

The effect of the different pollens on the fruit set, fruit number and time of ripening on the date fruit of zahedi variety

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To study the effects of different pollens on the quantitative and qualitative characteristics of Zahedi date, an experiment was conducted in 1998 in a randomized complete block designs with 7 treatments including of the male pollens based on Fars Bazri (T1), Three types of Shahani, Tavarz and Zahidi from Jahrom respectively T2, T3 and T4 and Ghikarzin Zahidi (T5) and based on Fars Bazri (T6) and the Farashband Zahidi type (T7). Every Treatment was a tree in four replications. The experiments was performed totally on 28 Zahedi , 12 old years palm trees in two places in Jahrom.

After pollination fruit set, fruit number and time of ripening were recorded. The results from the performed experiment indicated that the pollens of Shahani (T2) and Zahedi from Jahrom (T4) had the most effects on the characteristics, such as fruit set and fruit number.

According to the experiment, the most earlymature date pollinated was Girokarzin Zahedi (T5) and the most latemature date was Jahrom Zahedi (T4). A period of 19 days difference between both dates were seen. The Tavarz pollen caused the midmature effect in Zahedi fruit.