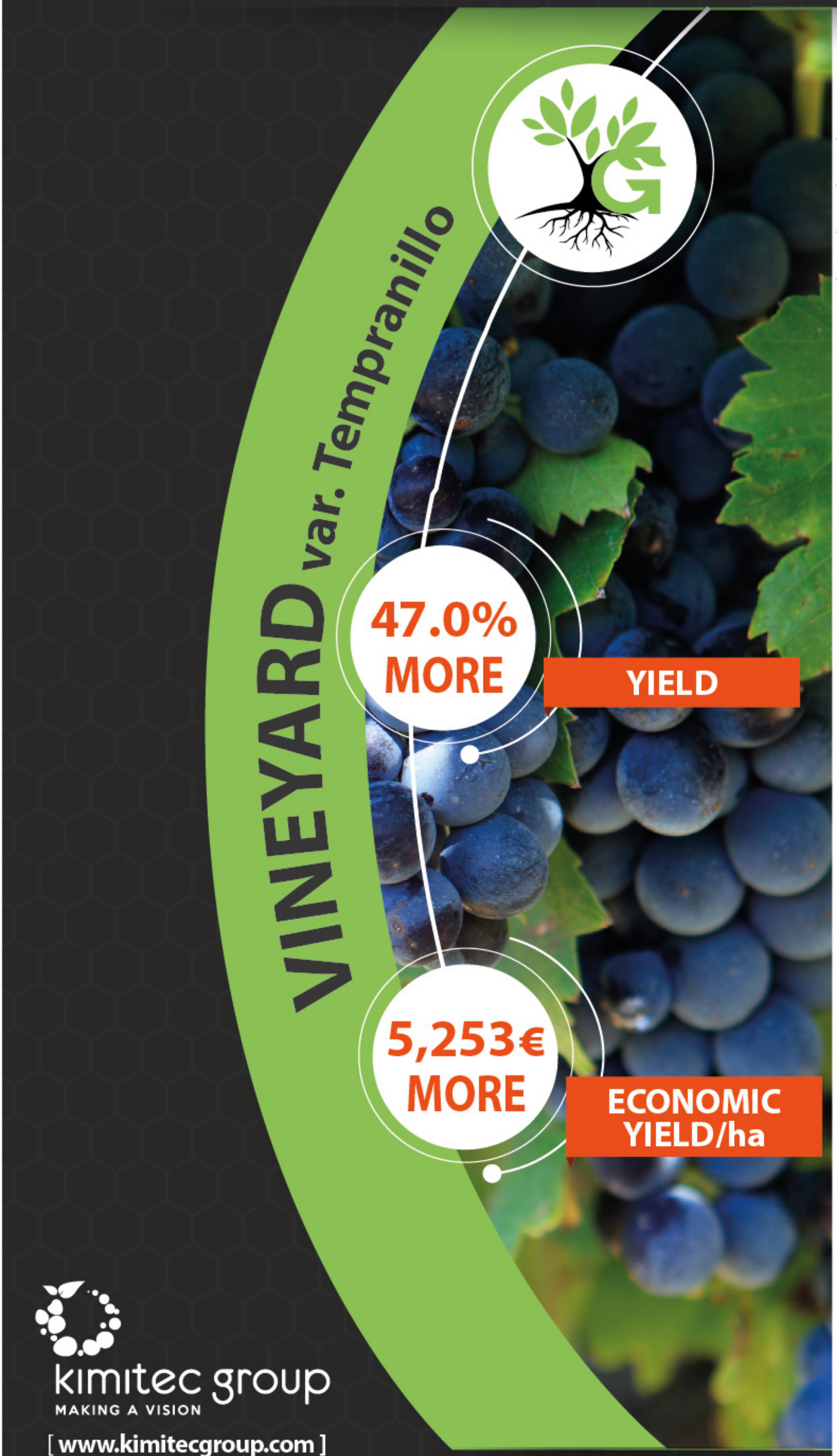
