

LL002

WUE enhancement reducing yield loss from irrigation reduction

B5



TRIAL INFORMATION



Plants for Plants Life Project | This project is co-funded by the European Union's LIFE Programme under Grant Agreement LIFE18 ENV/NL/000043.



Project partner in Plants for Plants®.



TRIAL SET-UP



CONCLUSION



RESULTS



plantsforplants®

Vegetables



WUE

- CROP: Tomato
- VARIETY: Ekstasis
- DATE: 2020
- LOCATION: Ierapetra, Crete - Greece
- EXECUTED BY: AGK
- APPLICATION: Foliar
- DEMONSTRATION TRIAL: B5



	Control	Treated with LLo02 with -30% Water
Untreated		First application (9 L/Ha) - 1 month after planting
Untreated		Second application (9 L/Ha) - 1 week later

After reducing irrigation to 30% we noticed a 10% drop in yield for the LLo02 treated modality. Despite a lower yield, the result should be considered as a good indication of the LLo02 effect on WUE. Indeed such an irrigation deficit should have generated much lower results. More trials are needed in the same conditions to determine the safe threshold of irrigation reduction for LLo02 treated in this area of the world.

DECREASED TOTAL YIELD | -10%

