



UNICRI has been tasked by the European Commission with the overall coordination, provision of technical assistance and monitoring the implementation of twelve projects in South Caucasus and Central Asian countries field of bio-safety and bio-security. This programme falls under the second phase of the European Commission's programme entitled "Strengthening Bio-Safety and Bio-Security Capabilities" and is funded under the European Union's Instrument for Stability



Project

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MOLECULAR DIAGNOSIS OF DIFFERENT DISEASES OF AGRICULTURAL PLANTS, SEEDS AND GMO PRODUCTS IMPORTED INTO AZERBAIJAN

IMPLEMENTING INSTITUTION:

Institute of Botany (IoB), Azerbaijan, National Academy of Sciences

IMPLEMENTATION PERIOD:

1 November 2013 – 15 July 2015

COUNTRY:

Azerbaijan

BUDGET:

147,470 euro

PROJECT DESCRIPTION:

The objective of the project is to provide the necessary support to the Institute of Botany to enable it in performing molecular diagnosis of different phytopathogens and abiotic and biotic stresses of the environment. This diagnosis will serve to support the Plant Quarantine Department, State Custom Committee and the Ministry of Ecology and Natural Resources in their detection of different phytopathogens, and stress factors causing diseases.

To facilitate this work, the technical level of the laboratory and scientific infrastructure will be improved through the provision of key equipment including a spectrophotometer system and various kits required for the research (ELISA, Immunstrip, PCR etc.). The project also includes the organization of two training workshops for the staff of the Institute to strengthen the knowledge and understanding of viruses and phytoplasma.

After being provided with the necessary tools, the Institute will then conduct a survey of the actual situation in Azerbaijan with a view toward preparing an atlas of symptoms and transmission pathways of pathogens and a series of recommendations for farmers and decisions makers in this sector. These instruments will then be distributed during a workshop organized in Baku with the participation of key stakeholders.

It is expected that the project will foster the necessary capacity and capabilities to prevent the spread of plant diseases and promote the importance of preserving high standards of food safety and security.

IOB CONTACT POINT:

Dr. Alamdard Mammadov
Email: amamedov_ib@yahoo.co.uk
Tel: +994 125 381 164

UNICRI CONTACT POINT:

Mr. Odhran McCarthy
Email: mccarthy@unicri.it
Tel: +39 011 6537 122