

Title	Investigating the Growing Possibilities of Pitaya and Passiflora in Antalya Conditions
Number	
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Abstract: Our country has a great advantage in terms of various temperate and subtropical fruit species can be grown because of its possessed ecological conditions. However tropical fruits have scarcely chance to be grown in some locations of Mediterranean Region displaying microclimate properties. As a result of rising interest of tropical fruit growing and consumption day by day in our country, in Gazipaşa first adaptation research studies on different cultivars of tropical fruits like passiflora, guava, mango, longan, litvchi ant pitaya were started with the collaboration between Antalya Directorate of Provincial Food Agriculture and Livestock, Batı Akdeniz Agricultural Research Institute and Akdeniz University Faculty of Agriculture in the year of 2012. According the first impressions, pitaya and passiflora species was come into prominence in terms of many characteristics. By testing this species in some locations out of limited microclimate areas, in terms of growing more wider areas and therefore mass production, it is thought that it will be create an important advantage.

In this project, researching growing possibilities of pitaya and passiflora on the land belongs to BATEM, situated in Kayaburnu station, in Serik district of Antalya under net cover is aimed. In study, as control group, open-field grown pitaya and passiflora plants will be used. Study will be conducted with Cosmic Charlie, Bloody Mary, Jaina and Red Jaina pitaya cultivars and Possum purple passion fruit cultivars and plants will be taken on wire training system. During research, in addition to some morphological, phenological and pomological analyses will be determined.