

Installing an efficient irrigation system in a fig orchard helped to better manage water stress for the trees and increased the quality and volume of production.

 [Full project description](#) ^[1] (234.2 KB)



Project summary:

The project financed the application of an efficient irrigation system on a fig farm. The new system consists of soil moisture content probes and a meteorological station for reading the temperature, recording the dew points and indicating the appropriate harvest time for the 40 ha of fig trees.

Project results:

This system allowed the production quantity of fruit not of commercial quality to be reduced from 20% to 10%.

The production will increase from 22 tonnes per ha to 31 tonne per ha.

The size of the figs will increase leading to a higher selling price from an average of 1.3 EUR per kg to 1.5 EUR per kg.

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Links

[1] https://enrd.ec.europa.eu/file/14572/download_es?token=Nr8EhDtU&filename=gp_pt_irrigation_web_v2.pdf