

LL002

Increased Yield
thanks to better WUE



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®

- CROP: Sugar beet
- VARIETY: Joker
- DATE: 2020
- LOCATION: Särkisalo, Finland
- EXECUTED BY: Kekkila-Vapo
- APPLICATION: Foliar
- DEMONSTRATION TRIAL: B5

Sugar beet



WUE

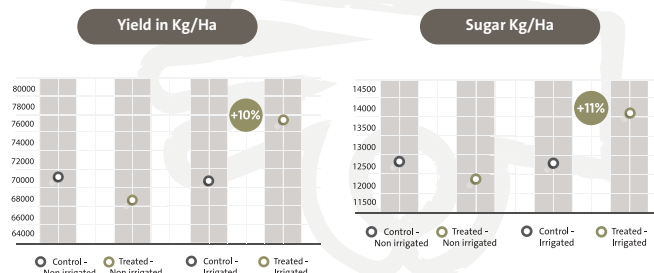


Biostimulation

	Control - Non irrigated	Control - Irrigated	Treated with LLo02 - Non irrigated	Treated with LLo02 - Irrigated
Untreated	Untreated	Untreated	First application (9L/Ha) - BBCH 18-30	First application (9L/Ha) - BBCH 18-30
Untreated	Untreated	Untreated	Second application (9L/Ha) - 15 days later	Second application (9L/Ha) - 15 days later

We clearly have a sharp difference between the Irrigated LLo02 modality with 10% more yield and 11% higher sugar content and the rest of the modalities, which are very similar between themselves. This is most probably due to the higher WUE given by the treatment when combined with irrigation. In general, the yields were very good.

INCREASED TOTAL YIELD | +10%



	Yield (Kg/Ha)	Sugar (Kg/Ha)
Control - Non irrigated	71,296	12,883
Treated with LLo02 - Non irrigated	68,981	12,486
Control - Irrigated	70,602	12,807
Treated with LLo02 - Irrigated	77,546	14,137