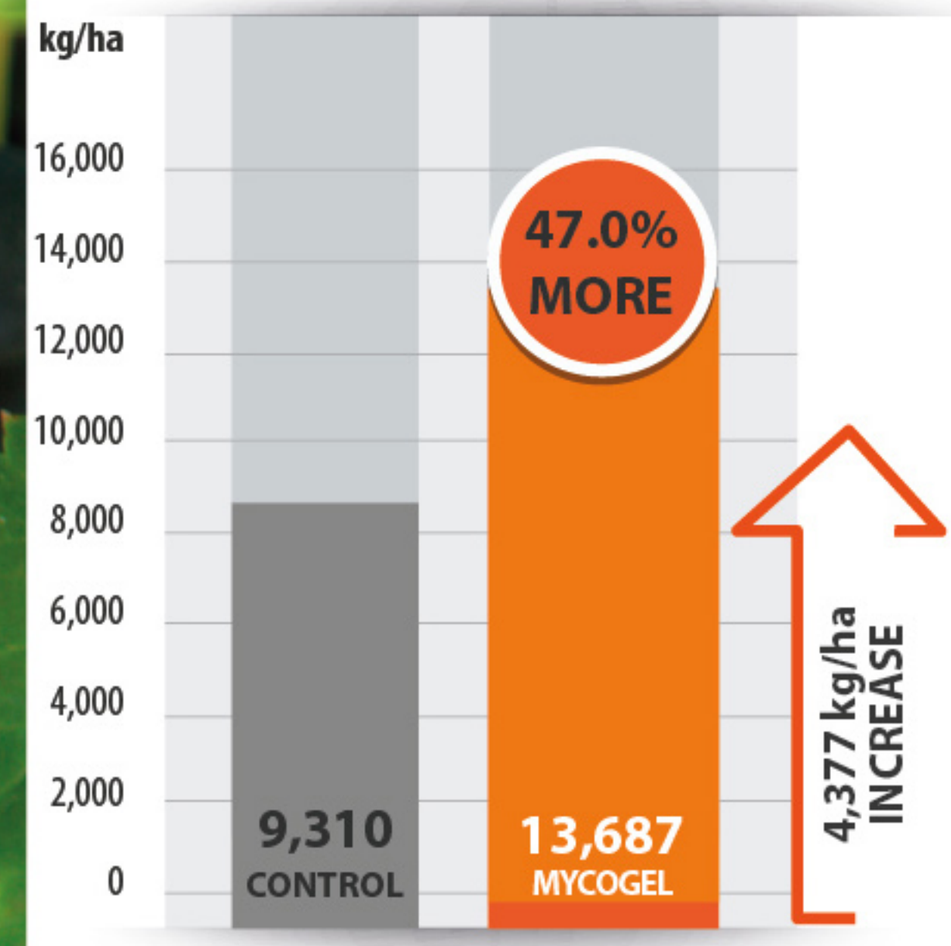
MYCOGEL

