

Study , evaluation and collection of male pistachio cultivars

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Study , evaluation , and collection of male pistachio cultivars was done to select and recommend suitable pollinizers for the main commercial cultivars.

In the first step, many of male cultivars were evaluated, in pistachio cultivated regions of kerman and rafsanjan, for three consecutive years.

Forthy selected trees have the most considerable phenotypic differences such as : Flowering time, flowering duration, no of flower and percent of germinated pollens.

The result showed that there is a very wide diversity of male phenotype in the regions, For example, we had 3 times of flower dehiscence which were, early middle, and late flower time . There were also marked differences between the flowering durations.

Further more, we had a lot of differences between the number of flowers of each male trees . It can be resumed that the number of flowers was affected mostly by climatic conditions. Pollen germinating ability was more than 80% .