

SOME FACTORS AFFECTING GROWTH AND ROOTING OF DATE PALM OFFSHOOTS

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This study was consisted of two experiments carried out under orchard conditions in 1993 in New Halfa, Kassala State, to investigate the factors affecting the growth and rotting of date palm offshoots. In the first experiment, the effect of different detachment dates on growth of date palm offshoots rooting was studied .The interval between successive planting dates was 30 days starting, from April 1993, till March 1997, survival percentage of the offshoots years and two years after planting, indicated that December was a suitable month for detachment and planting MWL offshoots, while March and June for MWK offshoots. In the second experiment, the methods of planting offshoots on growth and rooting were studied, and the methods used were namely: -1-severe pruning and completely buried planting method. 2-partially pruning and partially buried planting method compared with the traditional method of planting. The results of three years indicated that the first method gave the highest significant results in all observed characters.