

Project Title : Investigations on The Determination of Biological Criteria For Timing of Control of The Sunn Pest Species (*Eurygaster* spp. Heteroptera:Scutelleridae) and Their Natural Enemies in The Aegean Region

Start /End Date : 1990-1998

Supporting Body : GDAR

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Summary : This study was carried out to the determine of sunn pest species (*Eurygaster* spp.), its natural enemies and biological criteria for the control in Aegean Region between 1990 and 1998. The studies were performed in Çanakkale, Denizli, Muğla, Uşak and mostly in Balıkesir provinces.

Sunn pest species, the winter quarters, its natural enemies and its infestation rate were determined. It was also determined the egg parasitoids (*Trissolcus* spp) affected the pest population.

The interaction between wheat phenology and pest biology was observed that the pest was generally 1-3 period nymph and plant was in the milkly period at the application time.

In addition, the relation between pest biology and the population variation of the egg parasitoid was also studied.

The studies on suching rate and its effect to the wheat quality did not carry out because it wasn't epidemic years of the pest wasn't in adequate density. This subject will be investigated in future.