

## National Agricultural Research Center (NARC)

### **Tafila Agricultural Research Center** **During the period 2021/2015**

The Center was established in 2008 to operate as one of the research branches in the southern region of the Hashemite Kingdom of Jordan, specifically in the Tafila Governorate of an agricultural nature. Throughout its work, the Center sought to achieve and implement the vision and objectives of the main center by implementing research projects in the Tafila Governorate and achieving the greatest benefit from the agricultural resources therein to achieve sustainable development and achieve development goals through cooperation and partnership with all governmental and non-governmental institutions and the local community in the governorate.

#### **What was accomplished during 2015-2021:**

##### **Research projects**

**Project Title:** Hydroponics of lettuce plant using a special fertilizer solution

**Funded by:** The National Agricultural Research and Extension Center.

**Implementation area:** Aabour - Tafila Research Center

**Project implemented by:** Eng. Alaa Al-Qaraan / Eng. Bilal Al-Adeenat

**Project duration:** A year.

**Project Title:** Cultivating cucumbers in multiple agricultural environments.

**Funded by:** National Agricultural Research Center (NARC)

**Place of implementation:** In a greenhouse at the Tafila Sons Association for Special Education, Wadi Zaid Tafila.

**Project implemented by:** Eng. Izz Al-Din Al-Atiwi / Eng. Alaa Al-Qaraan

**Project duration:** A year.

##### **Implementation of the fertilization project in irrigation:**

The supervising engineer: Eng. Safwan Al-Hawamdeh

Project duration: Year

Number of beneficiary farmers: 15

##### **Start implementing a project to introduce and evaluate olive cultivation in Tafila governorate**

The supervising engineer: Eng. Howaimal Al-Sabailah

Project duration: 5 years

Project value: JOD 17,000.00/-

Place of Implementation: Al-Hassan station of the center.

- Implementing the program to combat the infestation of *Eurytoma amygdali*, where the rate of infestation was below the economic limit (implemented by: Eng. Hood Al Hawamla)
- Implementing the program to combat pistachio fruit infestation and succeeding in determining the date of exit of the insect and infestation and obtaining excellent results in the control (implemented by: Eng. Hood Al Hawamla)
- Using the trapping technique with the technique of attraction and killing in the fight against the olive fruit fly, which is a new technique for the first time applied at the level of the Kingdom (Implemented by: Eng. Hood Al Hawamla)

##### **View for Renewable Energy Project**

**Place of Implementation:**

1. Al-Lu'ban area
2. Bourbeta District

**Agricultural Crops:** Many observations were carried out to grow field crops and introduce new varieties of wheat and barley with good specifications and spread them among farmers.

**Sack farming project:** A project funded by the general budget of the center, during which this technique was studied and evaluated to determine its success in order to disseminate the results to farmers.

**Fish farming observations:** A number of observations were carried out by a group of farmers in various areas of the governorate and their success was evaluated in order to encourage farmers to establish pilot projects in this field.

**Alternative Energy Project:** With regard to the use of renewable energy, the Center has established a renewable energy field (solar cells) with a capacity of 10 kWh on the roof of the building to cover the need of the building and to reduce the electricity bill.

**Participation in the Olive Festival:** Contributing in the preparation and coordination of the Olive Festival through the selection and facilitation of the participation of a number of farmers and associations and their excellent financial return through participation in the festival.

**Making a film about pistachios and guava that was published in cooperation with the main center.**