

LL004

Conservation of yield and quality improvement despite P₂O₅ reduction

B5



plantsforplants®

Apple



NUE



Biostimulation



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: Apple
- VARIETY: Braeburn
- DATE: 2020
- LOCATION: Čukovec, Croatia
- EXECUTED BY: Hortinterar
- APPLICATION: Fertigation
- DEMONSTRATION TRIAL: B5



TRIAL SET-UP



Control	Treated with LLo04 and -40% P ₂ O ₅
Untreated	First application (10L/Ha) - pink bud
Untreated	Second application (10L/Ha) - 15 days later
Untreated	Third application (10L/Ha) - 15 days later
Untreated	Fourth application (10L/Ha) - 15 days later



CONCLUSION

With 40% less P₂O₅, LLo04 treated modality showed no decrease in yield, and in addition 5.4% increase in sugar content vs. UTC as well as bigger fruits with 8.7% higher fruit weight. The number of fruits was smaller but of higher quality.



RESULTS

YIELD CONSERVATION DESPITE 40% REDUCTION OF P₂O₅ UNITS PER HECTARE