UNIQUE HIGHLY CONCENTRATED STERILE IN-GEL MYCORRHIZAE

RESULTS REPORT OF FIELD TRIALS



YIELD (Kg/ha)




MYCOGEL


CONTROL

Appearance of vine plants on harvest day, October 5th, 2016.

Conclusions in the field

- Higher quality and yield.
- More vigorous plants.
- Fewer chlorotic plants.
- More crop sustainability with economic and ecological benefits.

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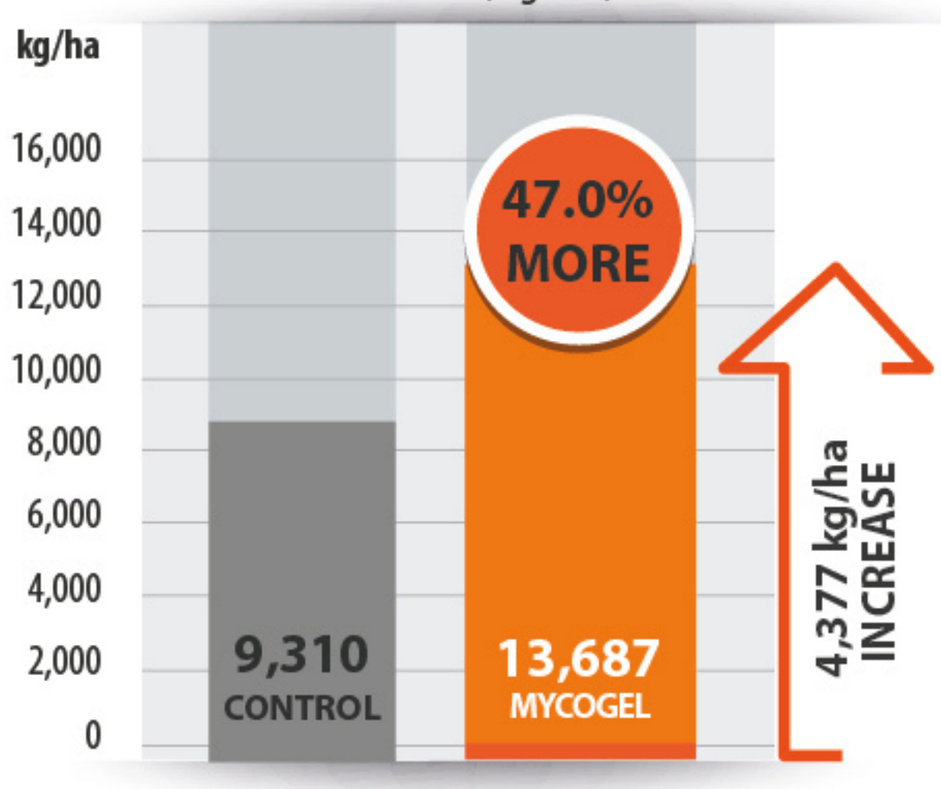
RESULTS - YIELD

Farm in production of commercial variety in Olivares de Duero, Ribera de Duero, Valladolid - Spain.

YIELD (Kg/ha)

