

# L004

Increase of total yield and desired calibers with -30% reduction of P<sub>2</sub>O<sub>5</sub> Units

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: Apricot
- VARIETY: Ninja
- DATE: 2020
- LOCATION: Rivesaltes, France
- EXECUTED BY: Van Iperen International / Arterris
- APPLICATION: Fertigation
- DEMONSTRATION TRIAL: B5



## TRIAL SET-UP



Control	Treated with L004 and -30% of P <sub>2</sub> O <sub>5</sub>
Untreated	25-02-2020: 1st application (13.33 L/ha) - Pink bud
Untreated	12-03-2020: 2nd application (13.33 L/ha) - Full Flowering
Untreated	7-04-2020 (1 week late due to Covid): 3rd application (13.33 L/ha) - Fruit set



## CONCLUSION

With 30% less P<sub>2</sub>O<sub>5</sub>, thanks to L004 we have +41.3% average yield per tree out of which 46% fall in desired yield calibers category compared to 41% for control with full P<sub>2</sub>O<sub>5</sub> dose. This has a considerable impact on grower's financials with reduced fertilizer costs but also higher selling prices as yield falling in desired categories is more important. Another important trend is the reduction of waste and category 2 indesirables.



## RESULTS

### INCREASED TOTAL YIELD | +41.3%

