

MYCOGEL

UNIQUE HIGHLY CONCENTRATED STERILE IN-GEL MYCORRHIZAE

RESULTS
REPORT OF
FIELD AND
LABORATORY
TRIALS

in CHERRY Var. Frisco



10.30%
MORE

YIELD

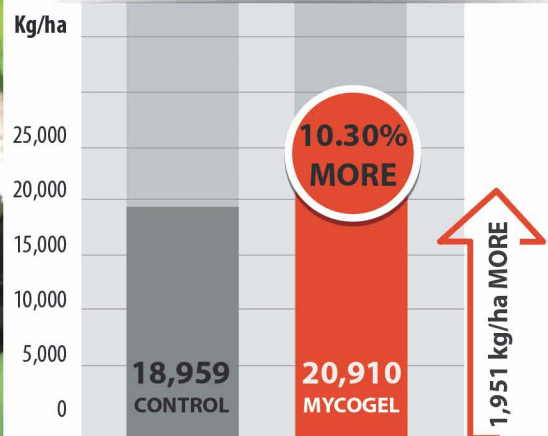
2.97
MORE

BRIX°

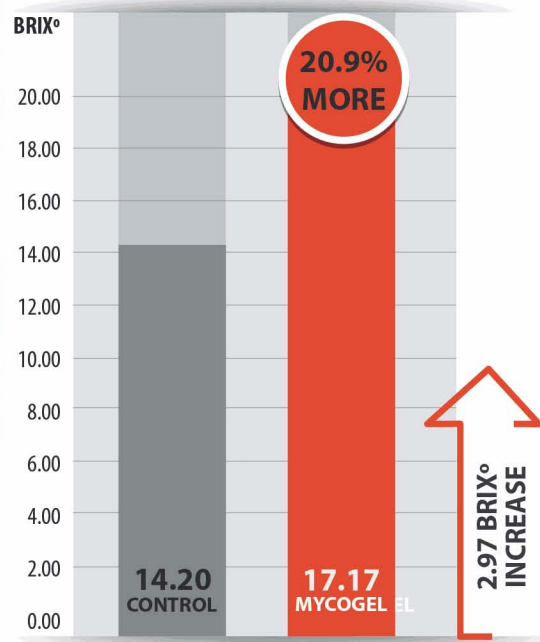
2,439
€/ha
MORE

ECONOMIC
YIELD

YIELD (kg/ha)



SOLUBLE SOLIDS (Brix°)



Conclusions in the field

- Greater quality of cherries: FRUIT SIZE, FIRMNESS, BRIX°
- More crop vigor.
- Greater PRECOCITY.
- Better yield.

