



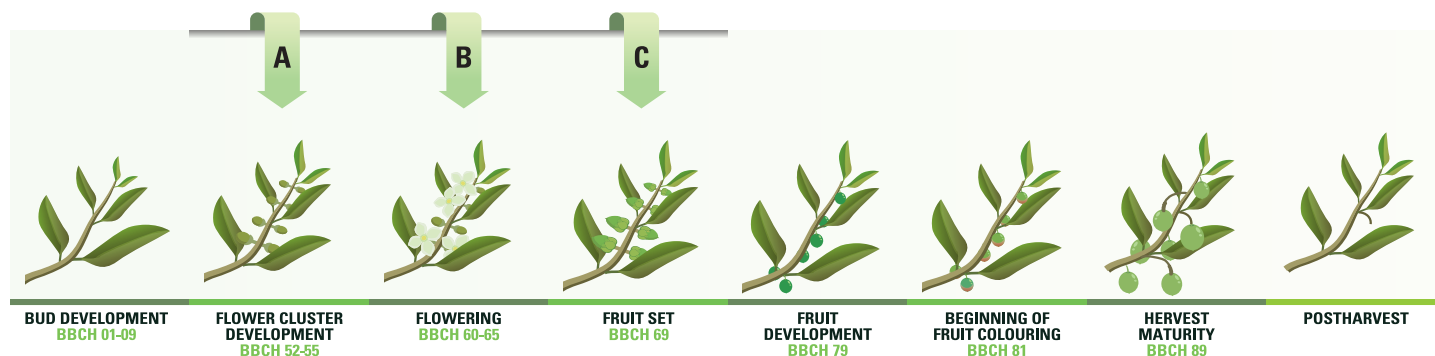
## STUDY PLAN

### Maral S LQ - olive

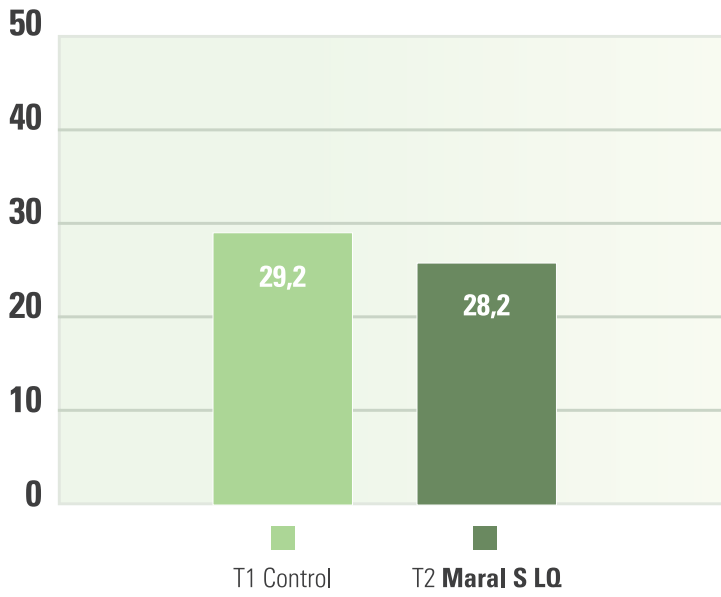
**Objective:** to evaluate the biostimulant efficacy of the product **Maral S LQ** in olive cultivation

<b>Crop</b>	Olive (C.V. Coratina)
<b>Essay Centre</b>	AgroLAB
<b>Test location</b>	Ruvo di Puglia (BA) Italy
<b>Year</b>	Test conducted in 2023
<b>Notes</b>	Conventional farming
<b>Surveys</b>	Evaluation of production and quality parameters, flowering

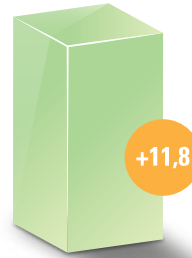
Thesis	Product	Dose l/ha	Method of application	Timing
T1	Control	---	---	---
T2	Maral S LQ	3	foliar	A 06.05.23 (BBCH52) B 06.06.23 (BBCH57) C 20.06.23 (BBCH71)



