

- Project Title** : Determination of the Grapevine Phytoplasma Diseases in Aegean Region and the Control Strategies
- Start Date** : 2013
- Supporting Body** : GDAR
- Leader** : Dr. Aydan KAYA
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- Summary** : In this study, the situation of grapevine phytoplasma diseases will be determined in Denizli, Manisa, İzmir and Çanakkale provinces. For that purpose, the field survey will be done in the time period of september-november in the grapevine areas. The samples collected from the plants that have the signs of phytoplasma diseases and the place of these plants will be determined by using GPS. The samples will be analysed by using the molecular techniques.
- In the case of determination of the disease, it will be reported to the ministry since the agents of phytoplasma are in the quarantine list. In addition, standard test protocol will be prepared for the quarantine test analysis and it will be reported to ministry to bring synergy for the method.
- In entomological studies, insects in plants which are infected phytoplasmas (Cicadellidae, Cixiidae: Hemiptera) will be collected in may-october, the species identification will be done and by DNA analysis the vector species will be determined.