

**Project Title** : Determination of the Prevalence, Pathotypes and Variety Reactions of Septoria Leaf Blotch (*Septoria tritici* Rob. ex. Desm.) in Wheat Production Areas in Aegean Region

**Start Date** : 2015

**Supporting Body** : GDAR (General Directorate of Agricultural Research and Policy)

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**Summary** : Wheat is the most produced in the world and it is indispensable in culture plant that according to nutrition, trade and rotation systems in many countries. One of the most important agents in the wheat cultivation yield and quality of adversely affecting fungal diseases are caused losses. In this study aims to determine, prevalence of Septoria leaf spot disease, pathotype and some variety reactions in the production of wheat in the fields of common. Therefore, surveys will be made in Balıkesir, Canakkale, Denizli, Kutahya and Manisa in the Aegean Region. Other species of Septoria symptoms samples will be taken and brought to the laboratory from the survey area. Isolation will be made from received diseased examples and diagnose by morphological methods. The pathotypes of *S. tritici* will be determined using the set of crops separator. Located virulens the highest isolate the area, with our common as some of the cultivation of the bread wheat and durum wheat varieties to the reaction will be determined. Wheat varieties with the determination of the reactions against the disease, the disease will contribute to the struggle. Besides Septoria leaf spot disease-resistant variety breeding will substantially contribute to the work. General Directorate of Agricultural Research and Policy, preparation of research projects related to this subject requirements have been reported. This topic will then be converted to national projects.