

# 4-Vita

Increased Yield  
thanks to better WUE



B5

plantsforplants®

Sugar beet



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



## TRIAL SET-UP



Control - Non irrigated	Control - Irrigated	Treated with P4P 4-Vita - Non irrigated	Treated with P4P 4-Vita - Irrigated
Untreated	Untreated	First application (9L/Ha) - BBCH 18-30	First application (9L/Ha) - BBCH 18-30
Untreated	Untreated	Second application (9L/Ha) - 15 days later	Second application (9L/Ha) - 15 days later



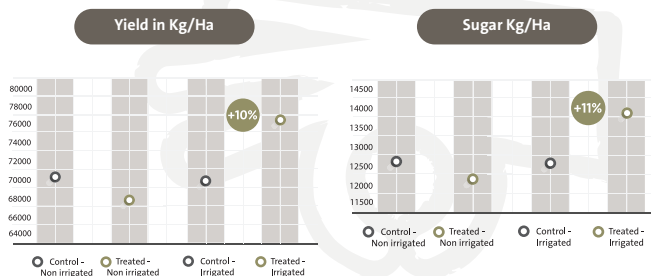
## CONCLUSION

We clearly have a sharp difference between the Irrigated P4P 4-Vita 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.



## RESULTS

### INCREASED TOTAL YIELD | +10%



	Yield (Kg/Ha)	Sugar (Kg/Ha)
Control - Non irrigated	71,296	12,883
Treated with P4P 4-Vita Non irrigated	68,981	12,486
Control - Irrigated	70,602	12,807
Treated with P4P 4-Vita - Irrigated	77,546	14,137