

4-Vita

WUE enhancement reducing yield loss from irrigation reduction



B5



plantsforplants®

Vegetables



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®.

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



TRIAL SET-UP



Control	Treated with P4P 4-Vita with -30% Water
Untreated	First application (9 L/Ha) - 1 month after planting
Untreated	Second application (9 L/Ha) - 1 week later



CONCLUSION

After reducing irrigation to 30% we noticed a 10% drop in yield for the P4P 4-Vita treated modality. Despite a lower yield, the result should be considered as a good indication of the P4P 4-Vita 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 P4P 4-Vita treated in this area of the world.



RESULTS

DECREASED TOTAL YIELD | -10%

