

Chapter 4: Research stations against crop pests

1- Research stations:

l'institut national de la recherche agronomique (INRA) represents the National Institute for Agricultural Research

and is concerned with studying all new problems that can be solved. It also works to contribute to improving agricultural production in terms of plant protection. Their activities also include the following:

- *Studying the natural resistance of varieties in pre-registration.
- *Searching for healthy strains in cultivated varieties.
- *Creating and multiplying varieties that appear to have significant natural resistance.
- *Laboratory biological tests on treatment products to be used in disease cases.
- *Studies on new crop pests.

2- Crop Pest Defense Group:

These are professional organizations whose mission is to implement protection through permanent methods . This protection is organized and collective, and its work is organized as follows:

- * Decisions are made by the Plant Protection Service.
- * They are widely disseminated through decrees (laws) .
- *The instructions contained in the decrees are enforced by defense groups and farmers.
- *Verification of compliance with the decisions taken and possible penalties.

3- Introduction to the Plant Protection Department:

The Ministry of Agriculture and Rural Development exercises national plant health authority, and tasks are carried out by the Plant Protection and Technical Control Directorate (DPVCT)

It has three main objectives for exercising plant health authority:

- *Ensuring the application of legislation and regulations in the field of plant health authority .
- *Analyzing and assessing phytosanitary and plant technical risks and their impact on the national agricultural economy.
- * Identifying and implementing policies that support the protection and conservation of plant resources.

The Plant Protection and Technical Control Department consists of three sub-departments:

1- The Technical Control Sub-Directorate, responsible for:

Coordinating, leading, analyzing, evaluating, and managing risks related to plant health and technical activities, enforcing controls at borders and internally, and implementing quarantine measures when necessary.

2- The Sub-Directorate for Approvals, responsible for:

* Managing and evaluating activities related to approvals for plant health and agricultural use varieties and products.

* Monitoring the use of pesticides.

* Managing and monitoring the official classification of pesticides and varieties authorized for marketing in Algeria.

3- The Sub-Directorate for Plant Health Control, responsible for:

* National coordination, analysis, and evaluation of the activities of the agricultural pest monitoring and control system.

* Cooperation in the field of plant health and plant technology.

* Control tasks are carried out throughout the national territory and at all border posts (ports, airports, and land) by qualified agents from the Plant Health Inspectorate.

* Inspections are supervised by the State Agricultural Services Department.

* In order to enhance the scientific and technical credibility of the decisions, actions, and regulations adopted by the central administration, the Directorate of Plant Protection and Technical Control is supported by two operational bodies.

1- National Institute for Plant Protection:

Responsibilities:

* Developing control techniques in the field of plant protection.

* Contributing to the implementation of a preventive warning system through agricultural warning bulletins.

* Desert locust control programs.

* Carrying out regional and national agricultural pest control operations.

* Contributing to the implementation of national biological assessment programs and approving the use of certain pesticides over others.

* Conduct diagnostics and expertise on behalf of the National Plant Health Authority, regional plant protection stations, and other parties when requested.

* Conduct biological surveys and studies on crop pests that affect productivity.

2-)The National Control and Certification Center (CNCC) Accuracy:

*Monitoring seeds and seedlings and issuing certifications (Monitoring vegetation cover and production, controlling storage and preservation conditions for seeds and seedlings, issuing certifications prior to marketing, and proposing regulations on this matter.

