



Climate resilient farming
and forestry systems
and water management



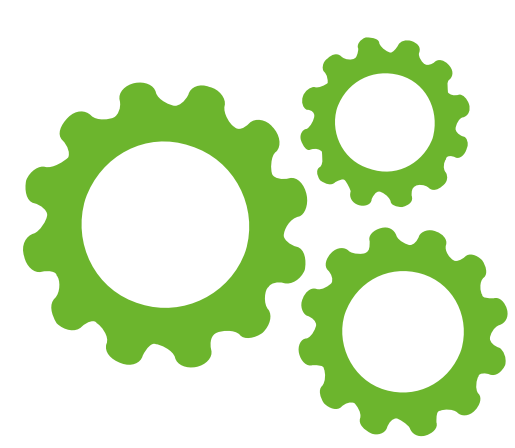
AGRI
Innovation summit 2019



AQUA C+ Operational Group

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Practical problem

Increase of the water use efficiency in the fruit orchard. Development of digital decision help for growers



Partners

Fruit growers: Märkische Obstbau GmbH;
OG Franz Müller; Josef Jakobs Spargelhof GbR
Scientific institute: ATB e.V.
Coordination: Versuchs und Kontrollring e.V



Calendar

Start: 01/01/2016
End: 01/01/2021



Budget

Total amount:
€548,564.04

Objectives of the project

More efficient water use in the fruit orchard through water accounting

Main activities

Collecting data regarding water use, soil parameters, weather, plant condition, fruit condition, ripening development

Expected results

Fruit quality can be increased and water can be saved through water accounting and site specific water use in the orchard

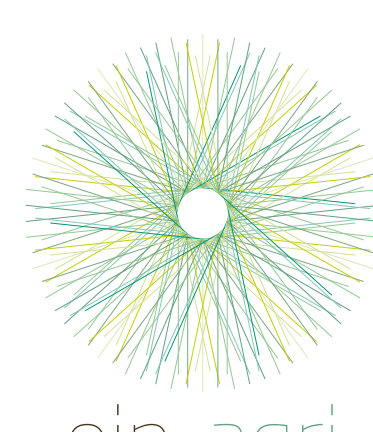
Results so far/first lessons

Soil conductivity varies a lot in just one orchard.

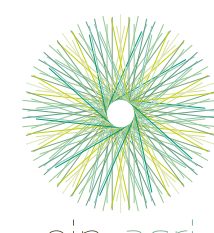
Who will benefit

The fruit grower

Supported by:



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