

# LL004

Increase of total yield  
with 30% less  $P_2O_5$

B5



plantsforplants®

Fruit trees



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: Pear
- VARIETY: Conference
- DATE: 2020
- LOCATION: Roosendaal, The Netherlands
- EXECUTED BY: Van Iperen B.V.
- APPLICATION: Fertigation
- DEMONSTRATION TRIAL: B5



## TRIAL SET-UP



Control	Treated with LLo04 and -30% of $P_2O_5$
Untreated	First application (10L/Ha) - Bud burst
Untreated	Second application (10L/Ha) - 7 days later
Untreated	Third application (10L/Ha) - 7 days later
Untreated	Fourth application (10L/Ha) - 7 days later



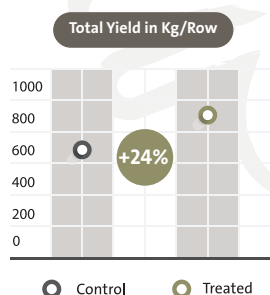
## CONCLUSION

With 30% less  $P_2O_5$  on the treated plot, we had a significant increase in total yield compared to a control with a full dose of  $P_2O_5$ . LLo04 clearly has increased the Phosphate use efficiency on the treated plot resulting in yield increase despite the fertilizer input reduction. Also, the brix index was significantly higher. No difference in firmness was noted.



## RESULTS

## INCREASED TOTAL YIELD | +24%



Brix	
Control	12.08 a
Treated with LLo04 and -30% $P_2O_5$	12.88 b