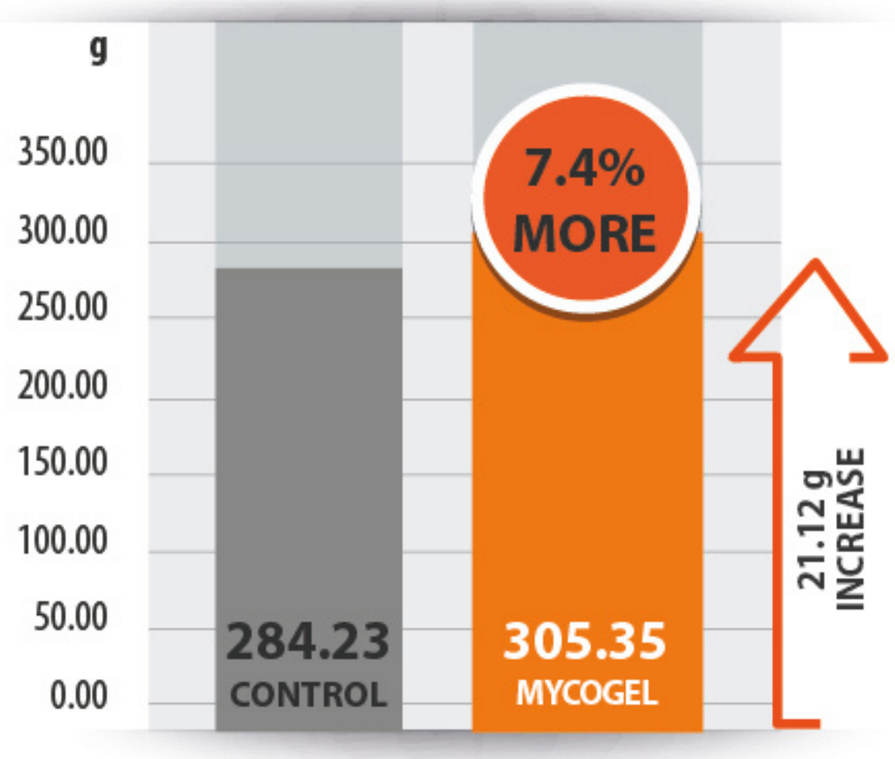


Grapes harvested from a grapevine, October 5th, 2016

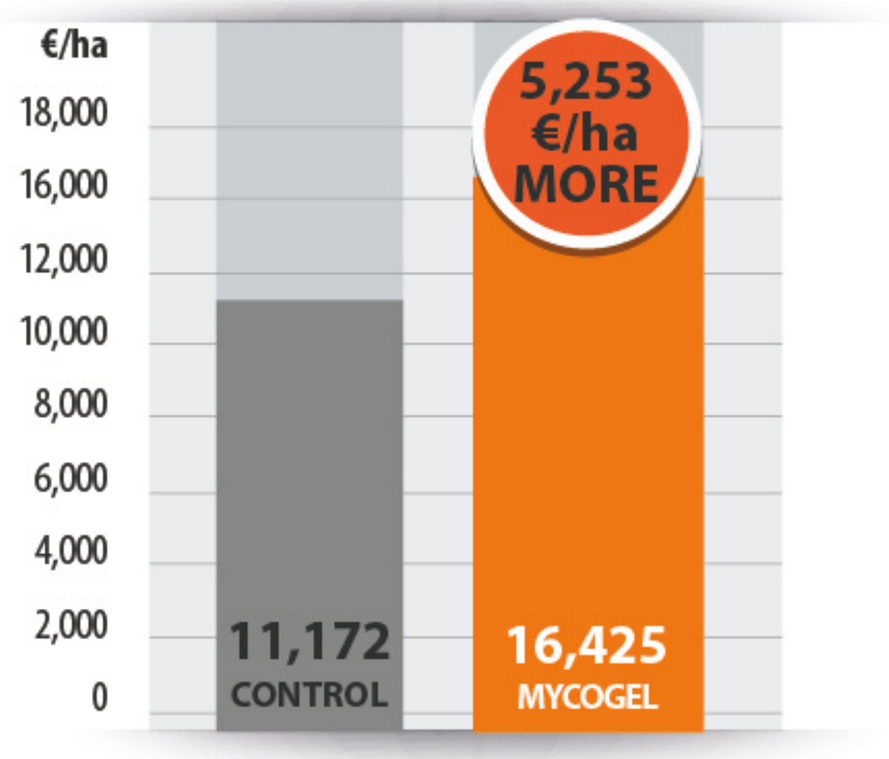
HARVESTED GRAPE WEIGHT OF A NON-CHLOROTIC GRAPEVINE (Kg)

AMOUNT OF BUNCHES PER GRAPEVINE (units)

BUNCH AVERAGE WEIGHT (g)



