

Project Title : Investigations on The Control Methods of (*Aculops lycopersici* Masee) (Acarina:Eriyophyidae) Which is Problem in Tomato Fields

Start /End Date : 1998-2000

Supporting Body : GDAR

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Summary : The studies were carried out on the population, natural enemies and chemical control of Tomato russet mite (*Aculops lycopersici* Masee) the years of between 1998-1999 in tomato fields in Bergama and Bornova.

It was determined that *Pronematus ubiquitis* (Mc Gr) (Acarina) was predatory of *Aculops lycopersici*. Agrothane 20 EC, Tetrasit V-18, Morestan 25 WP and Sulphure 80 WP tested against the *A. lycopersici*. As for the result, Agrothane 20 EC (dicofol 195 g/l) 150 ml/100 l water and Sulphure 80 WP (kükürt % 80) 400 g/l water doses were found high effective against the *A. lycopersici*. When the first green tomatoes are seen in the field, alive individuals (nymphes and adults) are counted under the leaflets; 10-15 nymphes+adults/leaflet is most available time for the control of *A. lycopersici*