

Study and determination of the best time for "Sayer" date palm pollination

H.sayahpour

Date palm and tropical fruits research institute

This evaluation was carried out on 5 "Sayars" trees for 2 years in 5 replicates and 5 treatments levels square design. 5 treatments levels were applied on 5 bunches per tree. The treatments were consisting of:

Treatment 1 : pollination at the same time of spathe cracking.

Treatment 2 : pollination 24 hours after spathe cracking.

Treatment 3 : pollination 48 hours after spathe cracking.

Treatment 4 : pollination 72 hours after spathe cracking.

Treatment 5 : pollination 96 hours after spathe cracking.

counting of pollinated fruit began.

3 weeks after the possibility of identifying the unpollinated fruits

The results of the first and the second years and the combined analysis showed that there is no significant pollination between the different times and it is possible to pollinate the flower from spathe cracking to 96 hours after it. In addition 48 hours after the spathe cracking the strands are completely exposed to view but before that the strands should be more opened by hand that is more difficult for tall trees.