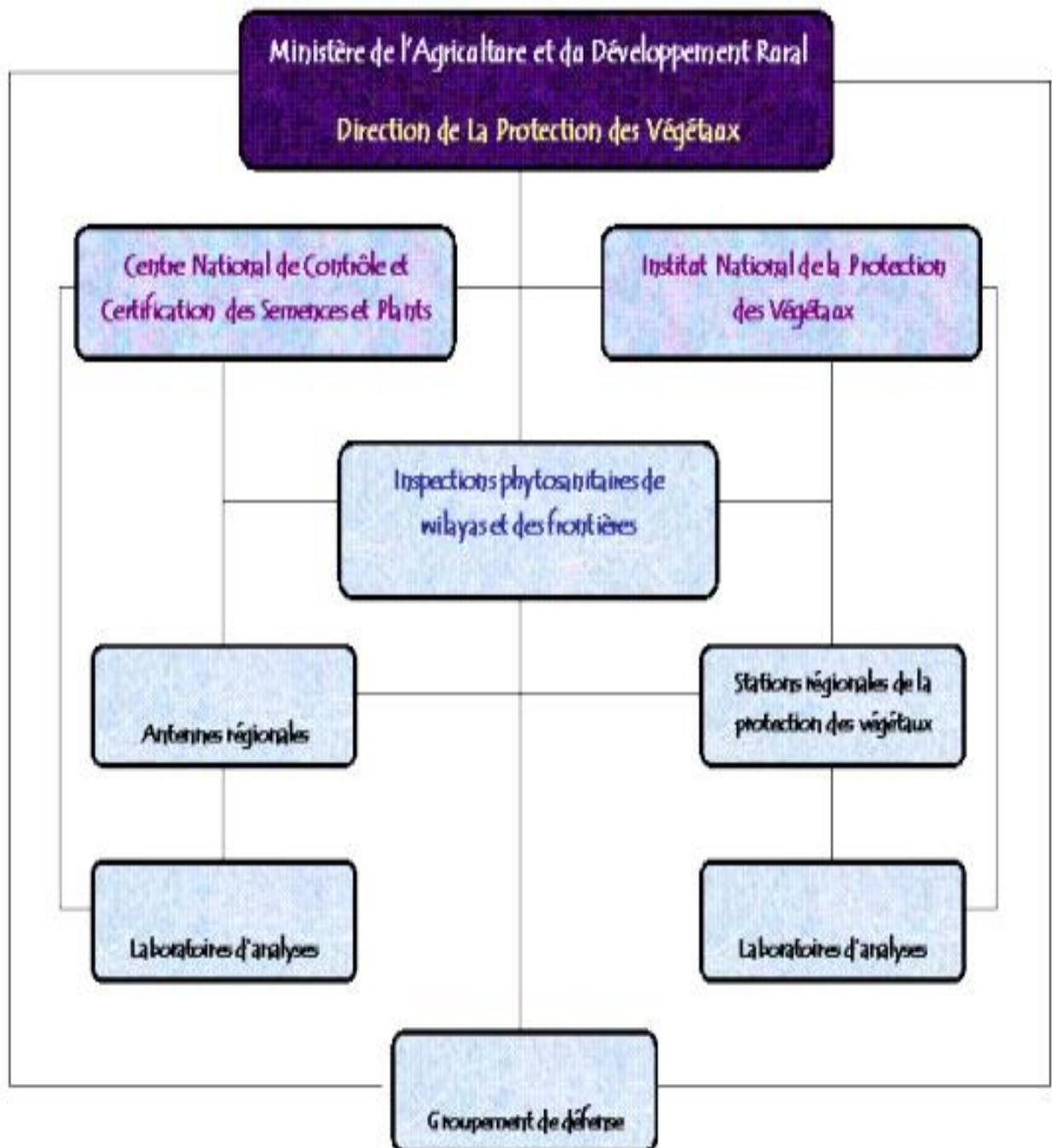
* Managing the official catalog of cultivated plant species and varieties through the following:

- Conducting various certification tests before registration.
- Keeping reference or control samples of registered varieties.
- Completing the indexed files for each variety and establishing technical regulations.
- Organizing procedures for registering and/or deregistering cultivated plant species and varieties. -
- Organizing and providing technical assistance to producers and storage facilities (storage warehouses) concerned.
- Participate in the development of education and training programs, as well as organize retraining and advanced training courses

for seed producers and provide technical supervision to the structures responsible for the production, preservation, and marketing of seeds and seedlings.

- Conduct all research and experiments related to the control and certification of seeds and seedlings and the approval of species and varieties of cultivated plants,

and carry out expertise related to the quality of seeds and seedlings produced nationally and/or imported.



Organisation des services de l'autorité phytosanitaire