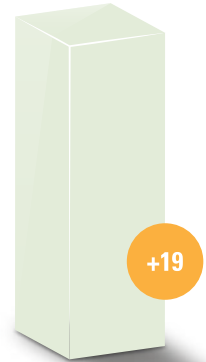
## Bud length (cm) before A date (5.05.23)



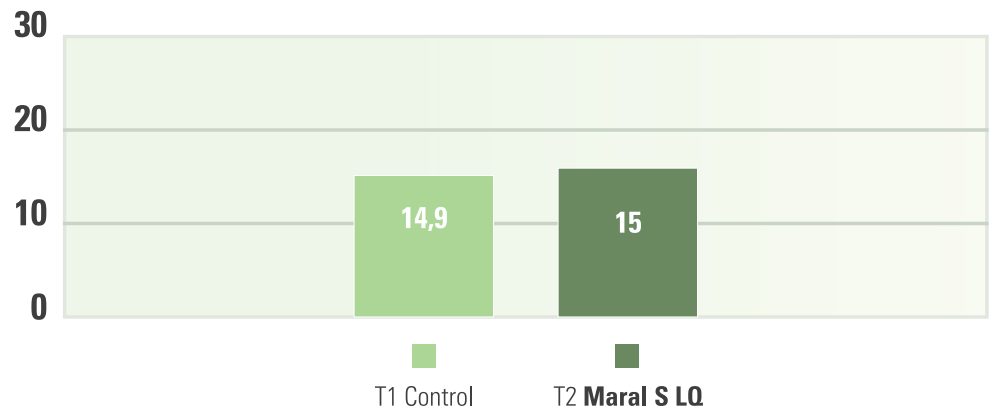
Bud lenght (%)  
a day before C  
date (19.06.23)



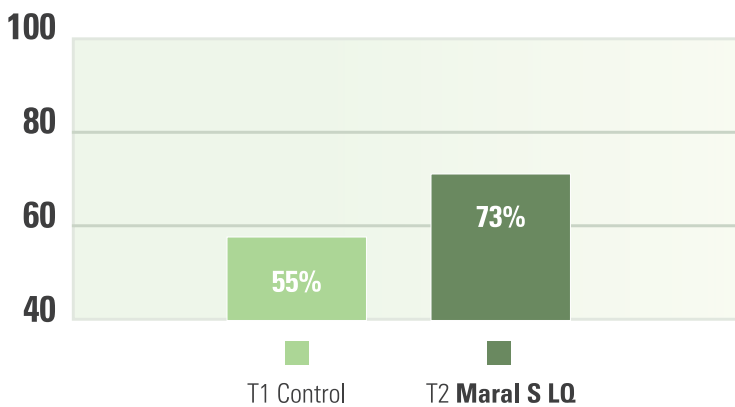
Bud lenght (%)  
30 days after C  
date (19.07.23)



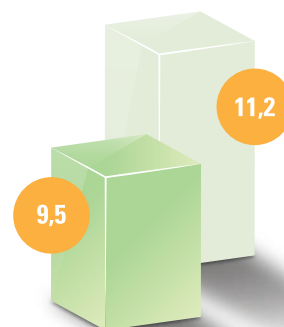
## Average n° of flower clusters per bud 1 day before (A)



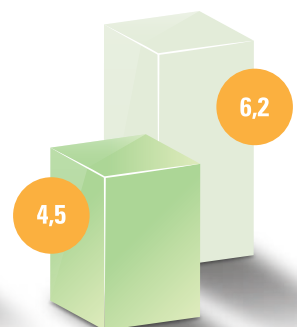
## Pollen viability % 1 day before (A)



