

Laboratories Directorate

Tasks:

1. Diagnosing fungal, insect, viral, and microbiological diseases and identifying their causes, preventing them safely for the consuming entity, and maintaining the product qualitatively and quantitatively.
2. Determining the elemental content of soil, irrigation water, and plant, whether they are deficient or in excess, in order to set appropriate solutions.
3. Analyzing samples of the chemical and organic fertilizers that are produced locally or imported to ensure their compliance with the technical specifications on the basis of which they were produced.
4. Providing laboratory services for scientific research, farmers, and agricultural companies in the following aspects:
 - 4.1- Analysis of samples.
 - 4.2- Conducting laboratory experiments inside the laboratories.
 - 4.3- Field inspection of farmers' fields.
 - 4.4- Issuance of analysis certificates for the purpose of agricultural product exporting.
5. Training university students, graduate students, agricultural engineers, and newly-graduated engineers in cooperation with universities and the Association of Agricultural Engineers.
6. Rehabilitating the technical staff and building its capacity.
7. Documenting and publishing the results of the agricultural research conducted in the directorate.
8. Preparing the annual plan for the execution of the works entrusted to the Directorate and following up their implementation.

To this directorate are appended the following departments and divisions, which perform the tasks entrusted to it:

- 1) Soil and Water Analysis Laboratory Section, to which the next divisions are attached:
 - 1.1- Soil Analysis Laboratory Division
 - 1.2- Water Analysis Laboratory Division
 - 1.3- Soil and Water Analysis Laboratory Division/Deir Alla Center

- 1.4- Soil and Water Analysis Laboratory Division/Ramtha Center
- 1.5- Soil and Water Analysis Laboratory Division/Shobak Center
- 1.6- Soil and Water Analysis Laboratory Division/Mafraq Center
- 1.7- Soil and Water Analysis Laboratory Division/Tafilah Center
- 2) Plant Analysis Laboratory Department, to which the following divisions are appended:
 - 2.1- Plant Element Analysis Laboratory Division
 - 2.2- Fodder Analysis Laboratory Division
- 3) Plant Protection Laboratory Department, to which the sequent divisions are affiliated:
 - 3.1- Viruses Laboratory Division
 - 3.2- Nematodes Laboratory Division
 - 3.3- Fungus Laboratory Division
 - 3.4- Bacteria Laboratory Division
 - 3.5- Plant Protection Laboratories Division/Rabbah Center
 - 3.6- Plant Protection Laboratories Division/Der Alla Center
- 4) Fertilizer Analysis Laboratories Department, to which the subsequent divisions are attached:
 - 4.1- Organic Fertilizer Analysis Laboratory Division
 - 4.2- Chemical Fertilizer Analysis Laboratory Division
- 5) Microorganisms Laboratory Department
- 6) Sample Reception Office (Administrative level of division)