



**Agrarian Services Agency under the Ministry of
Agriculture of the Republic of Azerbaijan**

Organization of plant protection in Azerbaijan

**Agrarian Services Agency
Phytosanitary services sector
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Legislation

- ▶ On March 14, 2000, the Law of the Republic of Azerbaijan on joining the International Convention "On Plant Protection" (No. 831-IQ) was signed.
- ▶ The organization and implementation of phytosanitary control in the territory of the Republic of Azerbaijan, as well as the relations between subjects operating in the field of plant protection and quarantine are regulated by the requirements of the International Convention "On Plant Protection" and the Law of the Republic of Azerbaijan "On Phytosanitary Control".
- ▶ Measures aimed at preventing the entry and spread of harmful organisms quarantined in plants and plant products are carried out based on the rules established by the relevant normative legal acts of the Cabinet of Ministers of the Republic of Azerbaijan.

Institutions that carry out the organization and management of plant protection activities

- ▶ **Agrarian Services Agency under the Ministry of Agriculture of the Republic of Azerbaijan**
- ▶ **Food Safety Agency of the Republic of Azerbaijan**
- ▶ **Relevant institutions of the Ministry of Ecology and Natural Resources**

Agrarian Services Agency

- ▶ Based on the Decree of the President of the Republic of Azerbaijan dated January 14, 2019, the State Phytosanitary Service under the Ministry of Agriculture of the Republic of Azerbaijan, the State Veterinary Service, the State Service for Registration of Plant Varieties and Seed Control and the Chief State Technical Control Service, Agrarian Services Agency (ASA) was established under the Ministry of Agriculture of the Republic of Azerbaijan.
- ▶ ASA, among other activities, organizes and manages phytosanitary, including agrochemical services in the fields of plant health, crop productivity improvement in the territory of the republic.

Organization of plant protection activities

- ▶ Activities in the field of plant protection are carried out by the Plant Protection and Fumigation Center of ASA.
- ▶ There are **4** regional and **42** district Centers of Plant Protection and Fumigation (decontamination) Center.
- ▶ **13** Mobile Plant Protection and **6** Fumigation Teams carry out plant protection and fumigation measures in the republic.

Main directions of activity of plant protection centers

- ▶ Carrying out phytosanitary observations, monitoring, prevention and plant protection services in plantations, gardens, meadows, pastures and other areas based on the request
- ▶ Organization of appropriate control work to prevent the spread of detected harmful organisms over a wide area
- ▶ To apply to the Food Safety Agency of the Republic of Azerbaijan for the organization and conduct of the fight against particularly dangerous and quarantined harmful organisms, and for the implementation of quarantine restriction measures
- ▶ Preparing forecasts for the fight against diseases and pests for the next year
- ▶ Providing recommendations on the regulations for the use, transportation and storage of plant protection products
- ▶ to conclude agreements with individuals and legal persons, as well as state and local self-government bodies, in connection with the implementation of plant protection measures, etc.

Phitosanitary monitoring

- ▶ **Phitosanitary monitoring**— is a phytosanitary measure implemented in practice for the analysis, assessment and forecast of the phytosanitary situation in a certain area.
- *Successive stages of phytosanitary monitoring:*
 - *observation carried out*
 - *data collected*
 - *analyzed*
 - *evaluated*
 - *forecasted*



Results of phytosanitary monitoring

➤ *As a result of monitoring, probable levels of organisms are determined according to indicators:*

- *development and pest intensities;*
- *quantity and distribution;*
- *demand for plant protection products;*
- *method of application, quantity, etc.*



Technical capacity

- ▶ Special purpose car "Mitsubishi-L200" - 21 units
- ▶ Special purpose car "Niva" - 10 units
- ▶ Special purpose vehicle (water vehicle) "IVECO" - 3 units
- ▶ Special purpose car "Ford" - 3 units
- ▶ Special purpose vehicle "Gazel" - 2 units
- ▶ Tractors of different brands - 53 units
- ▶ Trailer sprayer (2000 l) - 44 units
- ▶ Ultra-small sprayer "AU 8115M" - 12 units
- ▶ Autonomous sprayer "Scout 28s-300" - 10 units
- ▶ Agro drone - 10 units
- ▶ 30 passenger vehicles
- ▶ Hand sprayers - 30 units
- ▶ Wagon compartment - 1 unit
- ▶ Fog generator TF-95 - 15 units
- ▶ Fog generator TF-35 - 12 units

Preparation for fighting measure



Activities to fight against pests

- In the control system, agrotechnical, biological and chemical control methods are widely used



The volume of plant protection works carried out in the republic in recent years (thousand ha)

2020			2021			6 months of 2022		
Fighting against pests (total)	Against quarantined and Specially harmful organisms	Seed treated (thousand t.)	Fighting against pests (total)	Against quarantined and Specially harmful organisms	Seed treated (thousand t.)	Fighting against pests (total)	Against quarantined and Specially harmful organisms	Seed treated (thousand t.)
714,5	136,1	57,2	917,9	170,4	67,3	666,4	143,7	0,43

The main directions of activity of fumigation teams

- ▶ Implementation of quarantined and other harmful organisms' neutralization measures during import, export, transit and placement of materials under quarantine control and customs regimes
- ▶ Implementation of decontamination measures in means of transportation of crop products
- ▶ Implementation of decontamination measures in warehouses where crop products are stored, as well as in greenhouses



Fumigation activities



The volume of fumigation (decontamination) activities carried out in recent years

2020			2021			First 6 months of 2022		
Cereals, cereal-legumes, technical plant products, dried fruit (thousand tons)	Fresh fruits and vegetables, storage places, forest material, etc. (thousand cubic m.)	Greenhouse (thousand square meters)	Cereals, cereal-legumes, technical plant products, dried fruit (thousand tons)	Fresh fruits and vegetables, storage places, forest material, etc. (thousand cubic m.)	Greenhouse (thousand square meters)	Cereals, cereal-legumes, technical plant products, dried fruit (thousand tons)	Fresh fruits and vegetables, storage places, forest material, etc. (thousand cubic m.)	Greenhouse (thousand square meters)
205,1	3009,2	1325,9	267,5	1769,7	1247,7	----	638,9	635,0

Targets

- ▶ Minimizing the damage that diseases and pests can cause to crops and garden areas by timely implementation of preventive measures, achieving plant health, increasing agricultural production;
- ▶ Increasing interest in the production of environmentally friendly agricultural products by expanding educational activities among agricultural product producers;
- ▶ Creation of a precise accountability system for monitoring and counter-measures
- ▶ Increasing the qualifications of personnel by involving them in trainings (including international training courses);
- ▶ Achieving the creation of zones free from harmful organisms in regions with high potential for export-oriented agricultural product production;
- ▶ Adoption and application of advanced international experience in the field of plant protection;
- ▶ Expanding educational activities among farmers and agricultural product producers regarding the advantages of scientific management of agricultural crops, preventive, agrotechnical, biological, chemical and other control measures against harmful organisms;
- ▶ Increasing activities to expand the use of biological control methods against cotton bollworm;
- ▶ Building a laboratory for the identification of harmful organisms and training personnel in this field

**Thanks for your
attention!**