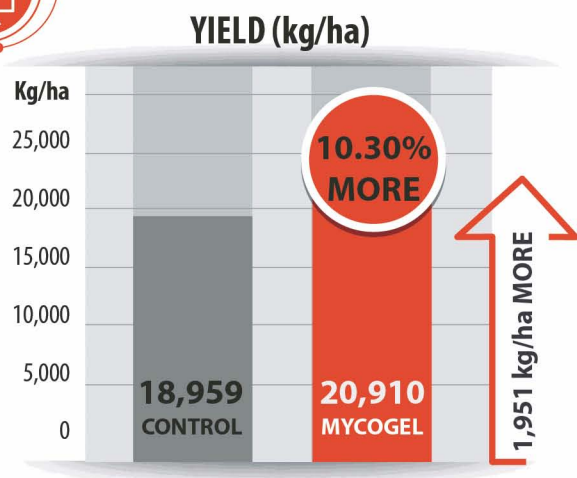


FIELD RESULTS

Farm in production of commercial variety located in Jumilla - Murcia, Spain

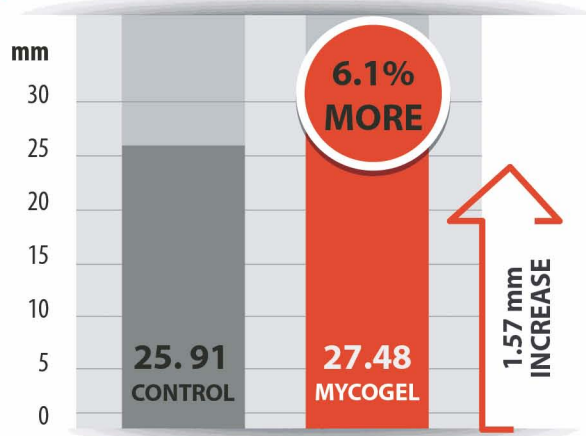


• YIELD

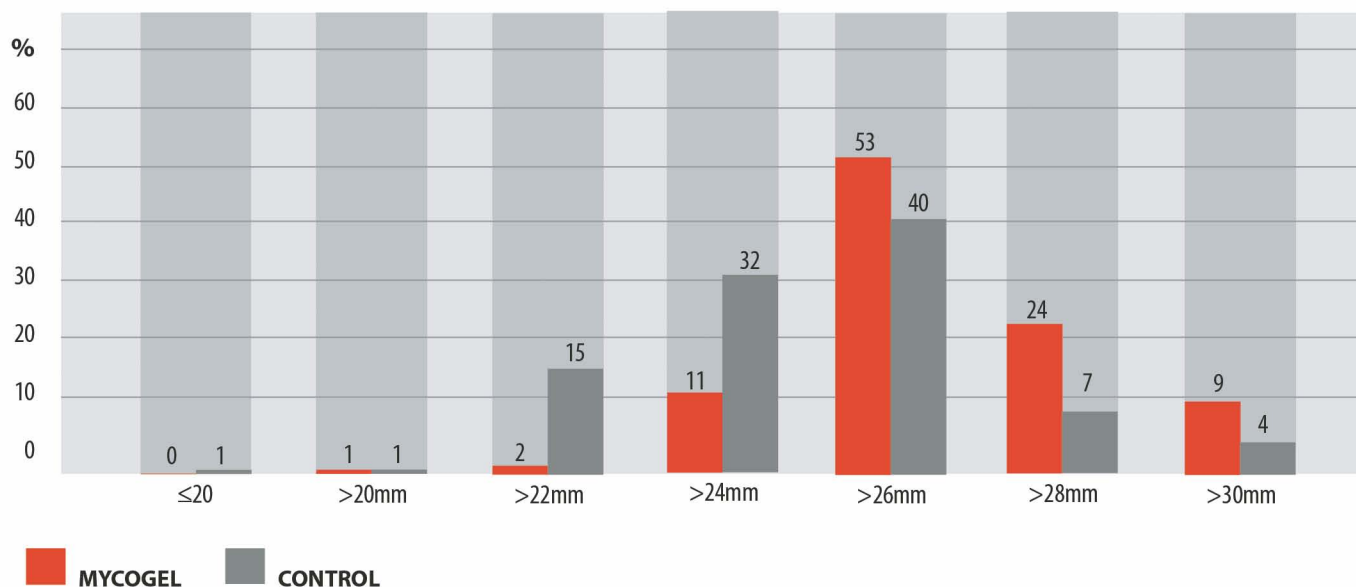


• QUALITY

AVERAGE CHERRY FRUIT SIZE (mm)



CHERRY PROPORTION BY FRUIT SIZE (%)



