

**PROMOTION OF *IN VITRO* BUD/SHOOT FORMATION OF  
DATE PALM (*PHOENIX DACTYLIFERA* L.) WITH DATE SYRUP  
'DIBBS' AS A CARBON SOURCE**

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Different concentrations of 0 (30g/l sucrose), 5%, 10%, and 20% of date syrup locally known as 'Dibbs' have been used for *in-vitro* bud/shoot formation in date palm. The preliminary observations have shown that the lower concentration of date syrup (5%) have successfully promoted bud formation. The higher concentrations (10%, 20%) however, have resulted in the browning and drying of plant material. This phenomenon was probably caused by osmotic effects.