



<b>Title</b>	Determination of phytoplasma diseases and possible vector species in vineyard areas of Antalya
<b>Number</b>	TAGEM-BS-12/08-05/02-28(5)
<b>Leader</b>	Nejla ÇELİK
<b>Researcher/es</b>	Bengi TOPKAYA KÜTÜK, Serap Melike İÇÖZ, Selda ÇALIŞKAN, Ali ÖZTOP, Serkan AYDIN
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### **Abstract:**

In this study was studied identification of the Phytoplasma diseases in vineyards of Antalya Region. For that purpose, surveys will be done in the period of September-November in the vineyard areas. The samples collected from the grapevines that have the signs of pyhtoplasma diseases and the place of these plants will be determined by using GPS. The samples will be analyzed by using the molecular methods.

Since the phytoplasmas are quarantine organisms, in the case of detecting of these organisms, it will be reported to the Ministry the taking necessary measures in infected vineyards. In this scope, it will be presented an opinion to the Ministry in the direction of eradicating infected grapevines and treating vector species. In addition to that, at the end of this study, it will ve presented to the Ministry prepared a standard test protocol.

With the aim of detecting phytoplasma diseases and possible vectors in vineyard of Antalya, infected leaf, plant and vectors will be collected at the surveys to be carried out regularly in 2013-2016. Morphological identification of vectors will be done and whether they have phytoplasma at issue within the inside will be determined by using molecular methods.