



Plant Health Diagnostics in Georgia

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Georgia

Country profile





- Laboratory of the Ministry of Agriculture
- National Food Agency
- Agricultural Project Management Agency
- National Wine Agency
- Scientific-Research Center of Agriculture

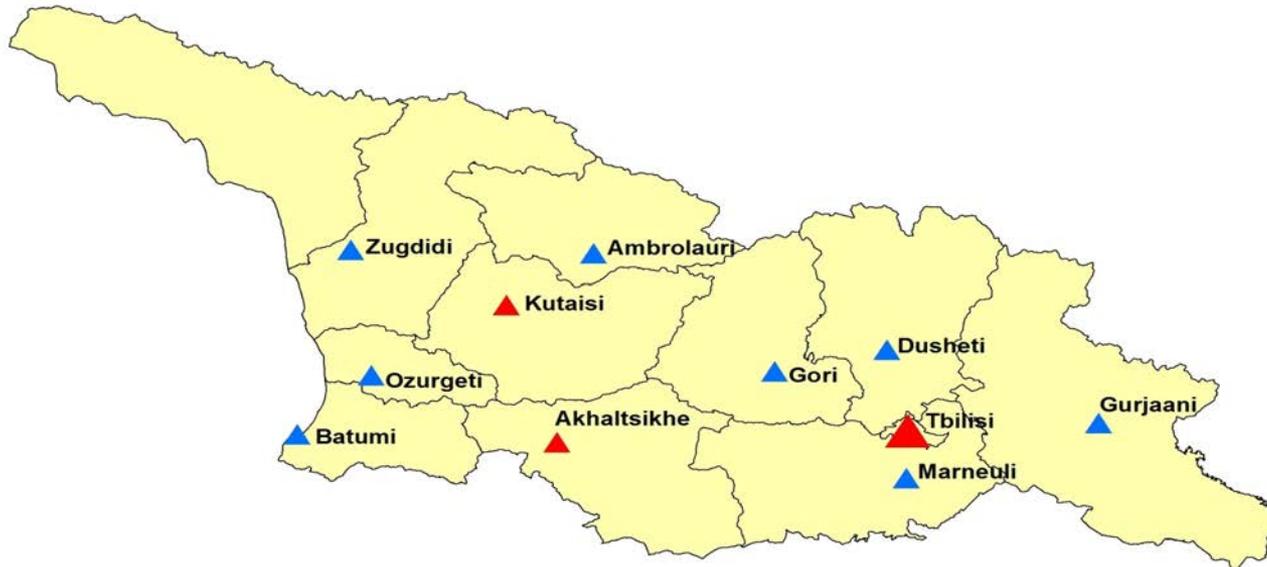


- National Food Agency (NFA)
- Border Control
- Laboratory of the Ministry of Agriculture
- Agricultural University of Georgia
- Institute of Phytopathology and Biodiversity

LMA Network



LMA is a nationwide network consisting of 3 Zonal Diagnostic Labs (BSL 2+) and 8 Laboratory Support Stations (BSL 2)



QUALITY INFRASTRUCTURE



ISO 17025 accreditation by *ACLASS-ANAB*

- 25 Veterinary Disease Diagnostic Tests
- 30 Chemical tests for Food Safety and Water Quality
- 19 Microbiological tests for Food Safety and Water Quality
- 2 Radiological tests for Food Safety and Water Quality

**Certified for Quality Management System compliant with ISO
9001:2008**

Opening of New Building of Plant Pest Diagnostic Department





The testing activities of the department cover all disciplines related to plant health.

EPPO approved diagnostic SOPs are being implemented.





- **Laboratory of Entomology**
Entomology, Nematology
- **Laboratory of Phytopathology**
Bacteriology, Mycology, Herbology, Seed Quality
- **Laboratory of Molecular Diagnostics**
Molecular diagnostics, Virology, GMO