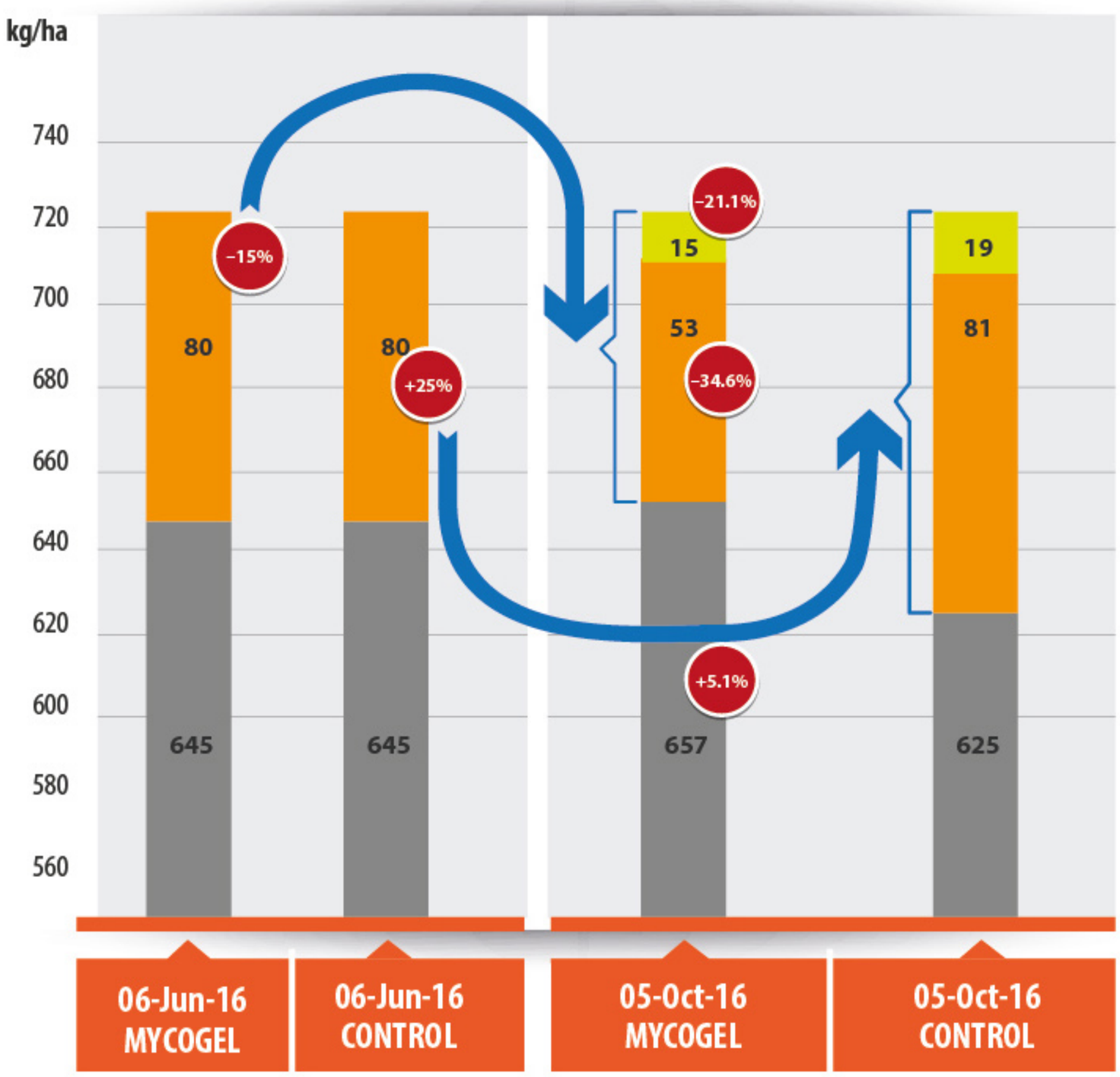
HARVESTED GRAPE VALUE (price 1.20 €/kg) (€/ha)



