

PLANTS FOR PLANTS®

4-Terra

Increase of total yield
with 30% less P_2O_5



B5

plantsforplants®

Fruit trees



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 P4P 4-Terra 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



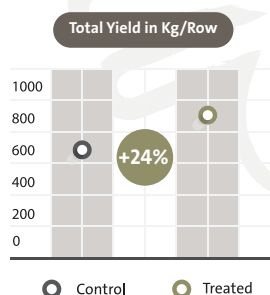
CONCLUSION

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 . P4P 4-Terra 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 P4P 4-Terra and -30% P_2O_5	12.88 b