4-Terra

Increase of total yield and desired calibers with -30% reduction of P_2O_5 Units

B5

plantsforplants®

Fruit trees

NUE

Biostimulation

TRIAL INFORMATION

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

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Project partner in Plants for Plants®.

TRIAL SET-UP

Control	Treated with P4P 4-Terra and -30% of P_2O_5
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

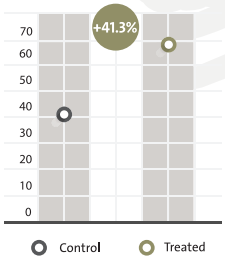
CONCLUSION

With 30% less P_2O_5, thanks to P4P 4-Terra 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_2O_5 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.

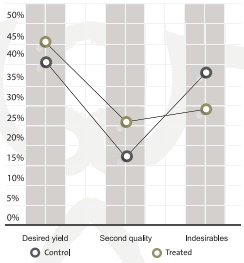
RESULTS

INCREASED TOTAL YIELD | +41.3%

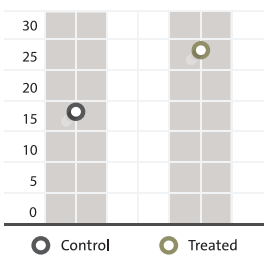
Average Yield (Kg/Tree)



Yield Category/Breakdown



Desired caliber (Kg/Tree)



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