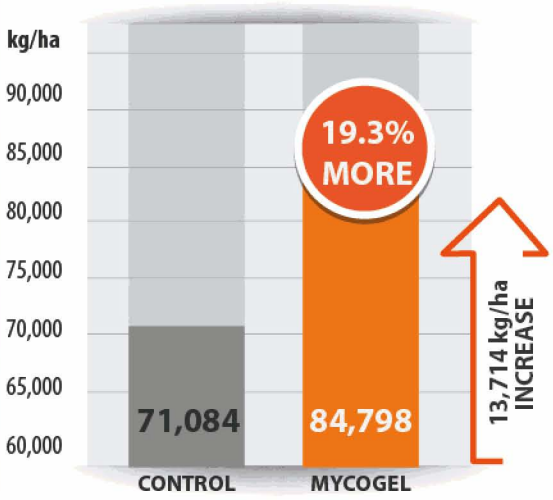
# MYCOGEL

UNIQUE HIGHLY CONCENTRATED STERILE IN-GEL MYCORRHIZAE

**RESULTS REPORT OF FIELD TRIALS**

## CHERRY TOMATO var. GENIO


### TOMATO YIELD (Kg/ha)




## Conclusions in the field

- Increases vigor.
- Greater yield.
- Higher quality:

- MORE HOMOGENEOUS FRUITS
- INCREASES FRUIT SIZE

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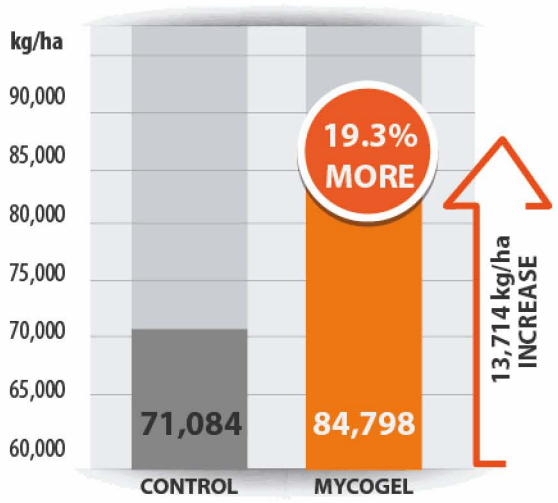
# FIELD RESULTS

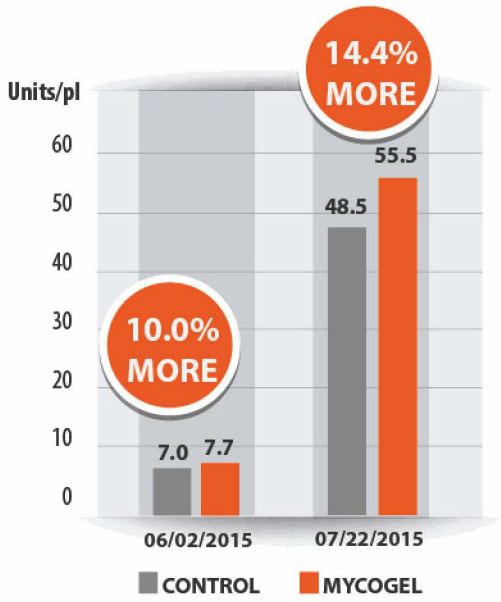
**Farm in production of variety GENIO in Zujar, Granada (Spain).**

