

- Project Title** : Studies on the Determination of Species Belonging to the Family of Cicadellidae (Homoptera) in Maize Production Areas in Aydin, İzmir and Manisa Provinces of Turkey and Their Population Fluctuation
- Start /End Date** : 2004-2006
- Supporting Body** : GDAR
- Leader** : Erkan YILMAZ
- Co-researchers** : Prof. Dr. Yusuf KARSAVURAN
- Summary** : The aims of this research are to determine Cicadellidae (Homoptera) species in the maize production areas of Aydin, İzmir and Manisa provinces of Turkey and to monitor population fluctuations of important species in Menemen (İzmir).
- This study was carried out during the years of 2004-2005 and totally 17 species were determined. These species are; *Austroagallia sinuata*, *Balcanocerus larvatus*, *Asymmetrasca decedens*, *Empoasca decipiens*, *Eupteryx aurata*, *Typhlocyba quercus*, *Zyginidia pullula*, *Aconurella prolixa*, *Cicadulina bipunctella*, *Circulifer haematoceps*, *Euscelis incisus*, *Euscelis obsoletus*, *Exitianus capicola*, *Macrosteles quadripunctulatus*, *Neotalitrus fenestratus*, *Psammotettix provincialis* and *P. striatus*.
- Among them, *A. decedens* and *Z. pullula* were the abundant and widespread species. Their population fluctuations were observed in Menemen (İzmir).