Plant Pest Diagnostic Laboratory

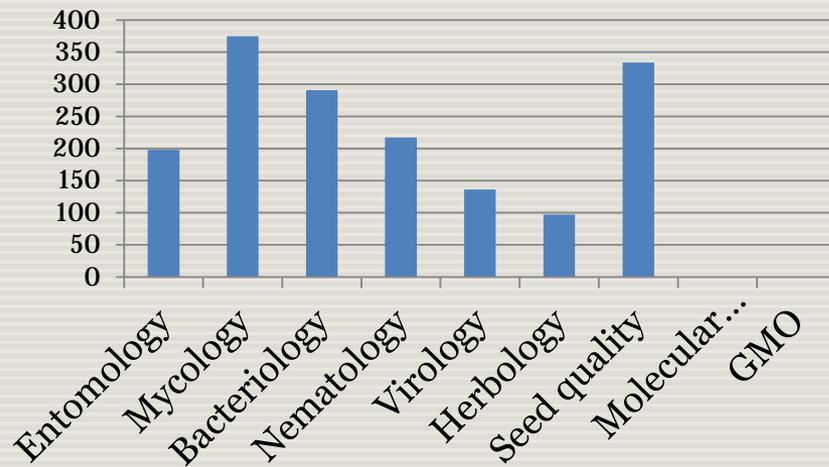
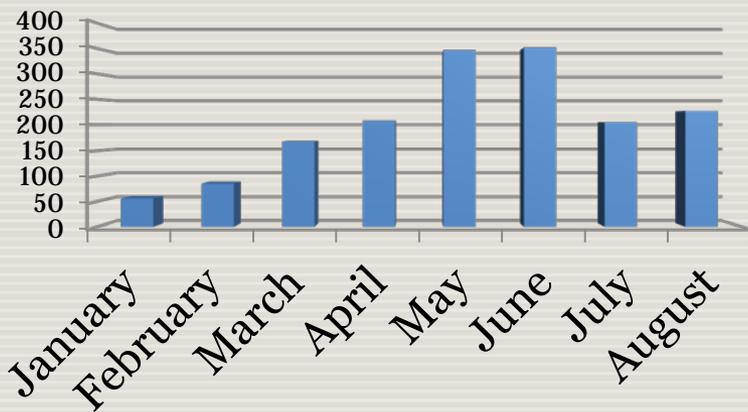
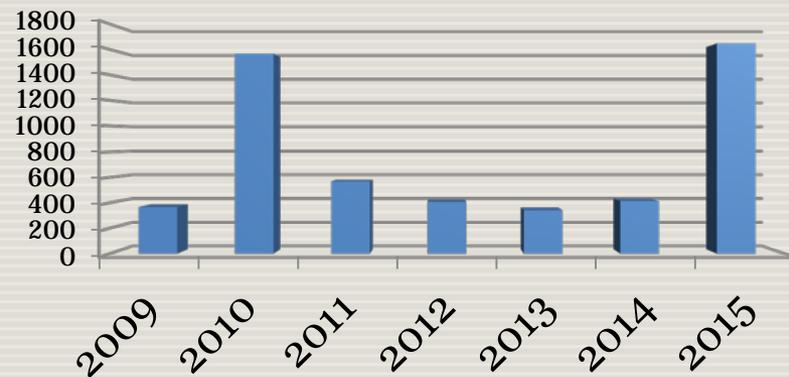
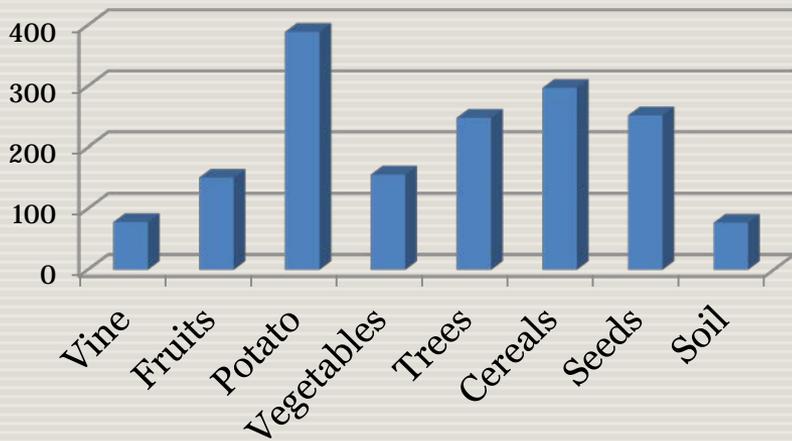


15 staff members are identifying plant pathogens in all areas:

- Entomology
- Mycology
- Bacteriology
- Nematology
- Virology
- Molecular biology
- GMO
- Herbology
- Seed quality



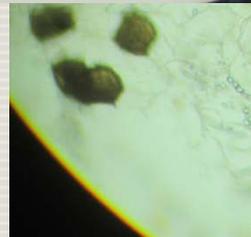
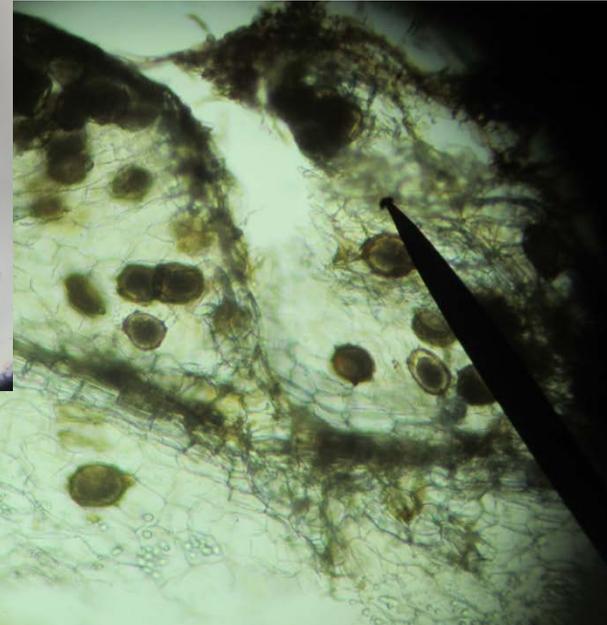
Sample Management



Quarantine organisms detected at the customs board



Quarantine organisms detected at the customs board



Difficulties



- Finding qualified personnel, mastered in performing classical methods of analysis (especially in regions);
- Acquisition of reference materials and collections of quarantine pests;
- Limited opportunities in participation in inter-laboratory testing;
- Participation in proficiency programs;
- Validation of methods.

THANK YOU!