## • YIELD

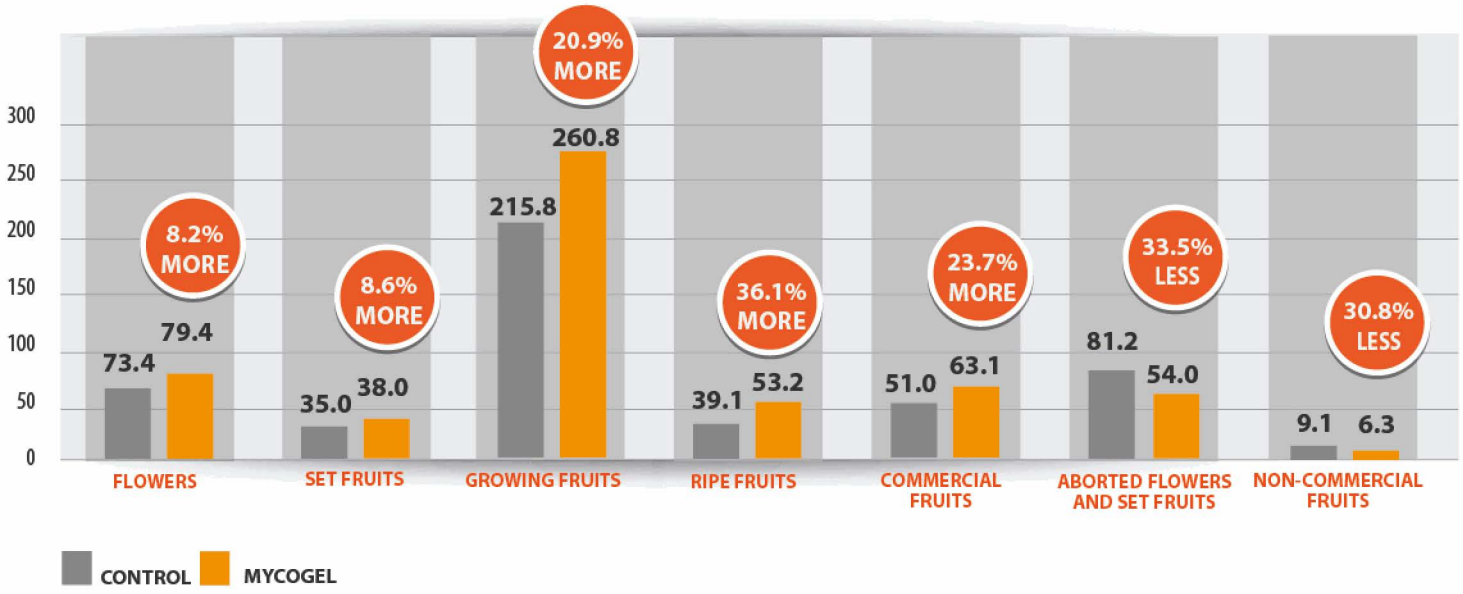
Cherry tomato variety Genio
yield (kg/ha)




## • FLOWER BUNCHES (units/plant)




## • Factors that determine the VIGOR and YIELD of the crop



# FIELD RESULTS

**Farm in the production of variety GENIO in Zujar, Granada (Spain).**



Appearance of cherry tomato plants on June 2nd, 2015,
**30 days after** the transplant.



Appearance of cherry tomato plants on July 22nd, 2015,
**80 days after** the transplant.

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# SUMMARY

## Field results

| Parameter | Control | Mycogel | DIFFERENCE | Consequences |
|---|---|---|---|---|
| Total yield (kg/ha) | 71,084 | 84,798 | ↑ 19.3% | 1. Yield<br>2. Economics |
| Flower bunch quantity (units/plant) | 48.5 | 55.5 | ↑ 14.4% | 1. Yield |
| *Flower quantity (units/plant) | 73.4 | 79.4 | ↑ 8.2% | 1. Yield |
| *Set fruit quantity (units/plant) | 35.0 | 38.0 | ↑ 8.6% | 1. Yield |
| *Growing fruit quantity (units/plant) | 215.8 | 260.8 | ↑ 20.9% | 1. Yield<br>2. Quality |
| *Ripe fruit quantity (units/plant) | 39.1 | 53.2 | ↑ 36.1% | 1. Yield<br>2. Quality |
| *Commercial fruit quantity (units/plant) | 51.0 | 63.1 | ↑ 23.7% | 1. Yield<br>2. Quality |
| *Aborted flower and set fruit quantity (units/plant) | 81.2 | 54.0 | ↓ 33.5% | 1. Yield<br>2. Quality |
| *Non-commercial fruit quantity (units/plant) | 9.1 | 6.3 | ↓ 30.8% | 1. Yield<br>2. Quality |

*Data was taken 80 days after transplant.

# Trial **Data and Design**

Crop: Cherry tomato var. Genio
Location: Zújar, Granada, Spain
Surface area: entire plot 4,000 m²
· CONTROL: 2,260 m²
· MYCOGEL: 1,682 m²
Date:
05/03/2015 (transplant)
10/21/2015 (final harvest)

Treatment: Two areas: 1) CONTROL; 2) MYCOGEL
Doses and applications:
1) CONTROL: standard crop management by the farmer.
2) MYCOGEL: 1 L/ha right after transplant; then 2 weeks without phosphorus fertilizers or soil fungicides. For rest of the time, the management is the same as the CONTROL.

- **GREATER YIELD** and **QUALITY**

· INCREASES BUNCH QUANTITY
· GREATER FRUIT WEIGHT
· MORE FRUIT HOMOGENEITY