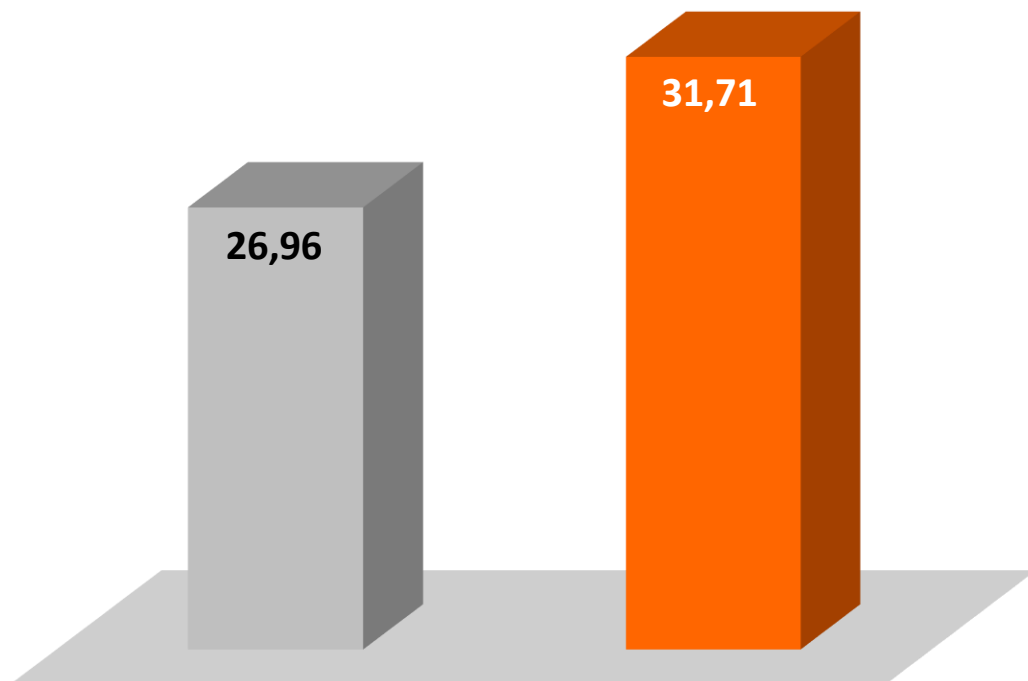
→  Test

→  SUPER SET

Results and discussion

Product	Mean number of set fruits per shoot Fruit setting (BBCH 71)	Mean number of set fruits per shoot End of physiological fruit drop (BBCH 74)
Untreated	26,96	1,79
SUPER SET	31,71	2,42
Increase (%)	+17,9	+34,9

