KAMIL DUMAN[1], YUNUS BAYRAM[2]
DİYARBAKIR PLANT PROTECTION RESEARCH STATION
*Practitioners' Track, IFOAM Organic World Congress 2014, 'Building Organic Bridges', 13-15 Oct., Istanbul, Turkey*

# MINISTRY OF FOOD AGRICULTURE AND LIVESTOCK
# DİYARBAKIR PLANT PROTECTION RESEARCH STATION

Kamil DUMAN[1], Yunus BAYRAM[2]

***National Preferred Duty:*** *Being an expertise center of the Organic Agriculture and Good Agricultural Practices to protect environment and public health.*

***National Mission Area:*** *Whole Country*

***Territorial Mission Area:*** *Whole Territory*

***Regional mission area:*** *Diyarbakır, Adıyaman, Şanlıurfa, Siirt, Elazığ, Bitlis, Van, Batman, Mardin, Şırnak, Malatya, Bingöl, Hakkari and Muş Provinces*

***Provinces which are included in 2010 for Agricultural Quarantine:*** *Ağrı, Ardahan, Artvin, Bayburt, Erzincan, Erzurum, Giresun, Gümüşhane, Iğdır, Kars, Ordu, Rize and Trabzon Provinces*

***Scope of duty:*** *Management of Plant Pests, Diseases and Weeds*






## Entomology

**Research Activities**
+ Investigation and identification of harmful pests (insects, mites, nematodes, rodents and birds),
+ Determination of density of pests and their damage levels,
+ Detection of natural enemies which are important for bio-ecology and epidemiology,
+ Investigating of the most effective and most economical methods to struggle against pests
+ Transferring and sharing applicable results as soon as possible

## Biological Management

**Research Activities**
+ Determination of natural enemies,
+ Protecting and supporting natural enemies in their habits,
+ Mass rearing and usage of biological control agents,
+ Determining relationship between hosts and natural enemies,
+ Investigation of side effects of pesticides on beneficial organisms,
+ Provide usage of research findings in IPM programs,
+ Utilization of natural enemies in IPM programs

## Weed Science

**Research Activities**
+ Finding solutions to control weeds in agricultural areas,
+ Identification of the weeds collected by researchers and brought by farmers to institution
+ Investigation of the management methods of detected weeds,





## Phytopathology

**Research Activities**
+ Conducting researches on Virology, Mycology, and Bacteriology Divisions
+ Detecting and diagnosing fungi, bacteria, phytoplasma, virus and virus-like disease factors
+ Finding spreading rates of diseases and their economic damage level
+ Improving management methods against microorganisms
+ Measuring disease intensities and their level of damage,
+ Determining crop yield and quality losses caused by diseases,
+ Establishing the most effective and economic control methods and sharing those know-how with the growers via provincial agriculture directorates

## Toxicology

**Research Activities**
+ Investigating pesticide residues in agricultural products
+ Conducting researches and trainings on proper use of pesticides
+ Investigating resistance caused by excessive use of pesticides and side effects of pesticides
+ Investigating safe food strategies, formulation, analysis, and analytical capacity of laboratories for developing the infrastructure,
+ Preparing and publishing brochures, posters and distributing via provincial agriculture directorates

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