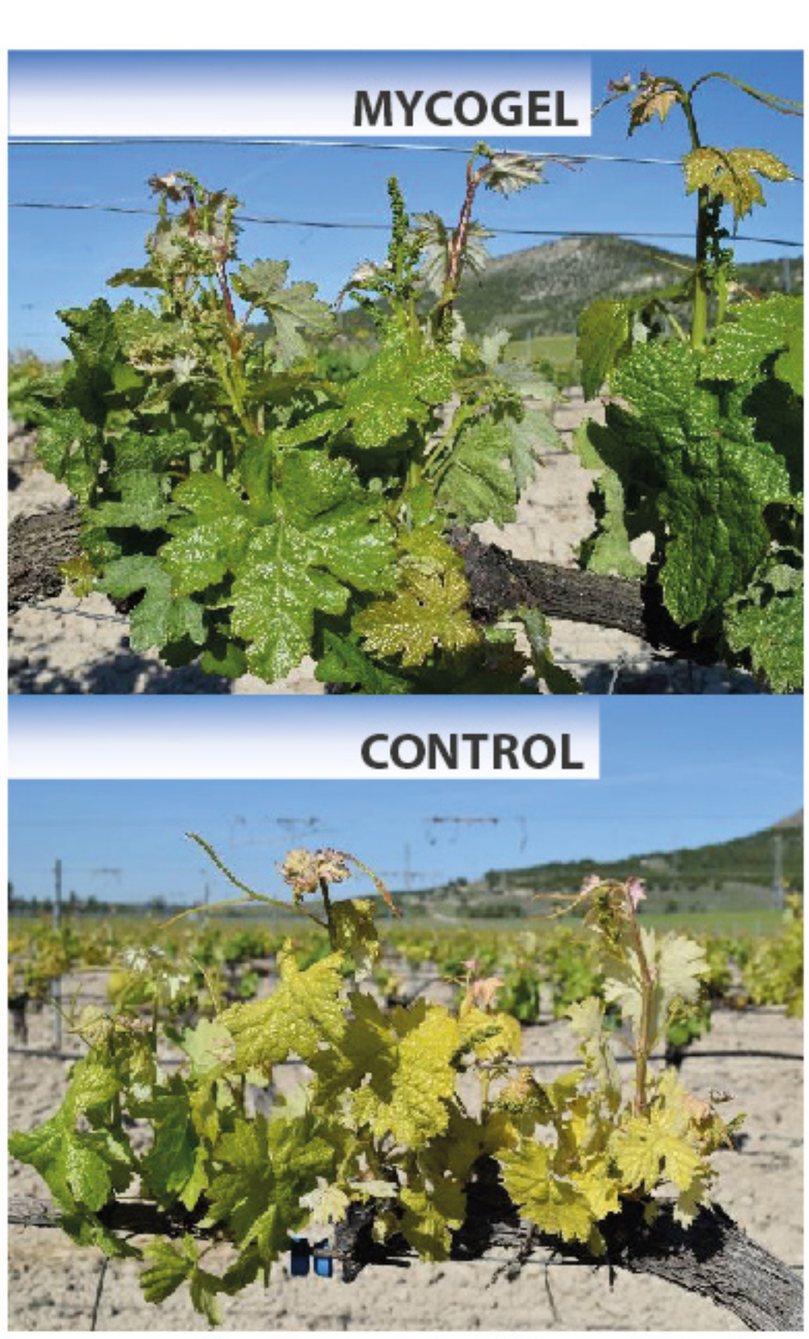
FIELD RESULTS - QUALITY

Farm in production of commercial variety in Olivares de Duero, Ribera de Duero, Valladolid - Spain.

NUMBER OF CHLOROTIC AND NON-CHLOROTIC PLANTS AT THE START AND END OF THE TRIAL (Kg/ha)



The trial plot has a part severely affected by chlorosis.



Appearance of the vines treated with Mycogel (above) versus the control (below).

Trial plot view in the harvesting stage, October 2016.

SUMMARY

Field results

Parameter	Control	MYCOGEL	DIFFERENCE	Consequences
Yield (kg/ha)	9,310	13,687	↑ 47.0%	1. Economics
Chlorotic plant amount (units/plot of 725 grapevines)	100.00	68.00	↓ 32.0%	2. Quality 4. Plant vigor
Harvested grape weight of a non-chlorotic grapevine (kg)	4.21	5.89	↑ 39.9%	3. Yield
Number of bunches per plant (units)	14.77	18.70	↑ 26.6%	3. Yield
Average weight of a bunch (g)	284.23	305.35	↑ 7.4%	3. Yield
***Harvested grape value** (price 1.20 €/kg), (€/ha)	11,172	16,425	↑ 5,253 €	1. Economics
Soluble solids (ºBrix)	22.40	22.76	↑ 1.6 %	1. Economics 2. Quality

* (grape price 1.20 €/Kg) Source: agriculturist

Trial Design and Data

Crop: Wine grape vines var. Tempranillo
Location: Olivares de Duero, Ribera de Duero, Valladolid, Spain
Planting date: 1994.
Planting density: 2,564 vines/ha (3x1.3 m).
Floor type: Clay-loam soil, very limy (12.38% of active limestone, 24.69% of carbonates), with very little organic matter (1.06%) and an alkaline pH (8.2), which causes blocking of many nutrients, especially iron.
Irrigation by dripping.
Surface: the entire farm - 20.35 ha; trial plot 0.62 ha.

DOSE:
MYCOGEL: 1L/ha at the beginning of June 2016, by injecting it into the soil and simulating the drip irrigation. Then, **2 weeks without Phosphorous fertilizers or soil fungicides.** The rest of the time should be handled like the CONTROL.
CONTROL: standard crop management by the agriculturist. 4 rows have been treated with MYCOGEL and the other 4 rows have been observed as a CONTROL.