Results and discussion

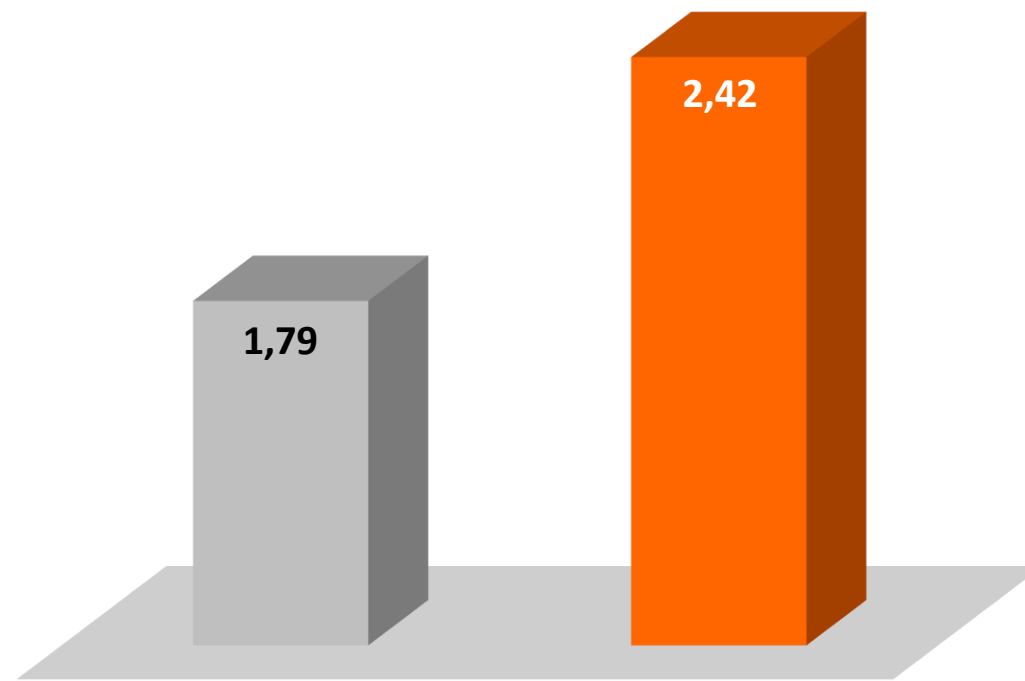


■ Untreated

■ SUPER SET

Graph 1:

Average number of set fruits per shoot before of physiological fruit drop (BBCH 71)



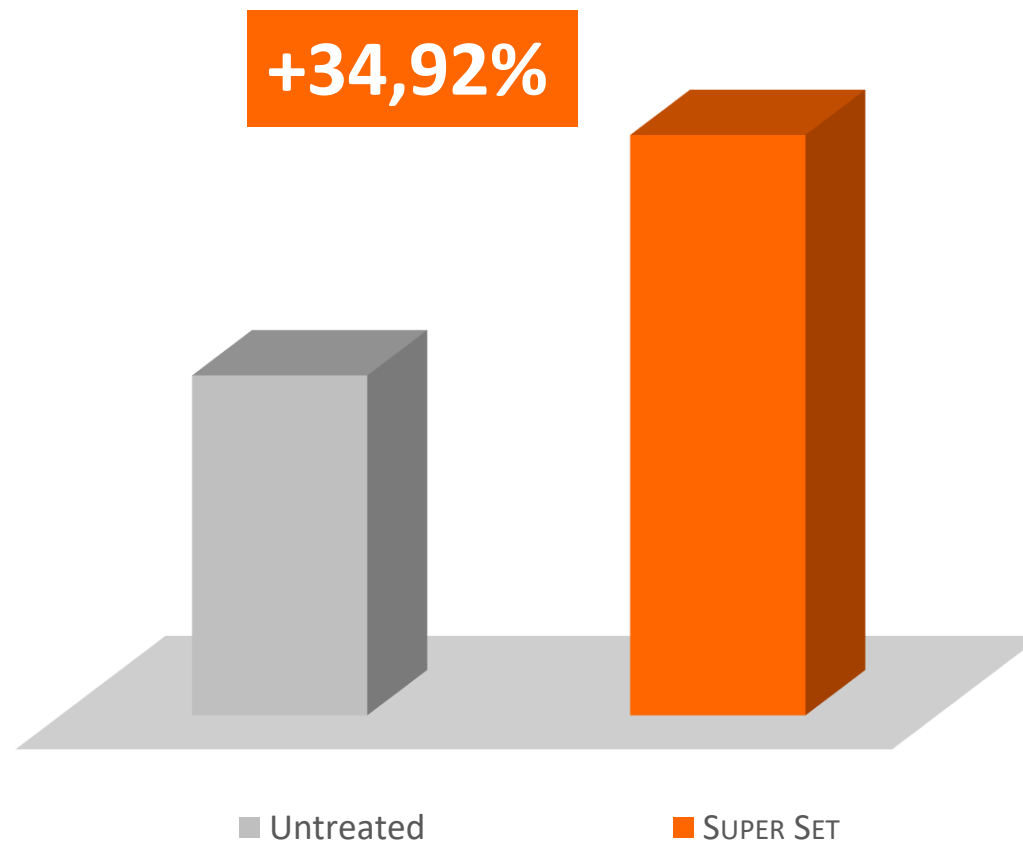
■ Untreated

■ SUPER SET

Graph 2:

Average number of set fruits per shoot after of physiological fruit drop (BBCH 74)

Results and discussion



Graph 3: Percentage difference (%) in average number of **set fruits** per shoot after of physiological fruit drop (BBCH 74)

Applying **SUPER SET** in citrus
we get:

+34,9%

More fruit setting