

National Agricultural Research Center (NARC)

Al Mashqar Agricultural Research Center

Research Departments at Mashqar Agricultural Research Center:

1. Field Crops
2. Plant Protection
3. Tree and olive landscape

Research and experiments carried out and currently underway at Mashqar Agricultural Research Center:

1. National Field Crop experiments
2. Biodiversity experiments
3. Experiments of Comparing between fodder and food legume varieties
4. Experiments of Hybridization between wheat varieties
5. Pea Experiments
6. Prevention Research

Modern technologies and used devices

1. Modern technologies in Al-Mashqar center, which were transferred and adopted by farmers
 1. Integrated package for wheat and barley cultivation
 2. Irrigation Fertilization (Modern Injectors)
 3. Application of Integrated Pest Management
 4. Automatic olive harvesting
 5. Supplementary irrigation of olive trees using barrels

2. Hardware, equipment and technologies at Mashqar Agricultural Research Center:
 1. Olive Picking Machine
 2. Experimental Seeder
 3. Forklift
 4. Water tank with two wheels
 5. Pesticide Sprayer
 6. Tractors
 7. Plows
 8. Experimental combine harvester
 9. Field Harvester
 10. Agricultural Experiment Equipment Holder

Services provided by Mashqar Agricultural Research Center

1. Providing agricultural technical support and consulting to farmers
2. Field visits to service recipients
3. Receiving farmers and auditors in the center and providing appropriate solutions to problems
4. Implementing different Experiments in farmers' fields
5. Training, qualifying and empowering local community women on food industries
6. Filling out periodic forms by farmers and getting feedback from them
7. Establishing a link between farmers and donors of agricultural grants and loans
8. Holding periodic meetings and workshops for farmers in Mashqar Center
9. Holding field days in harvest season inside and outside Mashqar Research Station
10. Training farmers on automatic olive harvesting

Projects currently operating at Mashqar Agricultural Research Center:

1. Seed multiplication project - Eng. Awad Al-Kaabneh, Director of Al-Mashqar Agricultural Research Center
2. Field Crop Breeding - Dr. Nawal Hajjaj
3. Enhancing food security for field crops - Eng. Yahya Bani Khalaf
4. Genetic Complex for Fruit Trees - Dr. Salam Ayoub
5. Aloe Vera Project - ICARDA
6. Hybridization between wheat varieties project - Dr. Nawal Hajjaj
7. Rural economic development and employment in both field schools and food processing

Some of the completed projects implemented at Mashqar Agricultural Research Center

1. Wheat Breeding - Eng. Mahmoud Al-Howayan
2. Integrated Approach to Characterization of Wheat Resilience - Eng. Mahmoud Al-Hawyan/
Eng. Awad Al-Kaabneh
3. Fertilizing Field Crops - Eng. Awad Al-Kaabneh
4. Monitoring and Evaluation - Eng. Nawaf Abu Nab
5. The Effect of destructor Pesticides on the Two-Spot Red Spider - Eng. Israa Salem
6. Integrated Pea Pest Management - Eng. Manal Al Halayba
7. Willow Cultivation Project - Eng. Awad Al-Kaabneh
8. Badia Studies Reference website - Eng. Awad Al-Kaabneh
9. Local Barley Experiments - Eng. Malik Al-Sawair
10. Rain-fed Agriculture Development Project - (ACSAD)
11. Medicinal and Aromatic Plants Project - Eng. Awad Al-Kaabneh

Activities of Mashqar Agricultural Research Center

1. Holding a meeting at the center for farmers at the end of each season to discuss the results of their fields.
2. Holding field days annually for farmers in their fields.
3. Receiving the Independent Electoral Commission in the center building as a sorting center and displaying the voters' tables.
4. Holding field schools in farmers' fields around the cultivation of olives and grapes.
5. Holding food processing schools for local community women.
6. Actively participating in the Olive Festival for the women and farmers of the Field Schools Project.
7. Various television interviews for our agricultural engineers on the most important projects and provided services.

Workshop for the seed reproduction project in the north, center and south and meeting with grain farmers.

Videos from Mashqar Agricultural Research Center

<https://www.youtube.com/watch?v=Rp8TX-GKY2k>

<https://www.youtube.com/watch?v=aVkQ4ISrWZQ>