

Title	Growth of Clonal Rootstock for Avocado
Number	TAGEM/BBAD/16/A08/P09/04
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Abstract:

In Mediterranean Region during the marketing of the many plants, which have been produced commercially, there are some problems caused by economical reasons. In order to solve these problems, increasing the commercial production of avocados could be a good alternative for producers who want to produce new type products.

Because vegetative reproductions of avocado rootstocks are very hard and seedling rootstocks, reproduced from seeds, have high heterozygote properties, every seedling rootstocks has different and non-uniform properties. Additionally seedling rootstocks have been used in our country and performances of they has not been researched yet.

In this project; it will going to find out the performance of “Topa Topa” and “Mexicola” seedling rootstocks, which have widespread used in our country. Also in order to carry out the vegetative reproduction, varieties which have high properties will be chosen based on the trees properties, flowering time, fruit properties, yield and effecting from climatic changes and they will reproduced by clonally propagation.

‘BATEM Rootstock Selection Program’ which will be started with this research, it will going to choose seedling rootstocks of avocado which is suitable ecological condition of this region and has high yield capacity and reproduce of them by clonally propagation. Also this research could be a basis the breeding research of obtaining seedling rootstocks and clonal rootstocks by discovering rootstock and variety relationship. So selection of healthy, resistant to abiotic and biotic stresses and high productivity rootstocks and establishment of uniform orchard by clonally propagation will be done.