Average n° of drupes  
30 giorno dopo C

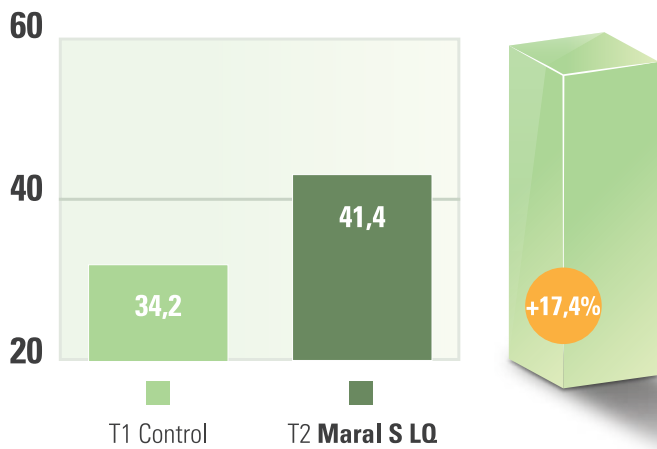


Fruit set %  
30 days after C

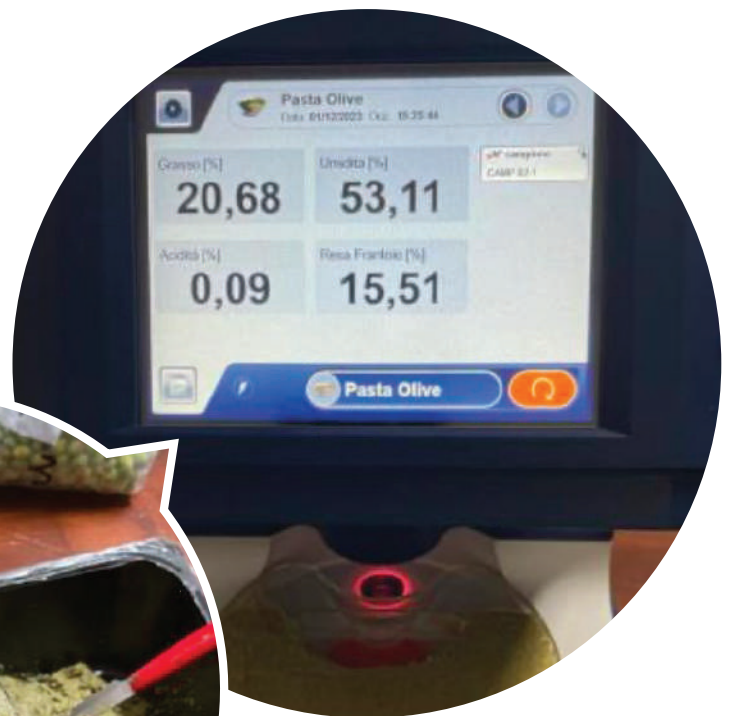
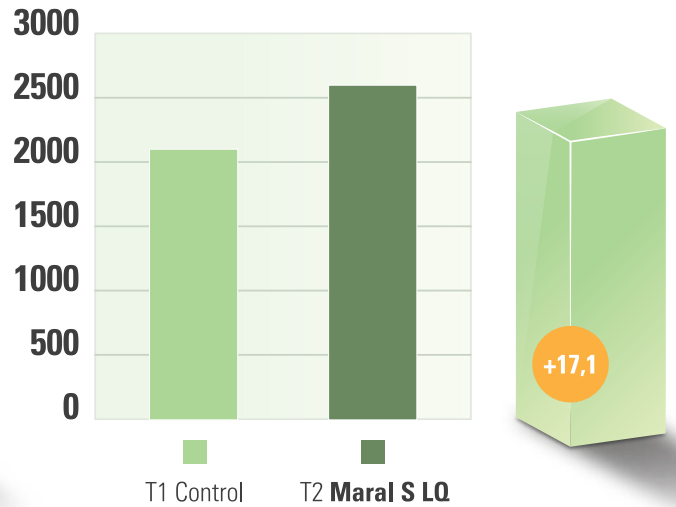


## Average yield kg

Increase in yield %



## Oil yield per hectare



**Results:** the use of **Maral S LQ** in olive cultivation improves the production parameters of the crop, both in terms of quality and quantity. In fact, the test showed an increase in pollen viability in the treated thesis, compared to the control, which resulted in an increase in drupe production per hectare and a better oil yield.