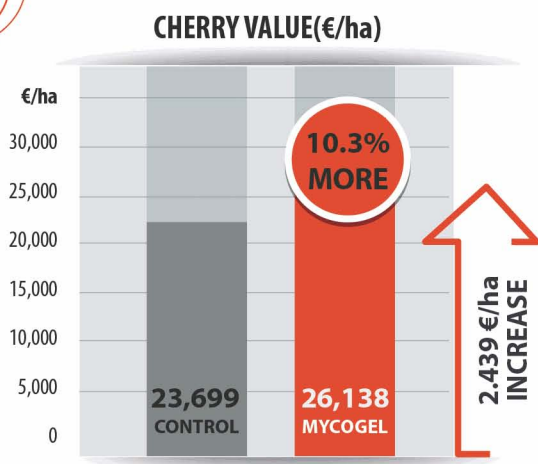


FIELD RESULTS

Farm in production of commercial variety located in Jumilla - Murcia, Spain



ECONOMIC YIELD



Economic yield

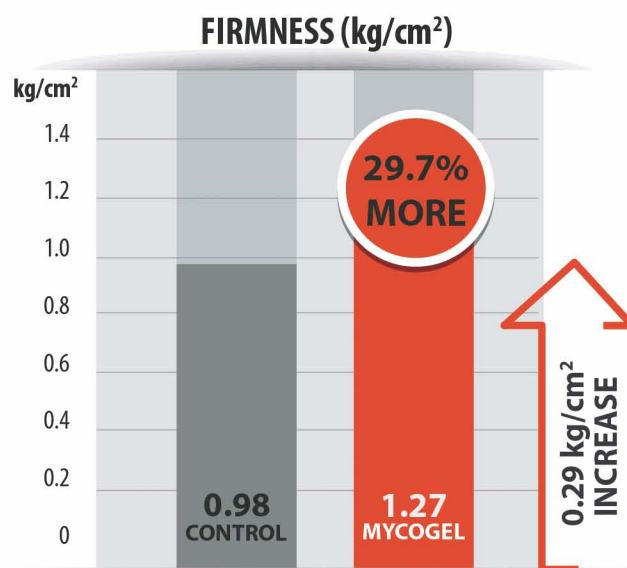
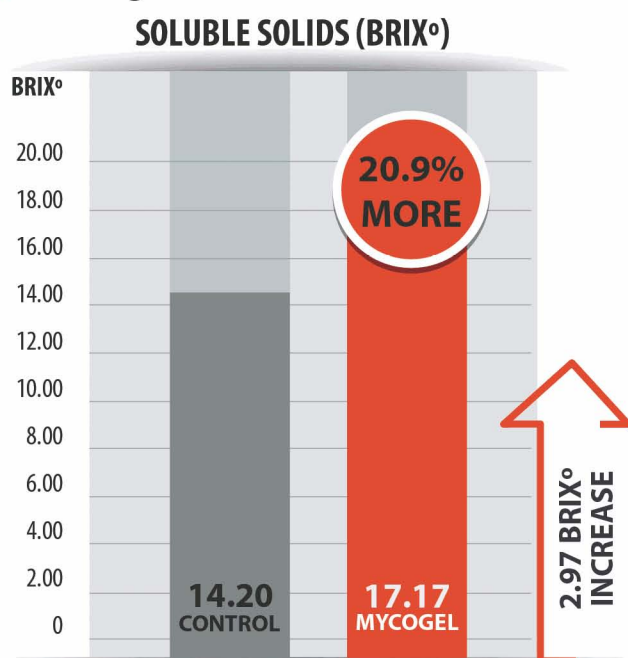
- Farmer price in 2017: 1.25€/kg
- EXTRA CHERRY PRODUCTION: 1,951 kg
- TOTAL EXTRA BENEFITS: +2,439 €/ha

* Source: farmer



QUALITY

• Sugars and firmness



PRECOCITY

In the image of the cherries treated with Mycogel we can observe that their harvest was advanced in respect to the Control.





SUMMARY

Field results

Parameter	Control	Mycogel	DIFFERENCE	Consequences
Cherry yield (kg/ha)	18,959	20,910	↑ 10.3%	1. Economics
Average fruit size of cherries (mm)	25.91	27.48	↑ 6.1%	1. Quality
Average cherry weight (g)	9.36	9.90	↑ 5.7%	1. Quality
Average fruit firmness (kg/cm ²)	0.98	1.27	↑ 29.7%	1. Quality
Soluble solids (Brix°)	14.20	17.17	↑ 20.9%	1. Quality
*Economic yield (€/ha)	23,699	26,138	↑ 2,439€/ha	1. Economics

*Cherry price: 1.25 €/kg
Source: farmer

Trial Design and Data

Crop: cherry var. Frisco.
Planting density: 666 trees/ha (5x3m)
Location: Toli Farm, Paraje la Aragona., Jumilla, Murcia, Spain.
Trial plot area: 4 ha
Planting date: 2010 (7 years old).
Blooming: first half of March.

APPLICATION RATES

CONTROL: Standard crop management by the farmer.
MYCOGEL: 1L/ha in irrigation by dripping.
Date application: in sprouting (at the end of February).
Harvesting date: the end of May (May 25, 2017 in the sampling zone of the trial plot area).

- BRIX° increases
- Firmness increases
- Fruit size increases

• CHERRY YIELD AND QUALITY INCREASE