



**Technical Report**  
**Training**  
**on**  
**Different training sessions on crop irrigation**  
**09.03.2023 – 03.05.2023**  
**Tunisia**



**Organized by**  
**International Center for Agricultural Research in the Dry Areas - ICARDA**  
**and**  
**Agence de la Vulgarisation et de la Formation Agricole - AVFA**  
**Funded by**  
**GIZ / BMZ**

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## EXECUTIVE SUMMARY

### Name of the project

ICT4irrigation

### Partners

International Center for Agricultural Research in the Dry Areas - ICARDA

Agence de la Vulgarisation et de la Formation Agricole – AVFA

Deutsche Gesellschaft fuer Internationale Zusammenarbeit und Entwicklung – GIZ

Institut National Agronomique de Tunisie - INAT

### Purpose of the project

This Initiative aims to address the “double burden” that climate change poses for livestock production across Africa and Latin America. Researchers are working with public and private actors to identify existing solutions and to co-create and deliver innovations that quantifiably help producers, businesses and governments adapt livestock agrifood systems to climate change and reduce greenhouse gas emissions.

### Specific objectives of the training

The general objectives of the different one-day training courses being carried out by irrigation specialist of the national training institute AVFA is to increase water use efficiency and knowledge of farmers working on irrigated land

### Specific outputs

Over 300 farmers will be trained during 15 one-day training courses regarding the following different topics: Orchard Management: Apple trees; Forage Mixtures: Concept and Management; Management of crops cultivated under greenhouses; Nutrigation techniques; Irrigation: Crops water needs (Potatoes, vegetables, forage crops, ) and Irrigation systems: basic practical course

### TARGETED AUDIENCE(S)

Target group were over 300 farmers in four different governorates of Tunisia (Kairouan, Kasserine, Kef and Jendouba)

## ORGANIZING COMMITTEE

The training was organized by ICARDA and its national partner AVFA

## GENERAL OVERVIEW

The ICT4irrigation project aims to strengthen capacity of farmer groups in irrigation techniques for different crops, thus reducing water loss and increasing water use efficiency

## COURSE STRUCTURE

The 15 days of training covered the following topics:

Orchard Management: Apple trees; Forage Mixtures: Concept and Management; Management of crops cultivated under greenhouses; Nutrigation techniques; Irrigation: Crops water needs (Potatoes, vegetables, forage crops, ) and Irrigation systems: basic practical course.

Each training day had some practical and theoretical part.

## COURSE IMPLEMENTATION

The training was implemented by trainers of the national agricultural training agency AVFA and took place either at farmer cooperative premises or a nearby CTV (extension agency).

## GROUP ASSESSMENT

Most farmers appreciated the practical part of the trainings.

## Consent

**“Personal information including Name, Business Title, Email, Phones, Images and GPS points included in this report have been authorized in writing or verbally by the data subject”**

Annex I: Trainers

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